

QUARTERLY DATA SUMMARY REPORT

NIAGARA COUNTY REFUSE DISTRICT SITE

Wheatfield, Niagara County, New York

(NYSDEC Site No. 9-32-026)

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

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May 2007

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MAY 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 January through March 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.

1.1.2 Groundwater Sampling

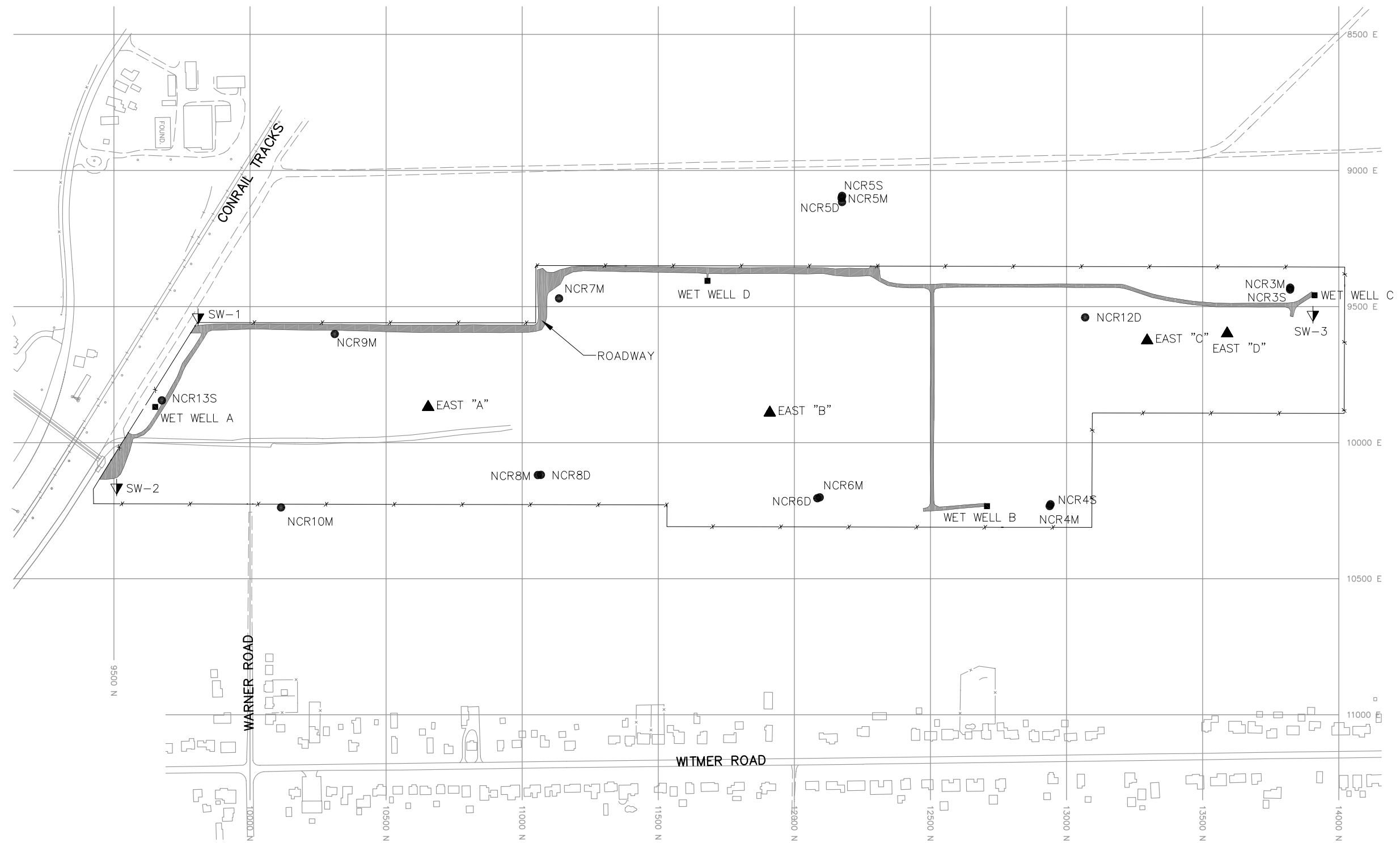
Groundwater samples were not collected during this reporting period. In accordance with the approved OM&M Plan (CRA, 2000), the groundwater sampling frequency was decreased from a quarterly to a semi-annual basis in 2003, and from a semi-annual to an annual basis beginning in 2006. The next round of 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 January, February, and March 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 January 19, February 9, and March 10, 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 |



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 January through March 2007. Activities during this quarter included effluent sampling, water level measurements, maintenance work, and Site inspections.

2.1 EFFLUENT SAMPLES

Effluent samples were collected in January and February by O&M Enterprises, and analyzed by the City of North Tonawanda. The analytical results from these samples were used by the City to confirm that the effluent received from the Site met the criteria for acceptance by the City treatment system. These data are not presented in the quarterly monitoring reports, but will be summarized in the 2007 annual monitoring report. 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 generally decreased between January and February and increased between February and March. Measured water levels were consistent with 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. 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 landfill cap was noted to be snow covered during the January and February site inspections. The grass covering the landfill was relatively low during the March inspection.

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 were covered in snow for two of the three 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. Wetland vegetation was noted to be in typical winter condition during the Site inspections. A slightly higher than normal water level was noted in the wetland area during January and a normal water level was noted in February and March.

A single hole cut into the perimeter fence was identified during the January and February inspections. 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, when they were not covered in snow, were found to be in acceptable condition during the reporting period.

2.5 MAINTENANCE

Scheduled maintenance during the reporting period included replacement of level control float switches in one of the wet wells. Copies of the maintenance record logs have been included in Appendix E. On January 26, the level control float switches in Wet Well C that had failed to operate properly on January 23, were removed, and new level control float switches were installed.

Occasional unscheduled maintenance at the landfill is required. On January 4, faulty level control float switch was repaired in Wet Well C. On January 12, a float switch was replaced in Wet Well C. On January 23, a float control switch that had stuck in Wet Well C was repaired. On January 24, proper operation of the float switch was confirmed. On February 9, a hole cut in the perimeter fence was repaired and police report (Niagara County Sheriff's Department Report number 6481) was filed. On March 30, another hole was identified in the fence and a police report (Niagara County Sheriff's Department Report number 14490) was filed. No major repairs were required.

2.6 OM&M OVERSIGHT

Parsons' Quality Assurance (QA) work included periodic oversight of OM&M activities by O&M Enterprises, Inc., 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

Inspection Item	Acceptable	Requires Action	Comments
Manholes	X		
Wet Wells	X		Water levels were measured monthly.
Wetlands	X		Water level was noted to be slightly high, but within the historical range, during January and normal in February and March.
Perimeter Fence		X	Hole observed in fence and was repaired. Sheriff was called and report completed.
Condition of Roads	X		No potholes were observed. Mostly snow covered during reporting period.
Integrity of the Cap	X		No erosion was observed. Snow covered in January and February.
Drainage Ditches/Swales	X		
Gas Venting System	X		
Wells	X		Water levels were measured monthly.
Culverts	X		
Other	X		

SECTION 3

CONCLUSIONS

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

- The landfill was inspected monthly and is appropriately maintained.
- As specified in the OM&M Manual, annual groundwater monitoring commenced in 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 generally decreased between January and February, then increased between February and March. Measured water levels were consistent with levels observed in previous years between January and March.
- Wetlands vegetation appeared relatively healthy, and in good condition, for the winter months, 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.

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

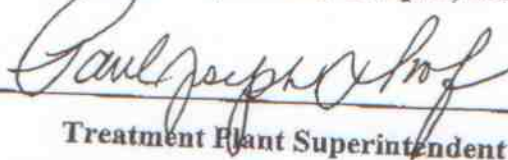
Classified by S.I.C. Number(s): N/A

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: 01/11/90
(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"	1300	598.93	24.98	573.95
East "B"	1240	596.23	19.38	576.85
East "C"	1220	598.69	19.51	579.18
East "D"	1200	593.20	14.38	578.82
NCR-3S	1115	579.60	3.04	576.56
NCR-4S	1105	591.88	2.94	588.94
NCR-5S	1155	597.34	5.77	591.57
NCR-13S	1145	593.13	3.85	589.28

Wet Wells

			Depth of Water	
WWA	1030		~14"	
WWB	1100		~12"	
WWC	1125		~10"	
WWD	1045		~12"	

Total System

Time of

Flow

Measurement

36603770	1030

WATER LEVEL RECORD

PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
 DATE: 02/07/07
 (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"	1455	598.93	24.65	574.28
East "B"	1440	596.23	19.56	576.67
East "C"	1425	598.69	19.81	578.88
East "D"	1415	593.20	14.68	578.52
NCR-3S	1325	579.60	3.75	575.85
NCR-4S	1240	591.88	3.42	588.46
NCR-5S	1355	597.54	6.83	590.51
NCR-13S	1140	593.13	4.51	588.62

Wet Wells

		depth of water		
WWA	1155	~13"		
WWB	1230	~12"		
WWC	1320	~10"		
WWD	1215	~10"		

Total System

Time of

Flow

Measurement

36275475	1155

FORM 16

WATER LEVEL RECORD

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

DATE: 03/10/07
(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	24.84	574.09
East "B"		596.23	fringe	
East "C"		598.69	19.71	578.98
East "D"		593.20	14.82	578.38
NCR-3S		579.60	2.7	576.90
NCR-4S		591.88	2.8	589.08
NCR-5S		597.34	6.28	591.06
NCR-13S		593.13	4.39	588.74

Wet Wells

		depth of water		
WWA	12 ²⁰	~15"		
WWB		~8"		
WWC		~8"		
WWD		~12"		

Total System

Time of

Flow

Measurement

36513580	12 ²⁰

FORM 16

APPENDIX D

MONTHLY INSPECTION LOGS

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S):

R C Becker

DATE: *11/19/97*
(MM DD YY)

Item	Inspect For	Action Required	Comments
1. Perimeter Collection System/Off-Site Forcemain			
Manholes	- cover on securely - condition of cover - condition of inside of manhole - flow conditions	<i>good</i> <i>good</i> <i>good</i> <i>minor flow</i>	
Wet Wells	- cover on securely - condition of cover - condition of inside of wet well	<i>good</i> <i>good</i> <i>good</i>	
2. Landfill Cap			
Vegetated Soil Cover	- erosion - bare areas - washouts - leachate seeps - length of vegetation - dead/dying vegetation	<i>none</i> <i>none (snow covered)</i> <i>none</i> <i>none</i> <i>short</i> <i>winter kill</i>	

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S): P. C. Becker

DATE: 06/11/97
(MM DD YY)

Comments

Action Required

2. Landfill Cap (continued)

--	--	--	--

Access Roads

- bare areas, dead/dying veg.

- erosion

- potholes or puddles

- obstruction

snow covered

none

none

none

3. Wetlands (Area "P")

- dead/dying vegetation

- change in water budget

- general condition of wetlands

winter kill

slightly high

good

4. Other Site Systems

--	--	--	--

Perimeter Fence

- integrity of fence

- integrity of gates

- integrity of locks

- placement and condition of signs

found one cut Winter Rd. side repaired

good

good

good

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S): R. C. Barker

DATE: 01/19/07
(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 good none winter kill? good	
Culverts	- sediment build-up - erosion - condition of erosion protection - flow obstructions	none none good none	
Gas Vents Wells	- intact /damage - locks secure	good condition yes	

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S):

Richard C. Baker

DATE: 10/22/07
(MM DD YY)

Item

Inspect For

Action Required

Comments

1. Perimeter Collection System/Off-Site Force Main

Manholes

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

good
good
good
no flow

Wet Wells

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

good
good
good

2. Landfill Cap

Vegetated Soil Cover

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

none
snow covered
none
none
snow covered
winter kill

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S):

Richard C. Berken

DATE: 8/29/07
(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

snow covered
none
some
snow

3. Wetlands (Area "F")

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

winter kill
normal
OK

4. Other Site Systems

--	--	--	--

Perimeter Fence

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

hole cut in winter rd side of landfill repaired
good
good
good

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S):

Richard C Barker

DATE: 01/20/09
(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

snow
none
snow covered
snow
winter hill
snow covered

Culverts

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

snow
none
snow covered
snow

Gas Vents
Wells

- intact / damage
- locks secure

good condition
good condition

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S): R. Beck

DATE: 03/19/97
(MM DD YY)

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

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S): R. C. Baker

DATE: 03/10/07
(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	<u>snow covered</u> <u>none</u> <u>snow covered</u> <u>snow</u>	
3. Wetlands (Area "F")	- dead/dying vegetation - change in water budget - general condition of wetlands	<u>winter pool</u> <u>water level raised</u> <u>OK</u>	
4. Other Site Systems			
Perimeter Fence	- integrity of fence - integrity of gates - integrity of locks - placement and condition of signs	<u>one cut hole</u> <u>good</u> <u>good</u> <u>good</u>	

FORM 1

MONTHLY INSPECTION LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

INSPECTOR(S): RC Boden

DATE: 10/31/07
(MM DD YY)

Item	Inspect For	Action Required	Comments
4. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	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	<u>snow covered</u> <u>none</u> <u>snow covered</u> <u>snow</u> <u>winter pile</u> <u>OK</u>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Culverts	<u>none</u> <u>none</u> <u>OK</u> <u>snow</u>	
<input type="checkbox"/> <input type="checkbox"/>	Gas Vents Wells	<u>good condition</u> <u>OK</u>	

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: 01/04/07 (MM DD YY)

Time: 1100 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair level float switch wet well c

2. Company Performing Maintenance

Name: O&M Enterprises Inc.

Address: 7134 Marigold Dr.

North Tonawanda, NY

Contact Name: Rick Becken

3. Methods Used:

float switch stuck (hung up on another float)

using a long section of pvc conduit I reached down to float and
set it free

Description of Material Removed:

none

Problems/Comments:

none

11/4/07
DATE

RC Becken
INSPECTOR

[Signature]
INSPECTOR'S SIGNATURE

FORM 2

MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becken

1. Date: 01/12/07 (MM DD YY)

Time: 1300 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair/replace level control wet well C

2. Company Performing Maintenance

Name: O & M Enterprises Inc.

Address: 7134 Marigold Dr.
North Tonawanda, NY 14120

Contact Name: Rick Becken

3. Methods Used:

Replaced (on) level control float switch

Description of Material Removed:

float switch

Problems/Comments:

none

11/2/07
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: 01/23/07 (MM DD YY)

Time: 2015 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: float switch stuck in off position on WWC

2. Company Performing Maintenance

Name: DIM Enterprises Inc

Address: 7134 Mariqal Dr.
North Tonawanda, NY 14120

Contact Name: Rick Becker

3. Methods Used:

freed float switch with long piece of PVC conduit

Description of Material Removed:

none

Problems/Comments:

none

1/23/07
DATE

RC Becker

INSPECTOR

Rick Becker

INSPECTOR'S SIGNATURE

MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Becken

1. Date: 01/24/07 (MM DD YY)

Time: 0800 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: checking float switch on wet well C.

2. Company Performing Maintenance

Name: D&M Enterprises Inc.

Address: 7134 Manigold Dr.
North Tonawanda, NY 14120

Contact Name: Rick Becken

3. Methods Used:

checked float switch on wet well C to make certain it
is operating properly

Description of Material Removed:

none

Problems/Comments:

none

1/24/07

DATE

RC Becken

INSPECTOR

Rick Becken

INSPECTOR'S SIGNATURE

MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: RC Bocken

1. Date: 01/26/07 (MM DD YY)

Time: 1100 (HH mm)

Scheduled/Unscheduled:

scheduled

Type of Maintenance Performed: replace level floats in wet well

2. Company Performing Maintenance

Name: Ortm Enterprises Inc.

Address: 7134 Marigold Dr.
North Tonawanda, NY 14120

Contact Name: Rick Bocken

3. Methods Used:

Remove the two Warwick float controls for turning pump on and off
and replaced with new Warwick float controls. The new float
controls were attached to a long piece of PVC conduit so they could
be worked on easier (access wise), when needed the whole PVC conduit
can be raised out of the well to perform maintenance on the float controls

Description of Material Removed:

2 old float switches

Problems/Comments:

none

11/26/07
DATE

Richard C Bocken
INSPECTOR

Richard C Bocken
INSPECTOR'S SIGNATURE

FORM 2

MAINTENANCE RECORD LOG

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

CREW MEMBERS: Richard C Becker

1. Date: 020907 (MM DD YY)

Time: 1400 (HH mm)

Scheduled/Unscheduled: unscheduled

Type of Maintenance Performed: repair fence

2. Company Performing Maintenance

Name: DTM Enterprises, Inc.

Address: 7134 Marigold Dr.
North Tonawanda, NY 14120

Contact Name: Rick Becker

3. Methods Used:

Repaired hole cut in fence

Description of Material Removed:

none

Problems/Comments:

Reported to Niagara County Sheriff's report # 6481

2/9/07

DATE

Richard C Becker

INSPECTOR

Richard C Becker

INSPECTOR'S SIGNATURE

FORM 2

APPENDIX F

COMPACT DISK CONTAINING REPORT