2007 ANNUAL MONITORING 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 DEPARMENT OF ENVIRONMENTAL CONSERVATION

SUBMITTED BY:

Niagara County Refuse District and PRP Group

PREPARED BY:

PARSONS

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February 2008

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Submitted To:

The New York State Department of Environmental Conservation Division of Hazardous Waste Remediation

and

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TABLE OF CONTENTS

SECTION 1 INTRODUCTION	1-1
1.1 Introduction	
1.2 Procedures	1-1
1.2.1 Groundwater Sampling Procedure	
1.2.2 Effluent Sampling Procedure	
1.2.3 Water Levels	
1.2.4 Site Inspections	1-2
SECTION 2 RESULTS	2-1
2.1 Analytical Results	
2.1.1 Effluent Samples	
2.1.2 Groundwater Analytical Results	
2.2 Site inspections	
2.3 Maintenance	
2.4 Water Levels	
SECTION 3 SUMMARY AND CONCLUSIONS	3-1
SECTION 4 REFERENCES	4-1

LIST OF TABLES

Table 2.1	Monthly Site Inspection Findings	. 2-6
Table 2.2	Water Level Measurements	. 2-7

TABLE OF CONTENTS

LIST OF FIGURES

FIGURE 1.1 SITE PLAN

LIST OF APPENDICIES

APPENDIX A CITY OF NORTH TONAWANDA INDUSTRIAL WASTEWATER DISCHARGE PERMIT AND COMPLIANCE SAMPLING RESULTS

APPENDIX B CORRESPONDENCE

APPENDIX C MONTHLY INSPECTION LOGS

APPENDIX D MAINTENANCE RECORD LOGS

APPENDIX E WATER LEVEL RECORDS

SECTION 1 INTRODUCTION

1.1 INTRODUCTION

In accordance with the United States Environmental Protection Agency (USEPA) Record of Decision (USEPA, 1993), the United States District Court Consent Decree (USA, 1995), and the USEPA approved Operation, Maintenance, and Monitoring (OM&M) Manual (CRA, 2000), the Niagara County Refuse Site PRP Group performed a remedial action at the Niagara County Refuse Site (Site), Wheatfield, New York. The PRP Group is currently providing operations, maintenance, and monitoring (OM&M). This seventh Annual Monitoring Report summarizes monitoring activities from January through December 2007.

The Site is a former municipal landfill comprised of approximately 60 acres, located along the eastern border of the Town of Wheatfield, New York, and the western border of the City of North Tonawanda, New York. The southern edge of the Site lies approximately 500 feet north of the Niagara River. A perimeter collection system (PCS) and a perimeter barrier system are used to prevent offsite migration of contamination. These systems began operation in November of 2000.

1.2 PROCEDURES

1.2.1 Groundwater Sampling Procedure

Based on the OM&M Manual (CRA, 2000), groundwater sample collection was completed quarterly from the four monitoring wells at the Site for the first two years after PCS startup. The four wells are screened in the shallow overburden materials. Groundwater sampling on a quarterly schedule was completed in 2002, two years post-PCS startup. In accordance with the OM&M Manual, three years of semi-annual groundwater sampling were completed by 2005, five years after PCS startup. The first year of sampling groundwater on an annual schedule was begun in 2006. Samples were scheduled to be collected from wells NCR-3S, NCR-4S, NCR-5S, and NCR-13S in October 2007, but due to the lack of water in the wells, no groundwater samples were collected. The USEPA agreed that groundwater sampling should be delayed until there was adequate water present for sample collection (see email from USEPA to Parsons dated December 11, 2007 in Appendix B). Groundwater samples were collected in January 2008, when it was determined that there was adequate water levels in the wells. The results of the January 2008 groundwater sampling will be presented in the first quarter monitoring report in 2008. Annual groundwater sampling is scheduled to continue for an undetermined time period, assuming that water level conditions permit collection of groundwater samples.

A request was submitted to the USEPA and NYSDEC in 2005 to reduce the analytical parameters in each of the groundwater samples collected. The request proposed reducing groundwater laboratory analysis to five metals that have historically been identified as exceeding standards in the shallow groundwater at the Site. The elimination of analysis for VOCs and SVOCs was also proposed. The USEPA agreed, after discussions with the

NYSDEC and input from NYSDOH, to reduce the collection of volatile and semi-volatiles to every two years beginning in 2006 (every other groundwater sampling event). The USEPA requested that inorganic parameters continue to be analyzed for each groundwater sampling round. The basis for this decision was stated to be the significant residential growth around the Site in recent years.

1.2.2 Effluent Sampling Procedure

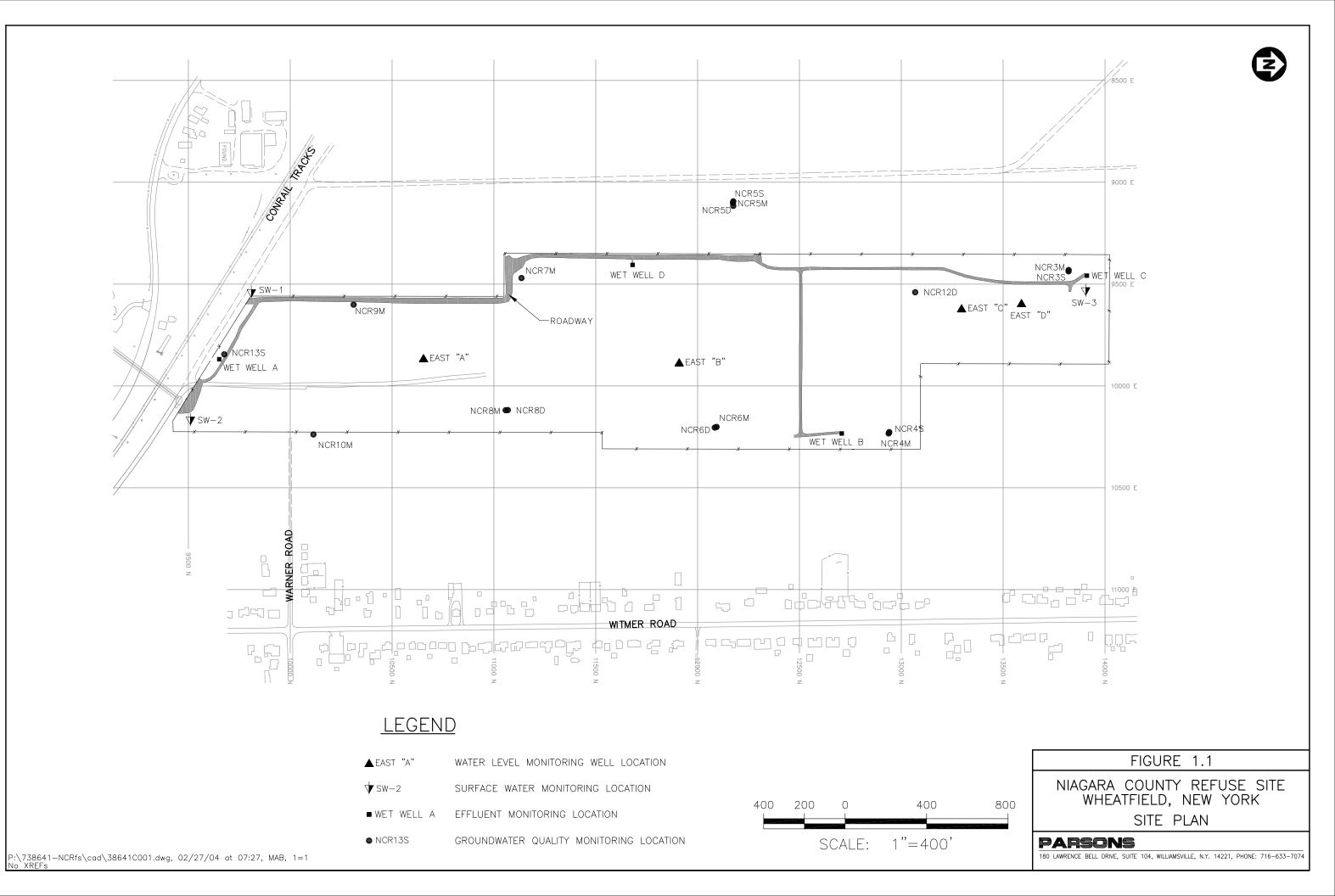
Groundwater from the perimeter collection system is discharged to the City of North Tonawanda treatment system without pre-treatment. A monitoring station in Wet Well A allows both the effluent water quality and the volume of effluent to be verified by the City of North Tonawanda. In compliance with the City of North Tonawanda Industrial Wastewater Discharge Permit, the effluent was sampled monthly through February 2007. A revised Industrial Wastewater Discharge Permit (Appendix A) was issued by the City of North Tonawanda that became effective on February 28, 2007 and expires on April 1, 2010. The revised permit has a reduced analytical parameter list compared to the original permit, and a semi-annual sampling frequency. A semi-annual sample was collected in September 2007. The effluent samples are collected in compliance with the OM&M Manual (CRA, 2000) and are analyzed by the City of North Tonawanda. The sole purpose of these analyses is for compliance with the Industrial Wastewater Discharge Permit.

1.2.3 Water Levels

Water levels were measured in four monitoring well locations inside the limits of the landfill, and four effluent monitoring locations. Water level measurements were collected monthly during 2007. 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.

1.2.4 Site Inspections

The Site was inspected by O&M Enterprises, Inc. on a monthly basis, in accordance with procedures in the OM&M Manual. The perimeter collection system, offsite force main, wetlands, perimeter fence, drainage ditches, swale outlets, culverts, gas vents, wells, and landfill cap were visually inspected.



SECTION 2 RESULTS

2.1 ANALYTICAL RESULTS

2.1.1 Effluent Samples

Effluent samples were collected in January, February, and September 2007 by O&M Enterprises, Inc. 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. All analytical results were found to be compliant with the discharge permit. A revised Industrial Wastewater Discharge Permit was issued by the City of North Tonawanda and is effective from February 28, 2007 through April 1, 2010. As can be seen in the revised permit, the analytical parameters and the sampling frequency have been reduced from the original permit. Effluent analytical results and the revised permit are presented in Appendix A.

2.1.2 Groundwater Analytical Results

Groundwater sampling was scheduled for October 2007, but was not completed due to the lack of adequate water in the wells. Water levels were checked in the wells periodically through the end of the reporting period; however, adequate levels were not present to complete the groundwater sampling event. The USEPA agreed that groundwater sampling should be delayed until adequate water was present in the wells for sample collection (see email from USEPA to Parsons dated December 11, 2007 in Appendix B). Groundwater samples were collected in January 2008. The analytical results of the January sampling will be presented in the quarterly monitoring report covering the first quarter of 2008. This reporting period includes months 75 to 86, since the start-up of the perimeter collection system in November 2000. The collection of quarterly and semi-annual groundwater samples has been completed as outlined in the OM&M Manual (CRA, 2000). Annual collection of groundwater samples began in 2006. Groundwater sample analytes are currently scheduled to include inorganic parameters (metals) annually, and volatile organic and semivolatile organic parameters every two years, as approved by the USEPA (see Appendix B).

2.2 SITE INSPECTIONS

Monthly Site inspections were conducted between January and December 2007. During the inspections, the perimeter collection system, offsite force main, manholes, wet wells, landfill cap, wetlands, perimeter fence, drainage ditches, swale outlets, culverts, gas vents, and monitoring wells were each visually inspected. A summary of the inspection findings is included in Table 2.1. Copies of the Monthly 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 in the wet wells were measured during each inspection visit. Examination of the landfill cap vegetative cover included checking for erosion, bare areas, washouts, leachate seeps, length of vegetation, and dead/dying vegetation. Additionally, during the examination of the landfill cap, the access roads were examined for bare areas, dead/dying vegetation, erosion, potholes/puddles, and obstructions. No surface erosion, bare spots, or leachate seeps were noted. The landfill cap was noted to be covered with snow during the January and February site inspections. The cover vegetation was noted to be low, typical for the early part of the year, in March, April, and May, then normal in June. From July through December, the cover vegetation was low, mainly due to the lower than normal amount of precipitation during the time period. Mowing of the cap was completed in September.

Post-construction monitoring of the wetland replacement was performed annually between 2001 and 2005. Monitoring results indicated that the wetland creation was successful. Although the formal annual inspections are no longer required, monthly visual inspection of the wetlands will continue, to document general conditions.

The wetlands were visually examined during monthly inspections for growth and propagation of wetland species, dead/dying vegetation, presence of invasive species (i.e., purple loosestrife), change in water budget, and general conditions. No signs of damage to the wetlands due to loss of vegetation, or changes in the water budget, were observed during each of the inspections. Water levels in the wetlands were noted as slightly high in January and May, slightly low in June, and low from July through the remainder of the year due to the drier than normal conditions. Water level conditions were lowest during the October and November Site inspections. Typical winter vegetative conditions were observed from January through April, and conditions were noted as good during the May through September inspections. October and November inspections noted dead and dying wetlands vegetation due to the low water levels, but the vegetation returned to normal in December.

A single hole cut in the perimeter fence was noted in January, February, and April. On each occasion, the Niagara County Sheriff's Department was notified, a police report was completed, and the hole was repaired. A hole was also identified in the perimeter fence in November. Again, the Sheriff's Department was called but did not respond, and no police report was completed. In December, a lock and chain was identified as missing from the gate on the east side of the landfill at the end of Werner Avenue. The lock and chain was replaced, and the Niagara County Sheriff's Department was notified.

All other parts of the landfill system, including the perimeter fence, drainage ditches, swale outlets, culverts, gas vents, and monitoring wells were found to be in acceptable condition.

2.3 MAINTENANCE

Scheduled maintenance during this reporting period included:

- Replacement of level control float switches in Wet Well C.
- Periodic pulling, cleaning, and reinstalling the pumps in the wet wells.
- Cutting small trees, brush, and weeds along the inside of the perimeter fence line.
- Replacement of vandalized signs (Restricted Area Authorized Personnel Only) around the perimeter of the site.

- Replacement of the vandalized security light on the exterior of the control building.
- Removal of float switches in wet well A and replacement with new float switches.
- Mowing the landfill cap.

Occasional unscheduled maintenance at the landfill is required. During this reporting period, several items requiring unscheduled maintenance were addressed.

- On January 4, a faulty level control float switch was repaired in wet well C.
- On January 23, a float control switch that had stuck on wet well C was repaired.
- On February 9, a hole cut in the perimeter fence was repaired, and a police report (Niagara County Sheriff's Department number 6481) was filed.
- On March 30, a hole cut in the perimeter fence was temporarily repaired and police report (Niagara County Sheriff's Department number 14490) was filed.
- On April 3, a stuck float switch was repaired at wet well A.
- On April 10, a section of fence that was damaged on the west side of the site was replaced. This is the section that had a hole identified on March 30, 2007.
- 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.
- On July 26, the hinge pins to a gate on the north side of the landfill had been removed. It appeared that access to the Site had not been gained. The hinge pins were reinstalled.
- On August 3, the hinge pins that were removed on July 26 were modified with a locking chain to increase site security.

Maintenance Record Logs are included in Appendix D.

2.4 WATER LEVELS

Monthly water level measurements were collected to (1) ensure that water levels inside the landfill are lowered by the operation of the perimeter collection system (Table 2.2); and (2) allow planning for groundwater sampling dates, when the maximum number of wells could be sampled. Water levels were collected from the wet wells, the piezometers (hydraulic monitoring locations) within the limits of the landfill, and the groundwater monitoring wells (see Figure 1.1). Water levels in the wet wells were collected during the monthly inspections and recorded on water level records (Appendix E). During 2007, water levels were collected from the monitoring wells on a monthly basis. Additional water level measurements were collected from the wells in October, November, and December to evaluate the potential for collecting groundwater samples. The additional water levels were not recorded. Water levels generally varied between 2 and 5 feet over the course of the year. Dry wells were more frequently encountered in the second half of 2007 than in previous years. In September and December all four of the measured wells were dry and in August, October, and November, three wells were dry when measured. Two of the four wells were found to be dry when measured in July.

Inspection Item	Acceptable	Not Acceptable	Comments
Manholes	X		
Wet Wells	X		Water levels were measured monthly.
Wetlands	X		Continued growth of target vegetation. A slightly higher than normal water level was noted during the January and May inspections. A slightly lower water level was noted during the June inspection. Water levels were low from July through December, with the lowest water levels encountered in October and November.
Perimeter Fence	X		Minor repairs were required to the fence and gates in 2007.
Condition of Roads	X		No erosion or other problems.
Integrity of the Cap	X		No problems were noted in 2007.
Drainage Ditches/Swales	Х		
Gas Venting System	X		
Wells	X		
Culverts	X		
Vegetative Cover	X		The vegetative cover was covered in snow during the January and February inspections. Height of vegetation on the cap was noted as low during the March, April, May, and July through December inspections. The cap was mowed after the September 2007 inspection.

Table 2.1 Monthly Site Inspection Results

	Elevation	12/5	/2000	1/8/	2001	2/1/:	2001	3/8/	2001	4/4	2001	5/8/	2001	6/5/	/2001	7/2	/2001	8/1/	/2001	9/5/	2001	10/4	/2001	11/5	/2001	12/1	1/2001
Observation	Top of	Depth to	Elevation	Depth to	Elevation																						
Point	Casing	Water	(ft. msl)																								
	(ft. msl)	(ft)																									
East "A"	598.93	22.05	576.88	-	-	-	-	21.34	577.59	-	-	22.21	576.72	21.98	576.95	-	-	22.51	576.42	22.63	576.30	22.61	576.32	22.74	576.19	22.88	576.05
East "B"	596.23	19.12	577.11	-	-	-	-	19.35	576.88	-	-	19.23	577.00	19.30	576.93	-	-	20.50	575.73	19.44	576.79	19.22	577.01	19.36	576.87	19.44	576.79
East "C"	598.69	17.46	581.23	-	-	-	-	17.86	580.83	-	-	18.37	580.32	18.38	580.31	-	-	18.65	580.04	18.64	580.05	18.20	580.49	18.80	579.89	18.75	579.94
East "D"	593.20	11.10	582.10	-	-	-	-	12.45	580.75	-	-	12.86	580.34	12.79	580.41	-	-	13.00	580.20	12.8	580.40	12.24	580.96	12.74	580.46	12.94	580.26
WW A	-	2.50	-	2.67	-	2.33	-	1.13	-	2.29	-	1.83	-	2.17	-	1.58	-	1.83	-	-	-	1.83	-	2.33	-	2.08	-
WW B	-	2.20	-	2.42	-	1.96	-	1.09	-	1.79	-	2.17	-	1.92	-	1.50	-	2.00	-	1.92	-	1.58	-	1.50	-	2.08	-
WW C	-	1.50	-	2.42	-	1.70	-	0.92	-	2.04	-	2.00	-	1.67	-	1.33	-	2.08	-	2.33	-	1.25	-	2.00	-	1.58	-
WW D	-	1.70	-	-	-	1.50	-	0.99	-	1.08	-	1.50	-	1.33	-	2.0	-	1.25	-	2.25	-	2.00	-	2.08	-	1.33	-
NCR-3S	579.60	-	-	-	-	-	-	-	-	-	-	-	-	3.71	575.89	-	-	dry	-	dry	-	dry	-	5.10	574.50	4.64	574.96
NCR-4S	577.88	-	-	-	-	-	-	-	-	-	-	-	-	4.28	573.60	-	-	dry	-	dry	-	dry	-	4.51	573.37	3.92	573.96
NCR-5S	579.34	-	-	-	-	-	-	-	-	-	-	-	-	9.10	570.24	-	-	dry	-								
NCR-13S	577.15	-	-	-	-	-	-	-	-	-	-	-	-	7.05	570.10	-	-	7.85	569.30	7.80	569.35	7.70	569.45	6.65	570.50	6.11	571.04

	Elevation	1/2/	/2002	2/4/	/2002	3/4/	/2002	4/1/	2002	5/3/	2002	6/4/	2002	7/2/	2002	8/7/	2002	9/6/	2002	10/3	3/2002	11/7	/2002	12/3	3/2002
Observation	Top of	Depth to	Elevation																						
Point	Casing	Water	(ft. msl)																						
	(ft. msl)	(ft)																							
East "A"	598.93	22.90	576.03	22.81	576.12	22.03	576.90	22.25	576.68	20.06	578.87	19.84	579.09	22.00	576.93	22.65	576.28	22.78	576.15	28.48	570.45	23.25	575.68	23.36	575.57
East "B"	596.23	19.63	576.60	19.39	576.84	19.46	576.77	19.49	576.74	19.44	576.79	20.59	575.64	19.56	576.67	19.40	576.83	19.40	576.83	19.46	576.77	19.35	576.88	-	-
East "C"	598.69	18.70	579.99	18.51	580.18	18.70	579.99	18.63	580.06	18.80	579.89	18.74	579.95	18.78	579.91	18.95	579.74	18.92	579.77	18.99	579.70	19.30	579.39	19.35	579.34
East "D"	593.20	13.16	580.04	12.95	580.25	13.3	579.90	13.35	579.85	13.50	579.70	13.73	579.47	13.74	579.46	13.81	579.39	13.58	579.62	14.01	579.19	13.2	580.00	13.54	579.66
WW A	-	1.17	-	2.17	-	1.67	-	2.00	-	2.00	-	2.17	-	1.50	-	2.50	-	1.83	-	1.50	-	1.42	-	2.00	-
WW B	-	1.00	-	2.00	-	1.25	-	1.33	-	1.67	-	2.00	-	1.58	-	1.67	-	1.42	-	1.33	-	1.17	-	1.25	-
WW C	-	1.50	-	1.42	-	1.58	-	1.50	-	1.83	-	1.25	-	1.67	-	2.17	-	1.50	-	1.33	-	1.25	-	1.50	-
WW D	-	1.50	-	1.00	-	1.42	-	1.17	-	1.58	-	1.50	-	1.92	-	2.00	-	1.67	-	2.00	-	1.33	-	1.50	-
NCR-3S	579.60	4.54	575.06	4.52	575.08	3.90	575.70	4.10	575.50	4.43	575.17	5.20	574.40	5.71	573.89	5.90	573.70	dry	-	5.91	573.69	dry	-	4.46	575.14
NCR-4S	577.88	3.71	574.17	3.70	574.18	3.80	574.08	3.66	574.22	3.75	574.13	4.02	573.86	4.45	573.43	dry	-	dry	-	dry	-	dry	-	3.95	573.93
NCR-5S	579.34	8.42	570.92	7.69	571.65	7.68	571.66	7.61	571.73	8.28	571.06	9.10	570.24	9.52	569.82	dry	-								
NCR-13S	577.15	5.85	571.30	5.76	571.39	5.74	571.41	5.81	571.34	6.07	571.08	6.27	570.88	7.25	569.90	7.57	569.58	dry	-	7.78	569.37	dry	-	6.40	570.75

	Elevation	1/6	/2003	2/5/	/2003	3/6/	2003	4/2/2	2003	5/5/	2003	6/5/	2003	7/1/	2003	8/11	/2003	9/2/	2003	10/8	/2003	11/12	/2003	12/6	6/2003
Observation	Top of	Depth to	Elevation																						
Point	Casing	Water	(ft. msl)																						
	(ft. msl)	(ft)																							
East "A"	598.93	23.48	575.45	23.51	575.42	23.65	575.28	23.75	575.18	23.81	575.12	23.25	575.68	23.11	575.82	23.25	575.68	23.41	575.52	23.35	575.58	23.71	575.22	23.85	575.08
East "B"	596.23	19.53	576.70	19.40	576.83	19.59	576.64	19.61	576.62	19.70	576.53	19.66	576.57	19.77	576.46	19.58	576.65	19.64	576.59	19.59	576.64	19.65	576.58	NA	NA
East "C"	598.69	18.82	579.87	19.11	579.58	18.99	579.70	19.07	579.62	18.98	579.71	19.00	579.69	19.39	579.30	19.19	579.50	19.25	579.44	19.24	579.45	18.81	579.88	19.27	579.42
East "D"	593.20	13.24	579.96	13.52	579.68	13.7	579.50	13.88	579.32	14.15	579.05	14.07	579.13	14.31	578.89	14.04	579.16	14.04	579.16	13.97	579.23	13.64	579.56	14.02	579.18
WW A	-	1.42	-	1.25	-	1.50	-	1.42	-	1.58	-	1.33	-	1.33	-	1.17	-	1.42	-	1.33	-	2.00	-	1.33	-
WW B	-	1.08	-	1.17	-	1.67	-	1.17	-	0.75	-	1.25	-	1.42	-	1.50	-	1.50	-	1.17	-	1.42	-	1.67	-
WW C	-	1.33	-	1.50	-	1.25	-	1.33	-	1.50	-	1.42	-	1.00	-	1.08	-	1.08	-	1.08	-	1.00	-	1.67	-
WW D	-	1.42	-	1.67	-	1.08	-	1.25	-	1.50	-	1.50	-	1.25	-	1.58	-	1.33	-	1.50	-	1.58	-	1.50	-
NCR-3S	579.60	3.84	575.76	4.06	575.54	4.55	575.05	4.39	575.21	4.39	575.21	4.41	575.19	5.80	573.80	5.92	573.68	dry	NA	dry	NA	4.45	575.15	4.24	575.36
NCR-4S	577.88	2.91	574.97	-	-	-	-	3.65	574.23	3.60	574.28	2.65	575.23	4.05	573.83	3.98	573.90	dry	NA	4.37	573.51	2.93	574.95	2.88	575.00
NCR-5S	579.34	7.95	571.39	8.69	570.65	8.11	571.23	7.66	571.68	8.58	570.76	8.08	571.26	9.26	570.08	10.12	569.22	10.95	568.39	dry	NA	10.40	568.94	8.11	571.23
NCR-13S	577.15	5.89	571.26	5.54	571.61	6.16	570.99	6.05	571.10	6.13	571.02	6.11	571.04	7.21	569.94	7.48	569.67	7.59	569.56	7.77	569.38	6.35	570.80	6.07	571.08

	Elevation	1/2	/2004	2/5/	/2004	3/1/	2004	4/5/	2004	5/4/	2004	6/11	/2004	7/10	/2004	8/9/	2004	9/8/	2004	10/2	/2004	11/4	/2004	12/3	3/2004
Observation	Top of	Depth to	Elevation																						
Point	Casing	Water	(ft. msl)																						
	(ft. msl)	(ft)																							
East "A"	598.93	23.90	575.03	23.93	575.00	24.00	574.93	23.26	575.67	22.14	576.79	19.44	579.49	19.19	579.74	20.70	578.23	23.31	575.62	23.34	575.59	22.44	576.49	22.48	576.45
East "B"	596.23	19.83	NA	NA	NA	NA	NA	19.60	576.63	19.65	576.58	19.81	576.42	19.75	576.48	19.85	576.38	19.68	576.55	19.53	576.70	17.51	578.72	17.49	578.74
East "C"	598.69	19.12	579.57	19.79	578.90	19.22	579.47	19.36	579.33	19.24	579.45	19.42	579.27	19.28	579.41	19.56	579.13	19.48	579.21	19.36	579.33	18.95	579.74	18.94	579.75
East "D"	593.20	13.9	579.30	14.52	578.68	14.11	579.09	14.05	579.15	14.25	578.95	14.5	578.70	14.4	578.80	14.64	578.56	14.3	578.90	14.18	579.02	14.05	579.15	14.01	579.19
WW A	-	1.58	-	1.17	-	2.17	-	0.75	-	1.25	-	1.50	-	1.25	-	1.25	-	1.33	-	1.25	-	1.42	-	1.67	-
WW B	-	1.33	-	NA	-	1.50	-	1.30	-	1.17	-	1.17	-	1.17	-	1.25	-	1.00	-	1.00	-	1.17	-	0.42	-
WW C	-	1.08	-	1.00	-	1.17	-	1.17	-	1.00	-	1.08	-	1.17	-	1.08	-	1.17	-	1.17	-	1.58	-	0.25	-
WW D	-	1.17	-	1.08	-	1.67	-	0.65	-	1.50	-	1.33	-	1.00	-	1.00	-	1.25	-	1.00	-	1.17	-	0.25	-
NCR-3S	579.60	4.11	575.49	4.21	575.39	3.19	576.41	4.09	575.51	3.37	576.23	4.92	574.68	dry	-	4.36	575.24	5.44	574.16	dry	-	2.42	577.18	3.06	576.54
NCR-4S	577.88	2.65	575.23	2.72	575.16	2.42	575.46	2.53	575.35	2.76	575.12	2.99	574.89	3.74	574.14	3.50	574.38	3.32	574.56	3.65	574.23	2.74	575.14	2.75	575.13
NCR-5S	579.34	7.53	571.81	8.34	571.00	7.01	572.33	7.10	572.24	7.99	571.35	8.80	570.54	9.20	570.14	9.40	569.94	9.20	570.14	9.28	570.06	9.90	569.44	7.27	572.07
NCR-13S	577.15	5.72	571.43	5.95	571.20	5.88	571.27	5.49	571.66	6.08	571.07	6.22	570.93	7.08	570.07	7.09	570.06	6.75	570.40	7.16	569.99	5.95	571.20	4.28	572.87

	Elevation	1/5/	2005	2/3/	2005	3/9/	2005	4/2/	2005	6/4/2	2005	7/6/	2005	8/4	2005	9/3/	2005	10/7	/2005	12/10	0/2005
Observation	Top of	Depth to	Elevation																		
Point	Casing	Water	(ft. msl)																		
	(ft. msl)	(ft)																			
East "A"	598.93	24.20	574.73	21.21	577.72	19.45	579.48	22.21	576.72	22.19	576.74	23.24	575.69	23.49	575.44	23.57	575.36	24.07	574.86	24.47	574.46
East "B"	596.23	19.68	576.55	19.52	576.71	19.79	576.44	19.66	576.57	19.97	576.26	19.89	576.34	19.96	576.27	19.70	576.53	19.51	576.72	19.50	576.73
East "C"	598.69	19.60	579.09	19.42	579.27	19.33	579.36	19.15	579.54	19.71	578.98	19.76	578.93	19.57	579.12	19.51	579.18	19.65	579.04	19.39	579.30
East "D"	593.20	14.2	579.00	14.35	578.85	13.89	579.31	14.29	578.91	14.68	578.52	14.64	578.56	14.62	578.58	14.47	578.73	14.4	578.80	14.24	578.96
WW A	-	0.58	-	1.08	-	0.50	-	1.00	-	1.00	-	1.00	-	1.25	-	1.17	-	1.33	-	1.50	-
WW B	-	1.50	-	1.17	-	0.83	-	1.25	-	1.17	-	1.50	-	1.42	-	0.92	-	1.17	-	1.17	-
ww c	-	0.67	-	1.00	-	1.00	-	1.00	-	1.25	-	0.92	-	1.25	-	1.00	-	1.00	-	0.83	-
WW D	-	1.25	-	1.25	-	1.00	-	1.17	-	1.33	-	0.92	-	1.50	-	1.00	-	1.08	-	1.08	-
NCR-3S	579.60	1.82	577.78	3.39	576.21	3.11	576.49	1.50	578.10	5.93	573.67	dry		5.96	573.64	dry		5.63	573.97	4.21	575.39
NCR-4S	577.88	2.60	575.28	3.08	574.80	frozen		2.51	575.37	3.87	574.01	dry		dry		dry		3.69	574.19	2.99	574.89
NCR-5S	579.34	5.46	573.88	6.57	572.77	6.14	573.20	6.36	572.98	8.10	571.24	10.60	568.74	dry		dry		dry		8.17	571.17
NCR-13S	577.15	3.60	573.55	5.14	572.01	4.34	572.81	3.19	573.96	6.59	570.56	7.52	569.63	7.79	569.36	dry		7.21	569.94	6.06	571.09

	Elevation	1/13	3/2006	2/10	/2006	3/3	/2006	4/8/	2006	5/1/	2006	6/7/	2006	7/14	/2006	8/8/	2006	9/18	/2006	10/7	/2006	11/3	/2006	12/1	1/2006
Observation	Top of	Depth to	Elevation																						
Point	Casing	Water	(ft. msl)																						
	(ft. msl)	(ft)																							
East "A"	598.93	24.55	574.38	24.68	574.25	24.72	574.21	24.22	574.71	24.81	574.12	23.53	575.40	24.77	574.16	24.23	574.70	24.68	574.25	24.78	574.15	24.74	574.19	24.53	574.40
East "B"	596.23	19.45	576.78	19.85	576.38	19.87	576.36	19.86	576.37	21.10	575.13	19.80	576.43	19.79	576.44	19.84	576.39	19.51	576.72	19.80	576.43	19.86	576.37	18.80	577.43
East "C"	598.69	19.28	579.41	19.75	578.94	19.84	578.85	19.77	578.92	20.09	578.60	19.69	579.00	19.71	578.98	19.66	579.03	19.37	579.32	20.78	577.91	20.03	578.66	19.26	579.43
East "D"	593.20	14.15	579.05	14.48	578.72	14.44	578.76	14.46	578.74	14.74	578.46	14.87	578.33	14.83	578.37	14.71	578.49	14.45	578.75	14.95	578.25	14.67	578.53	14.45	578.75
WW A	-	1.17	-	1.17	-	1.17	-	1.00	-	1.25	-	1.25	-	1.00	-	1.17	-	1.17	-	1.17	-	1.08	-	1.33	-
WW B	-	0.83	-	1.17	-	0.92	-	1.08	-	1.08	-	1.08	-	1.25	-	1.00	-	0.83	-	0.92	-	1.00	-	0.83	-
WW C	-	0.92	-	1.00	-	1.00	-	1.08	-	1.08	-	1.00	-	1.25	-	1.00	-	0.83	-	1.00	-	0.92	-	0.67	-
WW D	-	1.08	-	1.00	-	0.92	-	0.92	-	1.00	-	1.17	-	0.92	-	0.92	-	0.92	-	1.00	-	1.00	-	1.00	-
NCR-3S	579.60	2.77	576.83	3.02	576.58	3.48	576.12	2.45	577.15	3.44	576.16	dry		dry		5.85	573.75	3.67	575.93	3.06	576.54	3.51	576.09	1.35	578.25
NCR-4S	577.88	2.83	575.05	2.91	574.97	3.30	574.58	2.72	575.16	3.26	574.62	4.31	573.57	4.59	573.29	dry		3.51	574.37	2.97	574.91	3.15	574.73	2.44	575.44
NCR-5S	579.34	7.43	571.91	7.96	571.38	8.58	570.76	7.91	571.43	8.79	570.55	8.97	570.37	dry		dry		dry		7.37	571.97	6.22	573.12	4.21	575.13
NCR-13S	577.15	5.78	571.37	5.99	571.16	6.08	571.07	5.84	571.31	6.15	571.00	7.33	569.82	7.57	569.58	7.69	569.46	6.36	570.79	5.72	571.43	4.33	572.82	2.77	574.38

	Elevation	1/19	/2007	2/9/2	2007	3/10	/2007	4/2/2	2007	5/4/	2007	6/1/2	2007	7/2/2	2007	8/2/2	2007	9/17/	/2007	10/12	2/2007	11/1/	2007	12/1	/2007
Observation	Top of	Depth to	Elevation																						
Point	Casing	Water	(ft. msl)																						
	(ft. msl)	(ft)																							
East "A"	598.93	24.98	573.95	24.65	574.28	24.84	574.09	24.88	574.05	25.02	573.91	25.50	573.43	24.98	573.95	24.96	573.97	25.03	573.90	24.98	573.95	25.11	573.82	25.13	573.80
East "B"	596.23	19.38	576.85	19.56	576.67			19.98	576.25	20.07	576.16	19.78	576.45	19.86	576.37	19.85	576.38	19.81	576.42	19.50	576.73	19.52	576.71	19.59	576.64
East "C"	598.69	19.51	579.18	19.81	578.88	19.71	578.98	20.10	578.59	20.17	578.52	19.87	578.82	19.99	578.70	19.97	578.72	20.19	578.50	19.78	578.91	19.93	578.76	19.97	578.72
East "D"	593.20	14.38	578.82	14.68	578.52	14.82	578.38	15.24	577.96	15.09	578.11	15.1	578.10	15.19	578.01	15.11	578.09	15.16	578.04	14.64	578.56	14.8	578.40	14.86	578.34
WW A	-	1.17	-	1.08	-	1.25	-	1.08	-	1.25	-	1.17	-	1.00	-	0.83	-	0.67	-	1.00	-	0.92	-	1.00	-
WW B	-	1.00	-	1.00	-	0.67	-	1.17	-	0.75	-	0.92	-	0.83	-	0.83	-	0.83	-	0.92	-	1.08	-	1.17	-
WW C	-	0.83	-	0.83	-	0.67	-	0.83	-	0.83	-	0.83	-	0.67	-	0.50	-	0.67	-	0.50	-	1.00	-	1.08	-
WW D	-	1.00	-	0.83	-	1.00	-	0.83	-	0.83	-	1.00	-	0.83	-	1.00	-	0.75	-	0.83	-	1.00	-	1.00	-
NCR-3S	579.60	3.04	576.56	3.75	575.85	2.70	576.90	3.26	576.34	3.50	576.10	5.89	573.71	dry											
NCR-4S	577.88	2.94	574.94	3.42	574.46	2.80	575.08	2.93	574.95	3.19	574.69	3.90	573.98	dry											
NCR-5S	579.34	5.77	573.57	6.83	572.51	6.28	573.06	6.08	573.26	6.75	572.59	8.87	570.47	10.99	568.35	dry									
NCR-13S	577.15	3.85	573.30	4.51	572.64	4.39	572.76	4.25	572.90	4.81	572.34	7.01	570.14	7.44	569.71	7.70	569.45	dry		7.72	569.43	7.75	569.40	dry	

SECTION 3 SUMMARY AND CONCLUSIONS

The following summary and conclusions were developed based on the data collected during this reporting period (January through December 2007):

- The objectives of the groundwater monitoring program (to monitor the effectiveness of the perimeter collection system and the perimeter barrier system) have been met. The groundwater monitoring program provides data for demonstration of the effectiveness of the hydraulic containment, collection, and extraction of Site-related groundwater.
- Semi-annual groundwater sample collection was completed in 2005 and annual groundwater sampling was begun in 2006. The annual collection of groundwater samples during this reporting period was postponed to January 2008 due to the lack of available groundwater in the monitoring wells. Future groundwater sampling will be conducted on an annual basis, as indicated in the OM&M Manual (CRA, 2000) for the Site. As indicated in the November 21, 2005 letter from USEPA, groundwater sample analytical parameters were reduced to inorganic parameters on an annual basis, and volatile and semivolatile analytical parameters, in addition to inorganics, were collected in January 2008. The annual groundwater samples scheduled for collection in October 2008 will be analyzed for inorganic parameters only.
- The landfill was inspected monthly and was appropriately maintained.
- Post-construction monitoring of the wetland replacement was performed annually between 2001 and. 2005. Monitoring results indicated that the wetland creation was successful. Although the formal annual inspections are no longer required, monthly visual inspection of the wetlands will continue, to document general conditions.
- Water levels were collected from the wet wells, monitoring wells, and the locations on top of the landfill on a monthly basis in 2007. Water levels generally varied between 2 and 5 feet over the course of the year. During the second half of 2007, several of the monitoring wells were found to be dry due to lower than normal precipitation.

SECTION 4 REFERENCES

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

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

CRA, 2000, 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 AND COMPLIANCE SAMPLING RESULTS

Feb. 22. 2007 12:42PM

No. 1836 P. 2

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

MIL

Treatment Flant Superintendent Signed this 31st day of January, 2007

Feb. 22. 2007 12:42PM

No. 1836 P. 3

PERMIT	NUMBER:	2628010
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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
/	BOD	Monitor Only	1 Sampling Day semi-annual	24 hr comp.
1	Total Suspended Solids	Monitor Only	1 Sampling Day semi-annual	24 hr comp.

Feb. 22. 2007 12:42PM

No. 1836 P. 4

PERMIT NUMBER: 2628010

Part I Page ' of 4

PART I. SPECIFIC CONDITIONS

B. DISCHARGE 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 on the no later than the days specified below.

Sample Point	Parameter	Initial Monitoring Report	Subsequent Monitoring Reports
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	January 31, 2007	semi-annual
	47		

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Feb. 22. 2007 12:42PM

No. 1836 P. 5

PERMIT NUMBER: 262801	P	ERMIT	NU	MBER:	2628010
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Part I Page 4 of 4

PART I. SPECIFIC CONDITIONS

- C. SPECIAL REQUIREMENTS
 - 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.
 - Frequency of monitoring is to be re-evaluated yearly..
 - 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.

ANALYTICAL RESULTS : NIAGARA COUNTY REFUSE SITE: Jan., Feb. Sep. 2007

PARAMETER	RESULT mg/l	RESULT mg/l	RESULT mg/l	COMP.
pH (COMP.)	7.06	7.79	7.08	YES
COD	47	42	390	YES
SUSPENDED SOLIDS	3	8	48	YES
BOD	9	10	23	YES
PO4	0.21	0.18	0.42	YES
PHENOLS	< 0.009	< 0.009	< 0.010	YES
ALUMINUM	< 0.024	< 0.029	0.107	YES
CHROMIUM	< 0.025	< 0.025	< 0.025	YES
LEAD	< 0.024	< 0.022	< 0.024	YES
NICKEL	< 0.032	< 0.024	< 0.024	YES
ZINC	0.028	< 0.026	0.076	YES
IRON	0.677	0.936	9.141	YES
MAGNESIUM	140	151	235	YES
MANGANESE	0.34	0.21	2.00	YES
SODIUM	72.3	198 *****	838	YES
Benzene	< 0.005	< 0.013	< 0.005	YES
Toluene	< 0.006	< 0.016	< 0.005	YES
Chlorobenzene	< 0.008	< 0.014	< 0.005	YES
Ethylbenzene	< 0.007	< 0.008	< 0.005	YES
Total Xylenes	< 0.015	< 0.015	< 0.015	YES
1,3 - Dichlorobenzene	< 0.007	< 0.010	< 0.005	YES
1,4-Dichlorobenzene	< 0.007	< 0.011	< 0.005	YES
1,2 - Dichlorobenzene	< 0.006	< 0.012	< 0.005	YES
Vinyl Chloride	< 0.005	< 0.019	< 0.006	YES
1,1-Dichloroethene	< 0.005	< 0.019	< 0.008	YES
Methylene chloride	< 0.006	< 0.020	< 0.008	YES
rans-1,2 Dichloroethene	< 0.006	< 0.020	< 0.006	YES
1,1-Dichloroethane	< 0.006	< 0.021	< 0.006	YES
Chloroform	< 0.006	< 0.021	< 0.008	YES
1,1,1-Trichloroethane	< 0.006	< 0.020	< 0.007	YES
3 CI - ethylene	< 0.006	< 0.016	< 0.006	YES
FOTAL FLOW (gallons)	33,090	7,148	578	
SAMPLE DATE	1/5/2007	2/9/2007	9/7/2007	

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,

facture Michael J. Negrelli(

Remedial Project Manager New York Remediation Branch

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

From:	Negrelli.Mike@epamail.epa.gov
То:	Felter, Eric;
cc:	<pre>barberwb@bp.com; Raybuck, Mark; richard.pope@Niagaracounty.com;</pre>
	jakonsel@gw.dec.state.ny.us; bpsadows@gw.dec.state.ny.us;
Subject:	Re: NCR Annual GW Sampling
Date:	Tuesday, December 11, 2007 9:25:21 AM

Thanks Eric. I will place this email in the file for the record. I agree that we need to wait for there to be enough water in the wells to collect a sample. Keep me posted.

"Felter, Eric" <eric.felter@pa< th=""><th></th></eric.felter@pa<>	
rsons.com>	То
	Mike Negrelli/R2/USEPA/US@EPA
12/10/2007	CC
09:43 AM	"Raybuck, Mark"
	<mark.raybuck@parsons.com>,</mark.raybuck@parsons.com>
	<richard.pope@niagaracounty.com>,</richard.pope@niagaracounty.com>
	<barberwb@bp.com></barberwb@bp.com>
	Subject
	NCR Annual GW Sampling

Mike,

I wanted to provide you with an update on the status of the annual groundwater sampling at the Niagara County Refuse site. The 2007 annual groundwater sampling has yet to be completed due to a lack of water in the monitoring wells. As of two weeks ago, two of the wells had a few inches of water and two wells had approximately one inch of water. While this is better than previous months, this would have limited sample collection to two wells or less. O&M Enterprises, Inc. plans to check the water levels weekly and evaluate the possibility of sampling during the next few weeks. The annual groundwater sampling may need to be

delayed to the spring of 2008.

Please feel free to call or email if you have any questions or comments.

Regards, Eric

Eric A. Felter, P.G. Principal Geologist Parsons 40 La Riviere Drive, Ste 350 Buffalo, NY 14202 Phone direct: (716) 809-9140 Phone office: (716) 541-0730 Fax: (716) 541-0760 Email: Eric.Felter@parsons.com

SAFETY - MAKE IT PERSONAL

APPENDIX C MONTHLY INSPECTION LOGS

		MONTHLY INSPECTION LOG	DOG		
PROJECT NAME: Niagara County Refuse Site	a County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	DC Bester		DATE:	(11 10 16 11 1 19)	
Item	Inspect For	Action Required		Comments	
Perimeter Collection	Perimeter Collection System/Off-Site Forcemain				
Manholes	- cover on securely	Good			
	- condition of cover	Good			
	- condition of inside of manhole	9000			
	- flow conditions	mine flow			
Wet Wells	- cover on securely	good			
	- condition of cover	Good			
	- condition of inside of wet well	Good			
Landfill Cap					
Vegetated Soil Cover	- erosion	noul			
	- bare areas	more CENAS covered	(0		
	- washouts				
	- leachate seeps	mane			
	- length of vegetation	almt.			
	- dead/dying vegetation	winter kiel			
FORM 1					

CRA 5723 (17)

PROJECT NAME: Niagar	Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	RC Bede		DATE:	LU11119	
ltem	Inspect For	Action Required	I	Comments	
2. Landfill Cap (continued)	(pan				
Access Roads	- bare areas, dead/dying veg.	anon covered	-		
	- erosion	nord		*	
	- potholes or puddles	more			
	- obstruction	wart			
3. Wetlands (Area "P")	- dead/dying vegetation	winter pile			
	 change in water budget ceneral condition of wellands 	alighter high			
	Contraction of the Internation	1			1
Other Site Systems					
Perimeter Fence	- integrity of fence	found one cut Who	cut When Ed. side	reprised	
	- integrity of gates	guad			
	- integrity of locks	Joseb			
	 placement and condition of signs 	Joob			
				1	
				4.5	

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K. (Dat lease Inspect For Inspect For Inspect For Inspect For Action Required Systems (continued) Systems (continued) itches/ - sediment build-up etcs - erosion itches/ - sediment build-up itches/ - sediment build-up etcs - erosion - condition of erosion protection - condition - condition of erosion mats and tiprap - condition - erosion - orother - erosion - condition of erosion protection - erosion - orother - erosion - condition of erosion protection - erosion - orother - erosion - condition of erosion protection - formed - condition of erosion protection - erosion - condition of erosion protection - formed - condition of erosion protection - intact / damage - condition			2	DATE:	Wheatteld, New York	
e Systems (continued) Diches/ = ediment build-up tets = erosion = fow obstructions = fow obstructions = fow obstructions = erosion = erosion = erosion = fow obstructions = fow obstructions = fow obstructions = fow secure = for	INSPECTOR(S):	Inspect For	Action Required	T	Commente	
Ditches/ - sediment build-up tlets - erosion - condition of erosion protection - flow obstructions - dead/dying vegetation - dead/dying vegetation	er Site Systems ((continued)				
 erosion condition of erosion protection Rlow obstructions dead/dying vegetation dead/dying vegetation coble concrete/gabion mats and riprap reconclustion sediment build-up erosion erosion<	Drainage Ditches/	- sediment build-up	hour		:	
 condition of erosion protection flow obstructions dead/dying vegetation dead/dying vegetation coble concrete/gabion mats and riprap riprap sediment build-up sediment build-up erosion erosion erosion flow obstructions intact /damage locks secure 	le Outlets	- erosion	mone			
 Row obstructions dead/dying vegetation dead/dying vegetation coble concrete/gabion mats and riprap sediment build-up sediment build-up erosion erosion erosion flow obstructions flow obstructions intact /damage locks secure 		- condition of erosion protection	good			
 dead/dying vegetation cable concrete/gabion mats and riprap sediment build-up sediment build-up erosion erosion erosion flow obstructions flow obstructions locks secure 		- flow obstructions	man			
 - cable concrete/gabion mats and riprap - sediment build-up - erosion - erosion - erosion protection - condition of erosion protection - notections - locks secure - locks secure 		- dead/dying vegetation				
 sediment build-up erosion erondition of erosion protection flow obstructions flow obstructions intact / damage locks secure 		 cable concrete/gabion mats and riprap 	Josef			
 sediment build-up erosion condition of erosion protection flow obstructions flow obstructions nade flow secure locks secure 					2	
 erosion condition of erosion protection flow obstructions flow admage intact /damage locks secure 	Culverts	- sediment build-up	Mone			
 condition of erosion protection flow obstructions intact / damage locks secure 		- erosion	non			
 Row obstructions - intact / damage - locks secure 		- condition of erosion protection	quad			
 - intact / damage - locks secure 		- flow obstructions	me			
 - mtact / damage - locks secure 	1 miles	1	, , , , , , , , , , , , , , , , , , ,			
	vents	- intact / damage	gurd condition		-	
	Wells	 locks secure 	ort.			

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		MONTHLY INSPECTION LOG	()		
ECT NAME: Nia	PROJECT NAME: Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	Rehard Briken		DATE:	MAN DO TO A	
Item	Inspect For	Action Required		Comments	
Perimeter Collect	Perimeter Collection System/Off-Site Forcemain				÷.
Manholes	- cover on securely	avel			
	- condition of cover	good		2	
	- condition of inside of manhole	90000			
	- flow conditions	no flow			
Wet Wells	- cover on securely	Good			
	- condition of cover	Good			
	- condition of inside of wet well	Gord			
Landfill Cap					
Vegetated Soil Cover	er - erosion				
	- bare areas	show covered			
	- washouts	hove			
	 leachate seeps 	June	-		
	- length of vegetation	anow covered			
	- dead/dying vegetation	wint hill			
				-	

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Page 2 of 3

PROJECT NAME: Niagara County Refuse Site	a County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	Richard Reiken		DATE:	(MM DD YY)	
ltem	Inspect For	Action Required		Comments	
2. Landfill Cap (continued)	ued)				
Access Roads	- bare areas, dead/dying veg.	anow covered			
	- erosion	Hove			
	- potholes or puddles	gant			
	- obstruction	Crown			
3. Weilands (Avea Wal	- dood /drine warmshim	ou.j T.		×	
	unnings gu (n imme	divides Rell			
	- change in water budget	Jomon			
ŝ	- general condition of wetlands	DK			
 Other Site Systems 					
Perimeter Fence	- integrity of fence	have out in without RD sill of Budill	a sile of Budit	D ressing	
	- integrity of gates	quard	0		
-	- integrity of locks	good			
	 placement and condition of signs 	Cood			
				10	
PORM 1					

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Page 3 of 3

- flow obstructions - flow obstructions - dead/dying vegetation - dead/dying vegetation - cable concrete/gabion mats and riprap - cable concrete/gabion mats and riprap - cable concrete/gabion mats and riprap - ension - erosion - erosion - erosion - erosion - erosion - erosion - ouduttion of erosion protection - intact /damage - locks secure	Item Item Other Site Systems (Drainage Ditches/ Swale Outlets	CTOR(S): Richard Charle Site Them Inspect For Other Site Systems (continued) Drainage Ditches/ - sediment build-up Swale Outlets - erosion - condition of erosion protection	Action Required Arrow Arrow Covered	LOCATION: DATE:	Wheatfield, New York 0 2 0 1 (MM DD YY) Comments
up sion protection		 flow obstructions dead/dying vegetation cable concrete/gabion mats and riprap 	winter hill winter hill		
9		 sediment build-up erosion condition of erosion protection 	arows more coreved		
		 flow obstructions intact / damage locks secure 	avous good condition good condition		

PROJECT NAME: Nia					
	Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	RiBuh		DATE:	(XY DD XX)	
Item	Inspect For	Action Required	1	Comments	
Perimeter Collecti	Perimeter Collection System/Off-Site Forcemain				
Manholes	- cover on securely	07/1			
	- condition of cover	10K			
	- condition of inside of manhole	ok			
	- flow conditions	ne flow			
Wet Wells	- cover on securely	46.0			
	- condition of cover	br			
	- condition of inside of wet well	good			
Landfill Cap					
Vegetated Soil Cover	sr - erosion	quest			
	- bare areas	Jugur.			
	- washouts	mone			
	 leachate seeps 	none			
	- length of vegetation	about			
	- dead/dying vegetation	wanter pill			

Page 2 of 3

		MONTHLY INSPECTION LOG		
PROJECT NAME: Ni	Niagara County Refuse Site	LOCATION:	TON: Wheatfield, New York	
INSPECTOR(S):	RC Buken	DATE		
Item	Inspect For	Action Required	Comments	
2. Landfill Cap (continued)	tfinued)			
Access Roads	- bare areas, dead/dying veg.	Anim covered		
	- erosion	MONE ()		
	- potholes or puddles	anow consel		
	- obstruction	anon		
3. Wetlands (Area "F")	- dead/dying vegetation	wonter bull		
	- change in water budget	water auel wormel		
	- general condition of wetlands	OK		
4. Other Site Systems	SI			
Perimeter Fence	- integrity of fence	are cut lode		
	- integrity of gates	cheed		
	- integrity of locks	page		
	 placement and condition of signs 	grad		
FORM 1				

		MONTHLY INSPECTION LOG	00		
PROJECT NAME: Niagar	Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	Ri but		DATE:	(MM DD YY)	
Item	Inspect For	Action Required		Comments	
Other Site Systems (continued)	continued)				
Drainage Ditches/	- sediment build-up	Anow covered			
Swale Outlets	- erosion	mane.			
	- condition of erosion protection	mon course			
	- flow obstructions	Currow			
	- dead/dying vegetation	winter pill			
	- cable concrete/gabion mats and	2K			
	riprap				
Culverts	- sediment build-up	none			
	- erosion	Marie			
	- condition of erosion protection	οć			
	- flow obstructions	Roman			
Gas Vents	- intact /damage	good condition		× .	
Wells	- locks secure	OK			

3 of 3

Page 1 of 3 Wheatfield, New York (XX DA MM) Comments LOCATION: DATE: MONTHLY INSPECTION LOG wery low flow Rul Action Required writer Loxo 1 620 in the second can PLEA 35 32 Pre-Suc Ruhal CReeper - condition of inside of manhole - condition of inside of wet well Perimeter Collection System/Off-Site Forcemain - dead/dying vegetation - length of vegetation - condition of cover - condition of cover - cover on securely - cover on securely PROJECT NAME: Niagara County Refuse Site - flow conditions leachate seeps Inspect For - bare areas - washouts - erosion Vegetated Soil Cover Landfill Cap INSPECTOR(S): Manholes Wet Wells Item FORM 1 ÷

		MONTHLY INSPECTION LOG			
PROJECT NAME: 1	Niagara County Refuse Site	L	LOCATION:	Wheatfield, New York	
INSPECTOR(5):	R c Berlow	D	DATE	CIOTO DI MINI	
Item	Inspect For	Action Required		Comments	
2. Landfill Cap (continued)	continued)				
Access Roads	 bare areas, dead/dying veg. erosion 	ALL SAL		-	
	 potholes or puddles obstruction 	An An			
3. Wetlands (Area "F")	 ") - dead/dying vegetation - change in water budget - general condition of wetlands 	inter fill morned good			
Other Site Systems	ems				
Perimeter Fence		fence cut west aile		Janopa	
1 Mao	signs	Gerred			

		MONTHLY INSPECTION LOG	00		
PROJECT NAME: Niagar	Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	RC Belen		DATE:	(MM DD YY)	
Item	Inspect For	Action Required		Comments	
4. Other Site Systems (continued)	continued)				
Drainage Ditches/	- sediment build-up	40			
Swale Outlets	- erosion	NO			
	- condition of erosion protection	ave el			
	- flow obstructions	nore			
	- dead/dying vegetation	winter pill			
	- cable concrete/gabion mats and	good			
Г	nprap				
Culverts	- sediment build-up	Sint		8	
	- erosion	110			
	- condition of erosion protection	geral			
	- flow obstructions	nore			-
Cas Vonte	interior for announce	++:			
CIII2A SPEC	- mater / comage	Wast		×	
Wells	- locks secure	cres			

CRA 5775 (17)

		MONTHLY INSPECTION LOG	G		
PROJECT NAME: Ni	Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	RCBecken		DATE	CIDIN DISIO	
Item	Inspect For	Action Required		Comments	
Perimeter Collec	Perimeter Collection System/Off-Site Forcemain				
Manholes	- cover on securely	420			
	- condition of cover	1 guar			
	- condition of inside of manhole	900L			
	- flow conditions	to in low			
147-4 147-11-	and the second se	-			
STIA A JAA	 cover on securely 	() Car			
	- condition of cover	group			
	- condition of inside of wet well	Jones			
Landfill Cap					
Vegetated Soll Cover	over - erosion	read			
	- bare areas	mo			
	- washouts	more			
	- leachate seeps	and			
	- length of vegetation	trada			
	- dead/dying vegetation	more			

		MONTHLY INSPECTION LOG			
PROJECT NAME: Niagar	Niagara County Refuse Site	non	LOCATION:	Wheatfield, New York	
INSPECTOR(S):	RC Belen	DA	DATE:	WW DD YY	
Item	Inspect For	Action Required		Comments	
2. Landfill Cap (continued)	(par				
Access Roads	- bare areas, dead/dying veg.	nove :			
	- erosion	my		-	
	- potholes or puddles	more			
	- obstruction	marg			
3. Wetlands (Area "F")	 dead/dying vegetation change in water budget 	wore elegted a high			
	- general condition of wetlands	June			
4. Other Site Systems					
Perimeter Fence	integrity of fenceintegrity of gatesintegrity of locks	surra l georel good			
	 placement and condition of signs 	good			
FORM 1					

Project NAME: Nagar County Refraestie LOCATION: Washifuki New York INSECTOR(s): RALE DATE: DATE: <th></th> <th></th> <th>MONTHLY INSPECTION LOG</th> <th>DG</th> <th></th> <th></th>			MONTHLY INSPECTION LOG	DG		
Reference Action Required Inspect For Action Required Inspect For Action Required e Systems continued) Action Required Ditches/ - sediment build-up Disconsition of erosion protection - mon-Q - erosion - mon-Q - dead / dying vegetation - mon-Q - erosion - mon-Q <t< th=""><th>CT NAME: Niagara</th><th>t County Refuse Site</th><th></th><th>LOCATION:</th><th>Wheatfield, New York</th><th></th></t<>	CT NAME: Niagara	t County Refuse Site		LOCATION:	Wheatfield, New York	
Inspect For Action Required Site Systems (continued) e sediment build-up ge Ditches/ - sediment build-up ge Ditches/ - sediment build-up ge Ditches/ - sediment build-up Outles - erosion ge Ditches/ - sediment build-up Outles - erosion intro obstructions - con-L introt / damage - con-L </th <th>INSPECTOR(S):</th> <th>C Bake</th> <th></th> <th>DATE:</th> <th>LIOIHOLSIO</th> <th></th>	INSPECTOR(S):	C Bake		DATE:	LIOIHOLSIO	
Site Systems (continued) ge Ditches/ e erosion e erosio	Item	Inspect For	Action Required		Comments	
ge Ditches/ - sediment build-up Monol Outlets - erosion - erosion - condition of erosion protection - erosion - flow obstructions - monol - flow obstructions - monol - dead/dying vegetation - monol - tiprap - dead/dying vegetation - monol - tiprap - erosion - monol - tiprap - sediment build-up - monol - erosion - erosion - monol - flow obstructions - monol - monol - intact / damage - intact / damage - monol - locks secure - intact / damage - monol	Other Site Systems (c	ontinued)				
Outlets - erosion - erosion - condition of erosion protection - condition of erosion protection - flow obstructions - dead/dying vegetation - dead/dying vegetation - dead/dying vegetation - tiprap - sediment build-up - erosion - erosion - erosion - erosion - now obstructions - dead/dying - intact /damage - intact /damage - locks secure - dead/dying	Drainage Ditches/	- sediment build-up	more			
 condition of erosion protection flow obstructions flow obstructions dead/dying vegetation d	Swale Outlets	- erosion	awand			
- flow obstructions - mone - dead/dying vegetation - dead/dying vegetation - cable concrete/gabion mats and - mone - cable concrete/gabion mats and - mone - riprap - sediment build-up - erosion - mone - erosion - mone - erosion - mone - flow obstructions - mone - intact /damage - intact /damage - locks secure - mone		- condition of erosion protection	good			
- dead/dying vegetation none - cable concrete/gabion mats and none - erosion - erosion - erosion - erosion - erosion none - erosion - none - flow obstructions none - intact /damage - intact /damage - locks secure none		- flow obstructions	mone			
- cable concrete/gabion mats and riprap - sediment build-up - erosion - erosion - erosion protection - flow obstructions - flow obstructions - intact / damage - intact / damage - focks secure		- dead/dying vegetation	nore			
up 2000 sion protection 2000		 cable concrete/gabion mats and rinran 	N			
ts - sediment build-up erosion - erosion - condition of erosion protection		de sector de la constante de la				
- erosion - condition of erosion protection - flow obstructions - intact / damage - locks secure	Culverts	- sediment build-up	nol			
- condition of erosion protection 4 bo- - flow obstructions		- erosion	Now			
- flow obstructions		- condition of erosion protection	and the			
nts - intact /damage		- flow obstructions	man			
- locks secure		- intact /damage	apoil condition			
		- locks secure	420			
					×.	

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CBA 5723 (12)

DDORCT NAME. NO.				
	Niagara County Refuse Site	1	LOCATION:	Wheatfield, New York
INSPECTOR(S):	Buken		DATE:	(MM DD YY)
Item	Inspect For	Action Required		Comments
meter Collection Syste	Perimeter Collection System/Off-Site Forcemain			
Manholes - c	- cover on securely	DK		
- 1	- condition of cover	DIC		
	- condition of inside of manhole	OK		
. 1	- flow conditions	A NO FIM		
Wet Wells	- cover on securely	OK		
- 0	- condition of cover	DIC		
0.1	- condition of inside of wet well	<i>bic</i>		
Landfill Cap				
Vegetated Soil Cover - e	- erosion	NOUE		
- b	- bare areas	NONE		
H -	- washouts	NONE		
- 16	- leachate seeps	NoNE		
- le	- length of vegetation	medium		
- d	- dead/dying vegetation	MONE		

- potnotes or puddtes Nonc - obstruction NeNE - dead/dying vegetation No - general condition of wettands D/C - integrity of fence O/C - integrity of locks O/C

Page 2 of 3

Page 3 of 3

PROJECT NAME: Niagara	Niagara County Refuse Site		NOI	Wheatfield, New York
INSPECTOR(S):	CBader		DATE	(MM DD XY)
Item	Inspect For	Action Required		Comments
Other Site Systems (continued)	ontinued)			
Drainage Ditches/	- sediment build-up	NONE		
Swale Outlets	- erosion	NONE		
	- condition of erosion protection	OK.		
	- flow obstructions	NONE		
	 dead/dying vegetation 	NONE		
	 cable concrete/gabion mats and 	DK		
	riprap			
Culverts	- sediment build-up	NONE		
	- erosion	HONE		
	- condition of erosion protection	or		
	- flow obstructions	Nowe		
Gas Vents	- intact /damage	INTACT		
Wells	- locks secure	ok	T	

CBA 5725 (17)

		MONTHLY INSPECTION LOG			
PROJECT NAME: Niag	Niagara County Refuse Site		LOCATION	Wheatfield, New York	
INSPECTOR(S):	Rc Cecka		DATE:	(YY 00 MM)	
Item	Inspect For	Action Required		Comments	
Perimeter Collecti	Perimeter Collection System/Off-Site Forcemain				
Manholes	- cover on securely	012		5	
	- condition of cover	5K			-
	- condition of inside of manhole	oK			
	- flow conditions	me flow			
Wet Wells	- cover on securely	ok			
	- condition of cover	0/4			
	 condition of inside of wet well 	٥K			
Landfill Cap					
Vegetated Soil Cover	ar - erosion	none			
	- bare areas	nent			
	- washouts	none			
	 leachate seeps 	resul			
	- length of vegetation	short			
	- dead/dying vegetation	24			

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CKA \$723 (17)

PROFECT NAME: Niagara	Niavara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	Rc Berken		DATE	(XX dd WW)	
Item	Inspect For	Action Required		Comments	
Landfill Cap (continued)	(pai				
Access Roads	- bare areas, dead / dying veg.	puna			
	- erosion	prove-			
	- potholes or puddles	hord			
	- obstruction	Mond			
				14	
3. Wetlands (Area "F")	- dead/dying vegetation	Long			
	 change in water budget 	low water			
	- general condition of wetlands	014			
Other Site Systems					
Perimeter Fence	- integrity of fence	210			
	- integrity of gates	NO			
	- integrity of locks	SK			
	 placement and condition of signs 	ok			

Page 3 of 3

PROJECT NAME: Niagara	Niagara County Refuse Site		LOCATION:	Wheatfield, New York
INSPECTOR(S):	R. C. Berken		DATE:	(XX dd WW)
Item	Inspect For	Action Required		Соннтепts
Other Site Systems (continued)	continued)			
Drainage Ditches/	- sediment build-up	how		
Swale Outlets	- erosion	hone		
	- condition of erosion protection	bk		
	- flow obstructions	Nove		
	 dead/dying vegetation 	And		
	- cable concrete/gabion mats and	016		
	riprap			
Culverts	- sediment build-up	houl		
	- erosion	Mane		
	- condition of erosion protection	OK		
	- flow obstructions	how		
Gas Vents	- intact /damage	good condition		,
Wells	- locks secure	DK		

		MONTHLY INSPECTION LOG			
PROJECT NAME: Niagara	Niagara County Refuse Site	ΓO	LOCATION:	Wheatfield, New York	
INSPECTOR(S):	Baker	DA	DATE	(MM DD YY)	
	Inspect For	Action Required		Comments	
eter Collection S	Perimeter Collection System/Off-Site Forcemain				
Manholes	- cover on securely	OK			
	- condition of cover	good		-	
	- condition of inside of manhole	gover	ĺ		
	- flow conditions	no for			
Wet Wells	- cover on securely	0			1
	- condition of cover	0000			
	- condition of inside of wet well	gover			
Landfill Cap					
Vegetated Soil Cover	- erosion				
	- bare areas	Nord			
	- washouts	riond			
	- leachate seeps	rione			
	- length of vegetation	a reduce to clark			
	- dead/dying vegetation	none			
	×				

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	M	MONTHLY INSPECTION LOG	
PROJECT NAME: Niagi	Niagara County Refuse Site	LOCATION:	JON: Wheatfield, New York
INSPECTOR(S):	2 Proder	DATE	(MM DD YY)
Item Inspec	t For	Action Required	Comments
Drainage Ditches/ Swale Outlets Culverts Gas Vents	ent build-up n ion of erosion protection bstructions dying vegetation concrete/gabion mats and on crete/gabion mats and on of erosion protection ostructions	mone mone quert quert quert quert mone mone mone mone mone mone mone mone	
FORM 1	- locks secure	clara la	

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CT NAME:	PROJECT NAME: Niagara County Refuse Site	FO	LOCATION:	Wheatfield, New York	
INSPECTOR(S):	Rc Bula	DA	DATE	CRIDISION (MM DD YY)	
Item	Inspect For	Action Required		Comments	
erimeter (Perimeter Collection System/Off-Site Forcemain				
Manholes	- cover on securely	ok			
	- condition of cover	DK			
	- condition of inside of manhole	Ze			
	- flow conditions	Croff and			
Wet Wells	- cover on securely	ok			
	- condition of cover	\$K			
	- condition of inside of wet well	OK			
Landfill Cap					
Vegetated Soil Cover	oil Cover - erosion	none			
	- bare areas	None			
	- washouts) hour			
	- leachate seeps	hove			
	- length of vegetation	ohat			
	- dead/dying vegetation	extreme dry conditions			

	ικ.	MONTHLY INSPECTION LOG	و	
PROJECT NAME: Niagara C	Niagara County Refuse Site		LOCATION:	Wheatfield, New York
INSPECTOR(S):	(beyon		DATE:	(XX ad WW)
Item	Inspect For	Action Required		Comments
2. Landfill Cap (continued)	(p			
Access Roads	 bare areas, dead/dying veg. 	non		
	- erosion	Newl		
	- potholes or puddles	how		
	- obstruction	New		
3. Wetlands (Area "F")	- dead/dying vegetation	nors		
	- change in water budget	low well		
	- general condition of wetlands	ON		
4. Other Site Systems				
Perimeter Fence	- integrity of fence	No		
	- integrity of gates	OK		
	- integrity of locks	6K		
	 placement and condition of signs 	OK		
	6			

Page 3 of 3

r NAME: Niagara	PROJECT NAME: Niagara County Refuse Site		LOCATION:	Wheatfield, New York
INSPECTOR(S):	RC Below		DATE:	(XX da WW)
lfem Dihor Site Sustance (continued)	Inspect For	Action Required		Comments
Drainage Ditches/	- sediment build-up	Mane		
Swale Outlets	- erosion	more		
	- condition of erosion protection	ok		
	 flow obstructions 	mone		
	 dead/dying vegetation 	more		
	 cable concrete/gabion mats and riprap 	ole		
Culverts	- sediment build-up	more		
	- erosion	more		
	- condition of erosion protection	ole		
	- flow obstructions	Jenero		
Gas Vents	- intact /damage	intert		2
Wells	- locks secure	OK		

age 1 of

		WONTHER HAT FOR TOO	2	
ME. Niagara	PROJECT NAME: Niagara County Refuse Site		LOCATION:	Wheatfield, New York
INSPECTOR(S):	CBeler		DATE:	110/11/10/11
eler Collection S	ltem Inspect For Perimeter Collection System/Off-Site Forcemain	Action Required		Comments
Manholes	 - cover on securely - condition of cover - condition of inside of manhole - flow conditions 	4es good nu flows		
Wet Wells Landfill Cap	 cover on securely condition of cover condition of inside of wet well 	doved goved		
Vegetated Soil Cover	- erosion - bare areas - washouts	nove		
	 leachate seeps length of vegetation dead/dying vegetation 	wore short reve		

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New :
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		MONTHLY INSPECTION LOG		
PROIECT NAME: Niagara	Niagara County Refuse Site	LOCATION:	ON: Wheattield, New TOTK	
	Q C Rech	DATE	(VY DD YY)	
INSFELTOROF:	Inspect For	Action Required	Comments	
2. Landfill Cap (continued)	(pan			
Access Roads	 bare areas, dead/dying veg. erosion potholes or puddles obstruction 	none work wore		
3. Wetlands (Area "F")	 dead/dying vegetation change in water budget general condition of wetlands 	when we water we water OK for the short term		
 Other Site Systems 			2	
Perimeter Fence	 integrity of fence integrity of gates integrity of locks placement and condition of signs 	goonl goonl good good		
FORM 1				

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L NOJECA INCINE MARKE	Niagara County Refuse Site		LOCATION:	Wheatfield, New York
INSPECTOR(S):	RC Gector		DATE	(MM DD YY)
	Inspect For	Action Required		Comments
Site Systems	s (con			
Drainage Ditches/ Swale Outlets	 sediment build-up erosion condition of erosion protection flow obstructions 	more more more more more more more more		
	 dead/dying vegetation cable concrete/gabion mats and riprap 	good condition		
Culverts	 sediment build-up erosion condition of erasion protection flow obstructions 	wore good wore		
Gas Vents Wells	 - intact / damage - locks secure 	good co-dition		

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Add Add Add		
Action Required Action Required Action Required Action Act	DN: Wheatfield, New York	
Act well	(XX dd WW)	
anthole L	Comments	
 cover on securely condition of cover condition of inside of manhole conditions flow conditions cover on securely condition of cover condition of inside of wet well condition of inside of wet well bare areas bare areas washouts leachate seeps length of vegetation 		
 condition of cover condition of inside of manhole cover on securely cover on securely condition of cover condition of cover condition of inside of wet well bare areas bare areas bare areas leachate seeps length of vegetation 		
 condition of inside of manhole flow conditions cover on securely cover on securely condition of cover condition of cover condition of inside of wet well condition erosion 		
 flow conditions cover on securely condition of cover condition of inside of wet well condition of inside of wet well condition erosion ero		
 cover on securely condition of cover condition of inside of wet well condition of inside of wet well erosion erosion		
- cover on securety - condition of cover - condition of inside of wet well - condition of cover - condition of vegetation		
- condition of inside of wet well - erosion - bare areas - washouts - leachate seeps - length of vegetation		
l Cover - erosion - bare areas - washouts - leachate seeps - length of vegetation		
- erosion - bare areas - washouts - leachate seeps - length of vegetation		
- erosion - bare areas - washouts - leachate seeps - length of vegetation		
- dead/dying vegetation		
	1.	

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			MONTHLY INSPECTION LOG	Ċ		
PROJECT NAME: INSPECTIOR(S):		Niagara County Refuse Site		LOCATION: DATE:	Wheatfield, New York	
5	[tem	Inspect For	Action Required		Comments	
2. Landill Cap	p (commue	 bare areas, dead / dying veg. erosion potholes or puddles obstruction 	ND HUSHE HONE			
3. Wetlands (Area "F")	("True	 dead/dying vegetation change in water budget general condition of wetlands 	yes dry conditions dry need water			
4. Other Site Systems Perimeter Fence	Fence	 integrity of fence integrity of gates integrity of locks placement and condition of signs 	good good good			

		MONTHLY INSPECTION LOG	
PROJECT NAME: Niagara County Refuse Site	ara County Refuse Site	LOCATION: DATE:	Wheatfield, New York
INSTEL TURID:	Inspect For	Action Required	Comments
Other Site Systems (continued) Drainage Ditches/ - sedim Swale Outiets - erosio - condi - flow o - dead, - dead,	 (continued) sediment build-up erosion erosion protection condition of erosion protection flow obstructions flow obstructions dead/dying vegetation cable concrete/gabion mats and riprap 	voue voue geod ane geod condition	
Culverts	 sediment build-up erosion condition of erosion protection flow obstructions 	work work	
Gas Vents Wells	 - intact / damage - locks secure 	uter good condition	

Page 3 of 3

	Å	MONTHLY INSPECTION LOG		
PROJECT NAME: Niag	Niagara County Refuse Site	LOC	LOCATION: Wheatfield, New York	w York
INSPECTOR(S):	Rcb	DATE:	MM DD YY	(1) (1)
Item	Inspect For	Action Required	Comments	
neter Collectic	Perimeter Collection System/Off-Site Forcemain			
Manholes	- cover on securely	govel		
	- condition of cover	Jean		
	- condition of inside of manhole	Jaarb		
	- flow conditions	no appeared few		
Wet Wells	- cover on securely	460		
	- condition of cover	ave		
	- condition of inside of wet well	group		
Landfill Cap				
Vegetated Soil Cover	r - erosion	nore	-	
	- bare areas	huma		
	- washouts	nume		
	 leachate seeps 	house		
	 length of vegetation 	about		
	- dead/dying vegetation	write kep		
	1			

		MONTHLY INSPECTION LOG	(3		
PROJECT NAME: Niaga	: Niagara County Refuse Site		LOCATION:	Wheatfield, New York	
INSPECTOR(S):	RC Beeken		DATE:	(YY DD MM)	
Item	Inspect For	Action Required		Comments	
2. Landfill Cap (continued)	(bau				
Access Roads	- bare areas, dead/dying veg.	More "	-		
	- erosion	Inort		8	
	- potholes or puddles	-2000-			
	- obstruction	and the			
3. Wetlands (Area "F")	- dead/dying vegetation	yes with pill			
	- change in water budget	Con			
9	- general condition of wetlands	01c			
A Difference of the					
 Outer offe oystems 				2	
Perimeter Fence	- integrity of fence	Jacob			
	- integrity of gates	Gard			
	- integrity of locks	g ward			
	 placement and condition of signs 	DIC			
				× .	
FORM 1				2	

equired equired a liventer pilo a condition	
Reference Action Required Systems (continued) Action Required Systems (continued) Action Required Systems (continued) - sediment build-up Oliches/ - sediment build-up - erosion - orose - flow obstractions - non-e - cable concrete/gabion mats and riprap - non-e - cable concrete/gabion mats and riprap - non-e - cable concrete/gabion mats and riprap - non-e - erosion - oro-dition - erosion - oro-dition - erosion - non-e - flow obstractions - non-e - intact / damage - non-e - intact / damage - non-e	LOCATION: Wheatfield, New York
Inspect For Inspect For Action Required er Site Systems (continued) - sediment build-up Action Required inage Ditches/ - sediment build-up Action Required - erosion - erosion - action - flow obstructions - action - action - erosion - cable concrete/gabion mats and - action - erosion - cable concrete/gabion mats and - action - erosion - condition of erosion protection - action erts - sediment build-up - action - action erosion - erosion - action - action erosion - action - action - action erosion - action - action - action - flow obstructions - action - action - action - flow obstructions - action - action - action - action - action - action - action - action - action - action - action - action - action - action - action <	DATE: [1 20 10 10 1
inage Ditches/ - sediment build-up le Outlets - erosion - erosion - flow obstructions - flow obstructions - flow obstructions - dead/dying vegetation - erosion - erosion - flow obstructions - flow obstructions - intact /damage - locks secure	Comments
- erosion - erosion - condition of erosion protection - condition of erosion protection - flow obstructions - condition - dead/dying vegetation - condition - flow obstructions - condition - intact /damage - intact /damage - locks secure - condition	
- condition of erosion protection - condition of erosion protection - flow obstructions - dead/dying vegetation - dead/dying vegetation - dead/dying vegetation - rosion - rosion - erosion - rosion - erosion - rosion - erosion - rosion - flow obstructions - rosion - intact / damage - intact / damage - locks secure - or or diage	
- flow obstructions non-e - dead/dying vegetation - dead/dying vegetation - cable concrete/gabion mats and riptap non-e - cable concrete/gabion mats and riptap non-e - sediment thuild-up non-e - erosion non-e - erosion non-e - flow obstructions non-e - intact /damage - for domage - locks secure - for domage	
- dead/dying vegetation - cable concrete/gabion mats and riprap - sediment build-up - erosion - erosion - erosion protection - flow obstructions - flow obstructions - intact /damage - locks secure - locks secure	
- cable concrete/gabion mats and riprap - sediment build-up - erosion - erosion - condition of erosion protection - flow obstructions - flow obstructions - flow secure ents - intact / damage	
erts - sediment build-up sediment build-up - erosion - erosion protection	
erts - sediment build-up <u>none</u> - erosion - condition of erosion protection <u>cone</u> - flow obstructions <u>none</u> ents - intact / damage <u>rune</u>	
 erosion condition of erosion protection flow obstructions flow obstructions none flow obstructions flow obstructions 	
- flow obstructions جريدين ents - intact / damage - مريديني - locks secure	
ents - intact / damage - locks secure	
 locks secure 	
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APPENDIX D MAINTENANCE RECORD LOGS

2020	OTECT MANE MILLION COMPANY COMPANY OF A DATA MANY MANY MANY
PR	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CR	EW MEMBERS: RC Becken
1.	Date: 0 1. 0 4. 0 7 (MM DD YY)
	Time: 1 1 6 0 (HH mm)
	Scheduled/Unscheduled: Unscheduled
	Type of Maintenance Performed: revair level float switch wet well C
2.	Company Performing Maintenance
	Name: Orm Exterprises INC.
	Address: 1134 Marigold Dr.
	North Tonawanda, My
	Contact Name: Rick Becken
3.	Methods Used:
	float switch stuck (hung up on another float)
	using a long section of puc conduct I reached down to float a
	set it Free
	Description of Material Removed:
	none
	Problems/Comments:
	none
	14/07 RCBocken DBRIL

DDOTECT NIAN C.	Niagara County Refuse Site LOCATION: Wheatfield, New York
PROJECT NAME:	Niagara County Refuse Site LOCATION: Wheatfield, New York
CREW MEMBERS:	RC Becken
- Inlu	
	1207 (MM DD YY)
Time: 13	00 (HH mm)
Scheduled/Un	uscheduled: unscheduled
	enance Performed: repair (replace level control wet well c
	forming Maintenance
Name:	On M Enterprises luc.
Address:	7134 Marigold Dr.
	North Tonowinda, MY 14/20
Contact Name:	Rick Backen
. Methods Used	1 · · · · · · · · · · · · · · · · · · ·
Replaced	(on) level control float switch
Description of	Material Removed:
	Material Removed: Itch
<u>float</u> sus	itch
	itch
<u>float</u> sus	ntch
<u>Float</u> sw	ntch
<u>Float</u> sw	ntch
<u>Float sus</u> Problems/Com <u>hone</u>	ntch
<u>Float</u> sw	ntch

	MAINTENANCE RECORD LOG
R	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
R	EW MEMBERS: RCBecken
	Date: 0 1 2 3 0 7 (MM DD YY)
	Time: 2015 (HH mm)
	Scheduled/Unscheduled: Unscheduled
	Type of Maintenance Performed: float switch stock in off postim on www.
2.	Company Performing Maintenance
	Name: DIM Enterprises luc
	Address: 7139 Marigold Dr.
	North Tonavonda, M 14120
	Contact Name: Rick Becker
	freed floct switch with long piece of Dic condit
	Description of Material Removed: home
	Problems/Comments:

18	MAINTENANCE RECORD LOG
R	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
RI	EWMEMBERS: RCBacker
	Date: 012407 (MM DD YY)
	Time: 0 8 0 0 (HH mm) Scheduled/Unscheduled: Unscheduled
	Type of Maintenance Performed: checking flowt switch on wet Well C. Company Performing Maintenance
	Name: Dr.M. Enterprises Inc.
	Address: 7134 Marigold Dc.
	North Tonawande NY 14120
	Contact Name: Rick Becken
	checked float switch on wat well C to make certain it
-	Description of Material Removed:
	hour
-	
-	
-	
-	Problems/Comments:
-	(Uma
-	

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	MAINTENANCE RECORD LOG
PRO	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CR	EW MEMBERS: RC Bocken
1.	Date: 6 1 2 6 0 7 (MM DD YY)
	Time: 1 1 0 0 (HH mm)
	Scheduled/Unscheduled:schedule
	Type of Maintenance Performed: replace level floats in Wetwell (
2.	Company Performing Maintenance
	Name: Orth Exterposes INC.
	Address: 7134 Marigold Dr.
	North Jonawanda, per 14120
	Contact Name: Rick Porken
3.	Methods Used:
	Remove the too Warwick float controls for turning pump in and all
	and replaced with new Warwick float controls. The new float
	controls were attached to a long piece of PVC conduct so they roud
	be worked on easier (access more), when needed the whole PVC come
	can be raised at at the well to perform maintanace of the floot and
	Description of Material Removed:
	2 old floot contractions
	Problems/Comments:
	Frome_
	1/26/27 Richard Becter The DC Book
	DATE INSPECTOR INSPECTOR'S SIGNATURE
OR	M 2

	MAINTENANCE	RECORD LOG	G
ROJECT NAME:	Niagara County Refuse Site	LOCATION:	Wheatfield, New York
REW MEMBERS:	Richard C Beiken		
Date: 02	0907 (MM DD Y	r)	
	00 (HH mm)		
Scheduled/Uns	cheduled: unschedules		
Type of Mainter	nance Performed: repair fe	nce	
	rming Maintenance		
Name:	HM Enterprises INC.		
Address:	134 Manigold Dr.		
A	Jorth Tonawanda, MY 1	4120	
	Rick Berken		
Methods Used:			
Repaired	hole cut in fine		
	and con in finit		
Description of M	aterial Removed:		
Mone			
Problems/Comm	ients:		
Reported to	Diegena County Shering	(g report # 6	£81
219/07 DATE	Richard C Backien INSPECTOR	ROCK	eby
M 2		1	NSPECTOR'S SIGNATURE

		MAINT	ENANCE R	ECORD LOO	3
PROJECT NA	AME: N	iagara County Ref	use Site	LOCATION:	Wheatfield, New York
CREW MEM	BERS:	RC Becke	n	_	
1. Date:	03	3007	(MM DD YY)		
		5 0 (HH r			
Schedul	ed/Unsch	eduled: UNS	chedled		
Type of	Maintena	nce Performed:	repair fer	nce	
2. Compar	y Perform	ing Maintenance			
Name:	0	M Enterp	rises INC.		
		4 Marigolo	N		
		orth Tona		14120	
Contact	Name:	Rick Beck	en		
. Method	_				-
TR	Darred	l cut in Fe	nel poste	side	
			Ruddard .	2	
Sh	eri FF	meident \$	IUUAN		
	01-11	0.010	143.10		
Descript	ion of Ma	terial Removed:			
		lenai kemoved:			
non	e				
					- International Contraction
-	,				
Problem	s/Comm	ents:			
nov	re				
21-	1	Richard	RI	\square	OrBi
3 30	DATE	rachard	INSPECTOR	Fleh	INSPECTOR'S SIGNATURE
ORM 2					

	MAINTENANCE RECORD LOG
PROJI	ECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CREW	MEMBERS: RC Becken
1. D	Date: 040207 (MM DD YY)
	ime: 1400 (HH mm)
	cheduled/Unscheduled: scheduled
	ype of Maintenance Performed: clean + check well pumps
	Company Performing Maintenance
	Jame: Orm Enterprises INC.
A	iddress: 7134 Mangold Dr.
	North Tonawada, W1 14/20
	Contact Name: Rick Becken
	Aethods Used:
_	pulled well pumps from Wet Well C+D chemend,
-	checked and reinstalled in wells
_	
_	cleaned Y strainer in Wet Well A
-	
E	Description of Material Removed:
-	None
-	
_	
_	
-	<i>(</i> *.
P	Problems/Comments:
0	none
-	4/02/07 Richard C Beton Real Cash
-	4/02/07 Richard C Berken Kill Check DATE INSPECTOR INSPECTOR'S SIGNATURE
ORN	

	MAINTENANCE RECORD LOG
PRC	DJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CRE	W MEMBERS: RC Rocken
1.	Date: 040307 (MM DD YY)
	Time: 0900 (HH mm)
	Scheduled/Unscheduled: Unscheduled
	Type of Maintenance Performed: repair stuck float switch
2.	Company Performing Maintenance
	Name: Or M Enterprises loc.
	Address: 7134 Marigold Dr.
	North Tonowards, M 14120
	Contact Name: Richard Becken
	Methods Used:
	probed for float switch under water using a 12 foot piece
	of PUC conduct
	Description of Material Removed:
	hone
	Problems/Comments:
	kon
	4/3/07 Richard C Backen Kill Relor
OP	DATE INSPECTOR INSPECTOR'S SIGNATURE

		MAINTENANCE	RECORD LO	G
ROJECT N	IAME: Niag	ara County Refuse Site	LOCATION:	Wheatfield, New York
CREW MEN	MBERS: R	C Backen		
. Date:	841	6 0 7 (MM DD)	m	
Time:	123	(HH mm)	D	
Schedu	iled/Unsched	e Performed: pepair h	Je in Erce	met all
		g Maintenance	ne ni pancae	
Name		m Enterprises luc	4	
		4 Mongold Dr.		
	No	the Tonanda, N		
Conta	ct Name:	Rick Berka		
3. Metho 	ods Used: place l ce	ction of fence wi	th hole cut	in it
Descr		rial Removed:		
	lems/Comme	nts:		
al	o (o 7 DATE	Richard C Parl	or Rel	I Brecker INSPECTOR'S SIGNATURE
FORM 2				

MAINTENANCE RECORD LOG
PROJECT NAME: Niagara County Refuse Site, LOCATION: Wheatfield, New York
CREW MEMBERS: <u><u>R</u><u>C</u><u>Becken</u> 1. Date: <u>051167</u> (MM DD YY) Time: <u>1130</u> (HH mm) Scheduled/Unscheduled: <u>Unscheduled</u> Type of Maintenance Performed: <u>nepair</u> galt 2. Company Performing Maintenance Name: <u>0+MErfergenses WC</u> Address: <u>7134</u> Mangold Dr.</u>
Vorth Tonawanla, WY Contact Name: Rick Becken
3. Methods Used: <u>(scking mechanism bent on gate by vandals, replaced</u>) with chain and padlock, vardals also broke exterior light on the shed (control) will need to get an replacement
Description of Material Removed:
Problems/Comments: <u>Culled Niaequa County sheriffs, deputy Mulleville</u> came to site made a report and left. Report * is 21094
5/11/07 PCBelen Pellbaber DATE INSPECTOR INSPECTOR'S SIGNATURE

MAINTENANCE RECORD LOG	
PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York	
CREW MEMBERS: RC Becken	
1. Date: 051107 (MM DD YY)	
Time: 1260 (HH mm)	
Scheduled/Unscheduled: Scheduleal	
Type of Maintenance Performed: cut small trees on fence line	
2. Company Performing Maintenance	
Name: Oth Enterprises luc.	
Address: 134 Marigold Dr.	
North Tonamanda, M/	
Contact Name: Rick Beller	_
3. Methods Used:	
Using a chain saw I we small trees / large brush on or very close to the perimeter fence	
on or very close to the perimeter fence	
Description of Material Removed:	
none, trees / breach will be chopped up resing	
lough host provines	
20 balls in granding	_
Problems/Comments:	
none	
5/467 RCBorken Del Buch	
DATE INSPECTOR INSPECTOR'S SIGNATURE	
FORM 2	

PROJECT NAME: Niagara County Refuse Site, LOCATION: Wheatfield, New York CREW MEMBERS: RC Bocks. 1. Date: SISIIYOT (MM DD Y) Time: [12]OO (HH mm) Scheduled/Unscheduled: Scheduled Type of Maintenance Performed: Cutting bricks + social trees from feace 2. Company Performing Maintenance long Name: Orth Elsopprises low. Address: 7134 Married Dr. Dorth Timescale, NY 14/20 Contact Name: Rick Bocks. 3. Methods Used: Cut brisch + Swell trees from feace line Description of Material Removed: Address: Note Comments: problems/Comments: pare Stitlon Research INSPECTOR SIGNATURE FORM 2	MAINTENANCE RECORD LOG
1. Date: Image: Ima	PROJECT NAME: Niagara County Refuse Site, LOCATION: Wheatfield, New York
1. Date: Image: Ima	CREW MEMBERS: RC Bocken
Time: 1/200 (HH mm) Scheduled/Unscheduled: <u>scheduled</u> Type of Maintenance Performed: <u>cutture</u> bruch + swall trees from fence 2 Company Performing Maintenance Name: <u>Own Elsopprises hus</u> Address: <u>7134 Marright Dr.</u> <u>North Tonanala</u> , <u>M 14/20</u> Contact Name: <u>Rick Balan</u> 3. Methods Used: <u>cut brish + Swall trees from Fence line</u> Description of Material Removed: <u>Address</u> <u>Problems/Comments:</u> <u>pme</u> <u>STMby</u> <u>Ridand Balan</u> <u>DATE</u> INSPECTOR <u>Bulke</u> <u>INSPECTORS SIGNATURE</u>	
Name: Of Elorprises loc. Address: 7134 Marigdel Dr. North Tonanch, NY 14/20 Contact Name: Rick Backen 3. Methods Used: cut brish + small trees from fence line Description of Material Removed: Nothing Problems/Comments: pre- 5/14/67 Richard Backen Bulker DATE INSPECTOR INSPECTORS SIGNATURE	Time: 1200 (HH mm) Scheduled/Unscheduled: scheduled
Address: <u>J134 Mariable Dr.</u> <u>North Tonewanda, M 14/20</u> Contact Name: <u>Rick Backn</u> 3. Methods Used: <u>cut brish + swall trees from fence line</u> <u>Description of Material Removed:</u> <u>Nothine</u> <u>Problems/Comments:</u> <u>pree</u> <u>STINGY</u> <u>Richard Backn</u> <u>DATE</u> <u>INSPECTOR</u> <u>SIGNATURE</u>	
North Tonanch, MY 14/20 Contact Name: <u>Rick Backen</u> 3. Methods Used: <u>aut brish + small trees from fence line</u> <u>brish + small trees from fence li</u>	
Contact Name: <u>Rick Backs</u> 3. Methods Used: <u>cut brick + Simall trees from fence line</u> Description of Material Removed: <u>Nothing</u> Problems/Comments: <u>pre</u> <u>511467</u> <u>Richard CBacks</u> <u>Dure</u> <u>INSPECTOR'S SIGNATURE</u>	
3. Methods Used: <u>cut brigh + small trees from fence line</u> Description of Material Removed: <u>nothine</u> Problems/Comments: <u>pre</u> <u>51467</u> Richard Barkan Rubert DATE INSPECTOR	
Description of Material Removed: Nothing Problems/Comments: prove STITLON DATE Ringer Backey BALLER INSPECTOR'S SIGNATURE	
Description of Material Removed: Nothing Problems/Comments: prove STITLON BALANCERIAN INSPECTOR'S SIGNATURE	cut brish + small trees from Fence line
Problems/Comments: proce 5/14/67 Rehard Cherken Rehard DATE INSPECTOR INSPECTOR'S SIGNATURE	
Problems/Comments: proce 5/14/67 Rehard Cherken Rehard DATE INSPECTOR INSPECTOR'S SIGNATURE	
Problems/Comments: proce 5/14/67 Rehard Berken RullReh DATE INSPECTOR INSPECTOR'S SIGNATURE	
Problems/Comments: proce 5/14/67 DATE Rehard Berken Ruberton INSPECTOR INSPECTOR'S SIGNATURE	
5/14/07 Richard C Berfer Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	Description of Material Removed:
5/14/07 Richard C Berken Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	rothing
5/14/07 Richard C Berken Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	
5/14/07 Richard C Berken Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	
5/14/07 Richard C Berken Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	
5/14/07 Richard C Berfer Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	
5/14/07 Richard C Berken Rul Rul DATE INSPECTOR INSPECTOR'S SIGNATURE	Problems/Comments:
DATE INSPECTOR INSPECTOR'S SIGNATURE	hone
DATE INSPECTOR INSPECTOR'S SIGNATURE	
FORM 2	
	FORM 2

MAINTENANCE RECORD LOG
PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CREW MEMBERS: RCBecken 1. Date: 0510607 (MM DD YY) Time: 1400 (HH mm) Scheduled/Unscheduled: Scheduled Type of Maintenance Performed: replace security light
2. Company Performing Maintenance
Name: O+m Exterprises INC-
Address: 7134 Marigold Dr.
North Tonananda, M 14120 Contact Name: Rick Beck
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:
5/16/07 Richard CRecken Rel Bol DATE INSPECTOR INSPECTOR'S SIGNATURE FORM 2

MAINTENANCE RECORD LOG
PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CREW MEMBERS: $PCRep$ 1. Date: $05/807$ (MM DD YY)
1. Date: 05/8 5 1 (MM DD YY) Time: 0950 (HH mm) Scheduled/Unscheduled: <u>Scheduled</u> Type of Maintenance Performed: <u>reykice</u> missing sights
2. Company Performing Maintenance Name: O+M Enterprises Inc Address: 7134 Malgold Dr.
Contact Name: Pick Recker 3. Methods Used:
Signs were born down appr, one week ago by vandals I replaced sighs boolag
Description of Material Removed:
Problems/Comments:
5/18/07 Richard C. Bock Rul Buch DATE INSPECTOR INSPECTOR'S SIGNATURE FORM 2

M	IAINTENANCE	RECORD LOG	
PROJECT NAME: Niagara Co	ounty Refuse Site	LOCATION: W	heatfield, New York
CREW MEMBERS: RCB	seckon		
1. Date: 07200	(MM DD Y	ŋ	
Time: 1000	(HH mm)		
Scheduled/Unscheduled:	()		
Type of Maintenance Perfor	med: repair float	switches in We	t wall A
2. Company Performing Main	,		
Name: Oth E	Interprises INC	v	
Address:Ma	rigold Dr.		
North	Tonawanda, N	4 14120	
Contact Name: Richs	and Becken	-	
Methods Used:			
Removed Float swite	hes from well i	sall, attached so	me float switches
to a 15' one uch PUC	c conduct. Joweres	l conduit into we	twell adjusts
level of switches.			
Description of Material Rem	oved:		
None			
	-		
Problems/Comments:			
Lore			
7/20/07 K	ichard Baker	Pe (Repar
DATE	INSPECTOR		PECTOR'S SIGNATURE

	MAINTENANCE	RECORD LOG
PROJECT NAME:	Niagara County Refuse Site	LOCATION: Wheatfield, New York
CREW MEMBERS	: REBarken	
1. Date: 0	12607 (MM DD Y	Y)
	60 (HH mm)	
	nscheduled: <u>scheduled</u>	0 1 5
	forming Maintenance	soround permiter tence
	DIM Enterprises, INC.	
	7134 Marigold Dr.	
	North Tomamanda My 1	
	Richard Backen	
. Methods Used	2	
used to	actor smower to now o	evour permeter fonce of
land fill		
Description of	Material Removed:	
nore		
Problems (C	an an ba	
Problems/Con	unems:	
houl		
	Richard C Berken	SPA DIPPI

MAINTENANCE	RECORD LOG
PROJECT NAME: Niagara County Refuse Site	LOCATION: Wheatfield, New York
CREW MEMBERS: Richard Becken	
1. Date: 072607 (MM DD YY	0
Time: 1030 (HH mm)	
Scheduled/Unscheduled: Unschealiles	D
Type of Maintenance Performed: report real	
2. Company Performing Maintenance	
Name: DYM Enterprises, INC.	
Address: 7134 Marigold Dr.	
North Tonamanda, 24 1	
Contact Name: Rick Beck	
Methods Used:	
Vardals removed gate hinge pins on	one of two near actor replaced
Vardals removed gate hinge pins on pins in hinges installed cotter pins	in place eins
Description of Material Removed:	
none	
Problems/Comments:	
Love .	
all Dura	
DATE Kichard Bucken	INSPECTOR'S SIGNATURE
RM 2	INSPECTOR 5 SIGNATURE

	MAINTENANCE RECORD LOG
PR	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CR	NEW MEMBERS: RC Beller
1.	Date: 080307 (MM DD YY)
	Time: 0 9 0 (HH mm)
	Scheduled/Unscheduled: Sunscheduled
	Type of Maintenance Performed: gate nepain
2.	Company Performing Maintenance
	Name: Orm Enterprises /wc.
	Address: 7134 Mangold Dr.
	North Tonowanda, MY 14120
	Contact Name: Kichard Beck
3.	Methods Used:
	Due to vandals removing hinge pins on gates, I placed a
	section of chain with a lock on the brings and of the got
	pearing the gate to the fince and post,
	Description of Material Removed:
1	More
	Problems/Comments:
-	
51	\$13/07 Kichard C Boiken Sul Charles
	DATE INSPECTOR INSPECTOR'S SIGNATURE

MAINTENANCE RECORD LOG
PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CREW MEMBERS: <u>RC Becker</u> 1. Date: 091207 (MM DD YY)
Time: (HH mm) Scheduled/Unscheduled:Scheduled
Type of Maintenance Performed: annul grass moring
2. Company Performing Maintenance Name: D+M Enterprises, Inc. Address: 7134 Marigold Dr. North Tonawarda, M 14/20
Contact Name: Rick Becken
3. Methods Used: tractor with mover
Description of Material Removed:
More
Problems/Comments:
Mone
9/12/07 RCBecken Releader DATE INSPECTOR INSPECTOR'S SIGNATURE

	MAINTENANCE	RECORD LOG	
ROJECT NAME:	Niagara County Refuse Site	LOCATION: Wheatfield, New	w York
REW MEMBERS:	Rc Becken		
Date: D9	1307 (MM DD YY)	
Time:	(HH mm)		
Scheduled/Uns	cheduled: Schedule	l	
Type of Mainter	ance Performed: annual	grass moving	
Company Perfor	ming Maintenance		
Name:)+M Enterprises, In		
Address: 7	134 Marigold Dr. Vorth Tonanal, p		
Contact Name:	Rick Beiten	4 14/20	
Methods Used:			
tractor	with moven		
Description of M	aterial Removed:		
None			
	8		
Problems/Comm	ents:		
hone			
011	7.7.1	20000	
2/13/07 DATE	RC Becken	V white K Seeker	
M 2	INSPECTOR	INSPECTOR'S SIGNA	TURE

1. Date: Date: Date: Date: Date: Date: Date: Date: Company Performing Maintenance 7 Type of Maintenance Performing Maintenance Grass moving annual Company Performing Maintenance Name: Dtm Enterprises Dxc. Address: T134 Margold Dr. Dxc. Address: T134 Margold Dr. Date. Date. Methods Used: North Tonawa-due, DV 14/20 Contact Name: Click Beck Methods Used: Tractor with move Tractor with move Description of Material Removed: More			MAINTENANCE	RECORD LOG
Time: (HH mm) Scheduled/Unscheduled: Scheduled/ Type of Maintenance Performed: grass moving manual Company Performing Maintenance Maxing Start Name: Or M Enterprises Iwc. Address:	PROJI	ECT NAME:	Niagara County Refuse Site	LOCATION: Wheatfield, New York
Scheduled/Unscheduled: <u>Schedulad</u> Type of Maintenance Performed: <u>grass moving annual</u> Company Performing Maintenance Name: Oth Enterprises INC. Address: <u>T134 Marigold D.</u> <u>North Tonawadu NY 14/20</u> Contact Name: <u>Rick Bede</u> Methods Used: <u>tracth with move</u> Description of Material Removed: <u>wwe</u> Problems/Comments: <u>MORE</u> DATE INSPECTOR DISFECTORS SIGNATURE	CREW	V MEMBERS:	RC Beeken	
Scheduled/Unscheduled: <u>Schedulad</u> Type of Maintenance Performed: <u>grass moving annual</u> Company Performing Maintenance Name: Oth Enterprises Inc. Address: <u>T134 Mangold p.</u> <u>Narth Tonauradu, py 14/20</u> Contact Name: <u>Rick Bele</u> Methods Used: <u>tracth with move</u> Description of Material Removed: <u>we</u> Problems/Comments: <u>MONE</u> DATE INSPECTOR DISFECTORES SIGNATURE	1. D	Pate: 09	11407 (MM DD Y	0
Type of Maintenance Performed: grass moving annual Company Performing Maintenance Name: Ot M Exterprises Inc. Address: TI34 Marigold Dr. 	Ti	ime:	(HIH mm)	
2. Company Performing Maintenance Name: Ot M Exterprises Inc. Address: <u>N34 Marigold D.</u> <u>North Tonowarder, NY 14120</u> Contact Name: <u>Rick Bete</u> Methods Used: <u>tracta with move</u> Description of Material Removed: <u>tone</u> Problems/Comments: <u>Mone</u> <u>Description of Material Removed</u> : <u>Mone</u> <u>Description of Material Removed</u> : <u>Mone</u> <u>Mone</u> <u>Date</u> <u>INSPEction</u> <u>INSPEctions Signature</u>			the second se	
2. Company Performing Maintenance Name: Ot M Exterprises Inc. Address: <u>N34 Marigold D.</u> <u>North Tonawadar, NY 14120</u> Contact Name: <u>Rick Bete</u> Methods Used: <u>tracta with move</u> Description of Material Removed: <u>tone</u> Problems/Comments: <u>Mone</u> <u>Date</u> <u>INSPECTOR</u> <u>INSPECTORS SIGNATURE</u>	TJ	ype of Mainte	nance Performed: 97055 W	wing annuel
Name: Ot M Exterprises INC. Address:		ompany Perfo	rming Maintenance	
Address: <u></u>		ame:	Ot M Exterprises	NC.
North Tonawa-due, NY 14/20 Contact Name: <u>Rick Beck</u> Methods Used: <u>Tracth with move</u> Description of Material Removed: <u>Wore</u> Problems/Comments: <u>More</u> <u>OFHIOT RCBettan</u> <u>DATE INSPECTOR</u>	As	ddress:	7134 Marigold m	
Contact Name: <u>Rick Bede</u> Methods Used: <u>tractor with moven</u> Description of Material Removed: <u>toxe</u> Problems/Comments: <u>Move</u> <u>Date</u> <u>DATE</u> <u>INSPECTOR</u> <u>INSPECTORS SIGNATURE</u>				WY 14120
Methods Used: <u>tractor</u> with moves Description of Material Removed: <u>tore</u> Problems/Comments: <u>more</u> <u>OFHILSS</u> RCBattan <u>DATE</u> INSPECTOR: SIGNATURE	Co	ontact Name:	Rick Borken	; <u>~1 [][40</u>
Description of Material Removed: Description of Material Removed: Dore Problems/Comments: MONE DATE INSPECTOR BUCKALTIRE				
Description of Material Removed:			inthe man	
Problems/Comments: More More OF/14/07 RCBetter DATE INSPECTOR ENDERLAND		Nactor	with mover	
Problems/Comments: More More OF/14/07 RCBetter DATE INSPECTOR ENDERLAND				
Problems/Comments: More More OF/14/07 RCBetter DATE INSPECTOR ENDERLAND				
Problems/Comments: More More OF/14/07 RCBetter DATE INSPECTOR ENDERLAND				
Problems/Comments: More More OF/14/07 RCBetter DATE INSPECTOR ENDERLAND				
Problems/Comments: MONE OG/14/07 RCBellen DATE INSPECTOR INSPECTOR'S SIGNATURE	De	scription of M	aterial Removed:	
09/14/07 RCBellon Rebel Beck DATE INSPECTOR INSPECTOR'S SIGNATURE	_	None		
09/14/07 RCBellon Rebel Beck DATE INSPECTOR INSPECTOR'S SIGNATURE				
09/14/07 RCBellon Rebel Beck DATE INSPECTOR INSPECTOR'S SIGNATURE				
09/14/07 RCBellon Rebel Beck DATE INSPECTOR INSPECTOR'S SIGNATURE				
09/14/07 RCBellon Rebel Beck DATE INSPECTOR INSPECTOR'S SIGNATURE				
09/14/07 RCBellon Rebel Beck DATE INSPECTOR INSPECTOR'S SIGNATURE	Pro	blems/Com	ients:	
09/14/07 RCBellon Rebulchech DATE INSPECTOR INSPECTOR'S SIGNATURE				
DATE INSPECTOR INSPECTOR'S SIGNATURE	-	~		
DATE INSPECTOR INSPECTOR'S SIGNATURE		*****		
DATE INSPECTOR INSPECTOR'S SIGNATURE		1	07	
INSPECTOR INSPECTOR'S SIGNATURE	0	9/14/07	KC Becken	Helm Rech
	DAC		INSPECTOR	INSPECTOR'S SIGNATURE

	MAINTENANCE RECORD LOG
PRO	ECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New Yo
CRE	V MEMBERS: RCBerke
1. 1	Date: 091707 (MM DD YY)
	ime: (HH mm)
	cheduled/Unscheduled: Scheduled
7	ype of Maintenance Performed: annual grass mount
2. (ompany Performing Maintenance
ľ	lame: Orm Enterprises Insc-
A	ddress: 7134 Marigold Dr.
	North Toxawanda, ry
C	ontact Name: Rick Becken
-	tractor with morsen
-	
-	
D	escription of Material Removed:
_	work
_	
_	
_	
	X
Pr	oblems/Comments:
_	Mone
_	
4	1/1/07 RCBecken Rub CCBecken
	DATE INSPECTOR INSPECTOR'S SIGNATURE

	MAINTENANCE RECORD LOG
PR	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CR	ew MEMBERS: RC Berken
1,	Date: 110107 (MM DD YY)
	Time: 1 2 3 0 (HH mm)
	Scheduled/Unscheduled: Scheduled
	Type of Maintenance Performed: clean + check wetwell pumps wetwell A+ P
2.	Company Performing Maintenance
	Name: Dot M Enterprises INC.
	Address: 7134 Marigold Dr.
	North Tonamanle, MY 14/20
	Contact Name: Rick Beck
3.	Methods Used:
	pulled pump using a wench cleaned with prossure worshen returned pump to well
	Description of Material Removed:
	none
	Problems/Comments:
	Illilon Richard Butter Pull Coch
	DATE INSPECTOR INSPECTOR'S SIGNATURE

	MAINTENANCE RECORD LOG
PRO	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CRI	EW MEMBERS: RC Becken
1.	Date: 110207 (MM DD YY)
	Time: 0930 (HH mm)
	Scheduled/Unscheduled: scheduled
	Type of Maintenance Performed: cleaner + checken wet well going Wethell (
2.	Company Performing Maintenance
	Name: D+M Exterprises INC.
	Address: 7134 Marigold Dr.
	North Jonan Da, NY 14120
	Contact Name: Rick Becken
3.	Methods Used:
	pulled pumps using weach, cleaned with pressure washer, returned to well
	Description of Material Removed:
	none
+	
-	
	Problems/Comments:
	hore
-	
-	Nov. 2, 2007 Rick Borker Bill Bill DATE INSPECTOR INSPECTOR'S SIGNATURE
ORM	IN NOT DECEMBER AND

	MAINTENANCE RECORD LOG
PI	ROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CI	REW MEMBERS: <u>PCBecke</u>
	Date: 112107 (MM DD YY)
1,	
	Time: 1 4 4 5 (HH mm)
	Scheduled/Unscheduled: Unscheduled
	Type of Maintenance Performed: repair fonce
2.	Company Performing Maintenance
	Name: DYM Exterprises
	Address:
	Contact Name: Rick Becker
3.	Methods Used:
	temporarly finend cut fence, call 911, sheriff's department
	did not phone up
	Description of Material Removed:
	- have
	Beatland /C
	Problems/Comments:
	none
	Ulziloz RiBerke Sulliberker
	DATE INSPECTOR INSPECTOR'S SIGNATURE

	MAINTENANCE RECORD LOG
PRO	JECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CRE	WMEMBERS: RC Becken
1. 1	Date: 112207 (MM DD YY)
	Fime: $1 q z 0$ (HH mm)
	scheduled/Unscheduled: Engcheduled
1	Type of Maintenance Performed: repair stuck level float
	Company Performing Maintenance
ľ	Name: O+M Entryprises
A	Address:
C	Contact Name: Rick Becky
1. N	fethods Used:
	Float control hung up on wining intergled fort
	11 manuager from
D	escription of Material Removed:
	More
_	
PI	roblems/Comments:
	more
-	
1	1/22/07 RCBecken Robel Becker
	DATE INSPECTOR INSPECTOR'S SIGNATURE
RM	2

	MAINTENANCE RECORD LOG
PRC	DJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CRF	EW MEMBERS: RC Berten
1,	Date: 112467 (MM DD YY)
	Time: 2045 (HH mm)
	Scheduled/Unscheduled: Unscheduled Type of Maintenance Performed: repain corroded pipe fitting on descale
	Company Performing Maintenance
	Name: Orm Enterprises
	Address:
	Contact Name: Vick Berley
	Methods Used:
	2" discharge give in wet well A corroded and broke Tried to
1	2" discharge give in Wet Well A corroded and broke Tried to repair in the dark could not do this using flashlight as only light. Will finish repair tomorrow
	light. Will finish repair tomorrow 1000000
1	Description of Material Removed:
	More
~	mark
-	
-	
1	Problems/Comments:
-	no light
-	
-	
	11/24/07 BCBecken Rull CBel
-	DATE INSPECTOR INSPECTOR'S SIGNATURE
TIN	12

CRA

	MAINTENANCE RECORD LOG
PI	ROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CI	REW MEMBERS: RC Becken
1.	Date: 112507 (MM DD YY)
	Time: $O C_1 3 U$ (HIH mm)
	Scheduled/Unscheduled: scheduled
	Type of Maintenance Performed: finish repair in Wet Well A
2.	Company Performing Maintenance
	Name: O+M Enlerprises
	Address:
	Contact Name: Rick Beck
3.	Methods Used:
	Renned conoded broken give fitting, replaced with new
	fitting
	Description of Material Removed:
	old canaded size fitting
	Problems/Comments:
	More
	11/25/07 RC Buken Rul DC Ral

the second s	A COMPANY OF THE OWNER O	
	MAINTENANCE	RECORD LOG
PROJECT NAME: Niaga	ra County Refuse Site	LOCATION: Wheatfield, New York
CREW MEMBERS:	(Becton	
. Date: 1120	07 (MM DD Y	Y)
Time: 0 9 4 4	(HH mm)	
Scheduled/Unschedul	0	
		t fence from 11/21/07
Company Performing !		forthe from ill cito!
	Enterprises	
Address:	CH UPTISES	

Contact Name: Ric	k Beckey	
Methods Used:		
Wenned in a	a partir Mala	11+ 1 +
11/21/07	the bedrow of the	nce that was cut prior to
Description of Material	Removed	
more	Removed.	
Problems/Comments:		
none none	· · · · · · · · · · · · · · · · · · ·	
Contacted Du Complaint 75 55	agara Courty Sherry	of filed report on cut feace
Complaint 55	1956 m 11/27/07	
11/26/07	RiBecken	Red Dt Beck
DATE		

	MAINTENANCE RECORD LOG
Pl	ROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
C	REW MEMBERS: RCBecken
1.	Date: 112807 (MM DD YY)
	Time: 1 4 3 0 (HH mm)
	Scheduled/Unscheduled: unscheduled
	Type of Maintenance Performed: control floot tangled in wet well D
2.	Company Performing Maintenance
	Name: Dr.M Enterprises
	Address:
	Contact Name: Rick Becker
3.	Methods Used:
	interela & left castal i like interest
	intangled flost control in Welt wall D moved it alight
	no in moved of range again
	Description of Material Removed:
	pune
	Problems/Comments:
	hime
	Ulzelon RCBecken VellCSah
	M 2 INSPECTOR INSPECTOR'S SIGNATURE

IVI.P	INTENANCE	RECORD LOG	
PROJECT NAME: Niagara Cou	nty Refuse Site	LOCATION: WH	eatfield, New York
CREW MEMBERS: RC B	ckey		
I. Date: 12060	7 (MM DD Y)	0	
Time: 1030	(HH mm)		
Scheduled/Unscheduled:	unschedus	P	
Type of Maintenance Perform	ed: a replace	lock + chain or	aste
. Company Performing Mainter	nance		1
Name: Or M E	Enterprises 1	C.	
Address: 7134 M	aricold Dr.		
	Tonananda,		
Contact Name: Rick		A	
Methods Used:			
Found lock + chi	- mineir 1	arti un	k. 0 1
Found lock + chin langfill at the end	51 (c) 24 mar Al	en gare on say	I side Ef
County Sheriff: Co	malit # 57	317	Lat Niaga
	1	202	
			······································
Description of Material Remov	red:		
none			
_mile			
	-		
P.11 (0			
Problems/Comments:			
more			
12/6/07 Richar	d Becken	tuller	Sile
DATE	INSPECTOR	INSPE	CTOR'S SIGNATURE
RM 2			

CRA

	MAINTENANCE RECORD LOG
PRO	DJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CRI	EW MEMBERS: RC Becker
1.	Date: 121007 (MM DD YY)
	Time: 0945 (HH mm)
	Scheduled/Unscheduled: Scheduled
	Type of Maintenance Performed: full fung install new can lock fitting to
2	Company Performing Maintenance
	Name: Dr.M. Enterprises loc.
	Address: 7134 Manigold Dr.
	North Tonawanda, my
	Contact Name: Rick Berken
È (Methods Used:
	fulled pump, replaced with spare pump, installed new male
1	Description of Material Removed:
-	old gray will be deaned checked al place in service as grapane grange
-	Service as grave gung
-	
-	
-	
F	Problems/Comments:
-	More
-	
1	
	12/10/07 RCBylan Hicher Becks
	DATE INSPECTOR INSPECTOR'S SIGNATURE
RM	12

	MAINTENANCE RECORD LOG
PRC	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CRE	EW MEMBERS: RC Beder
	Date: 121307 (MM DD YY)
	Time: 1400 (HH mm) Scheduled/Unscheduled: Unschalled
	Type of Maintenance Performed: Ferrain Ripe Litten
	Company Performing Maintenance Name:
	Address: 7134 Mangold Dr.
	North Tonanca Da W/ 14/20
	Contact Name: Rick Beila
	Methods Used: A alumning hose end (can book male end) corrided and broke, replaced male end
I	Description of Material Removed:
+	none
-	
**	
-	
F	Problems/Comments:
	nove
_	
	12/15/07 Riberken Blebed
	DATE INSPECTOR INSPECTOR'S SIGNATURE
IN	12

	MAINTENANCE RECORD LOG
PR	OJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York
CR	REW MEMBERS: RC Becken
1.	Date: 121407 (MM DD YY)
	Time: 1230 (HH mm)
	Scheduled/Unscheduled: unscheduled
	Type of Maintenance Performed: changed pump
2.	Company Performing Maintenance
	Name: Orth Enterprises Address: 7134 Maniqueld Dr.
	North Tonawanda wy
	Contact Name: Richard Rechen
3.	Methods Used:
	pulled pung from Wetwell A installed spore
	Description of Material Removed:
	-old pring
	Problems/Comments:
	mone
1	
1	
î	12/14/07 Fichard Beiken Schl Beck
RI	INSPECTOR INSPECTOR'S SIGNATURE

APPENDIX E WATER LEVEL RECORDS

PROJECT NAME:	Niagara County Refuse Site	LOCATION:	Wheatfield, New York
		DATE:	(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"	1242	596.23	19.38	576.85
East "C"	12.200.	598.69	19.51	579.18
East "D"	12 2	593.20	14.38	578-82
NCR-3S	1115	579.60	3.04	576.56
NCR-4S	11.95	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	10 32	-14"	
WWB	1122	~12"	
WWC	1125-	~10 *	
WWD	1045	~12"	

Total System

Time of

Flow	Measurement
36003770	102

PROJECT NAME:

Niagara County Refuse Site

LOCATION:

Wheatfield, New York

DATE:

620907 (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	591-28	3.42	588-46
NCR-5S	1355	597.54	6183	590-51
NCR-13S	1140	593.13	4.51	588-62

Wet Wells

depth of water

		storts of some	
WWA	1155	~134	
WWB	1230	~ 124	
WWC	1320	~10"	
WWD	1215	~ 10"	

Total System	Time of
Flow	Measurement
36275475	1155
13	11-5

WATER LEVEL RECORD PROJECT NAME: Niagara County Refuse Site LOCATION: Wheatfield, New York (MM DD YY) DATE: CREW MEMBERS: Richard C. Becken Observation Time of Top of Casing Depth to Water Level Well Measurement Elevation Water Elevation A B A-B feet feet feet 518.93 574.09 24.84 East "A" 596.23 East "B" hongen 598.69 East "C" 19.71 578.98 593.20 East "D" 14.82 578.33 579.60 NCR-3S 576-90 2.7 591.88 589.08 NCR-4S 2.8 NCR-5S 597.34 591.06 6.28 593-13 588.74 NCR-13S 4.39

Wet Wells

WWA	12.22	~15"	
WWB		~84	
WWC		~ 84	
WWD		~ 12"	

Total System	Time of
Flow	Measurement
36513580	12=

PROJECT NAME:

Niagara County Refuse Site

LOCATION:

Wheatfield, New York

DATE:

040207 (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	425	588.88

Wet Wells

deathofurter

WWA	~134	
WWB	~144	
WWC	~10"	
WWD	~ 10"	

Total System

Time of

Flow Measurement

PROJECT NAME: Niagara County Refuse Site

LOCATION: Wheatfield, New York

DATE:

050407 (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

	about of second	
WWA	-154	
WWB	~qu	
WWC	-lan	
WWD	~ 10 "	

Total System

Time of

Flow	Measurement
38277570	

PROJECT NAME: Niagara County Refuse Site

LOCATION:

Wheatfield, New York

DATE:

060107 (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"	/350	398.93	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	
Flow	

Time of

Flow	Measurement
38453690	0945
	-

	WAT	ER LEVEL RE	CORD	
JECT NAME:	Niagara County Refu	ise Site	LOCATION:	Wheatfield, New Yor
			DATE:	(MM DD YY)
EW 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"	1430	. 598.93	24.98	573.95
East "B"	1445	596.23	19.86	576.37
East "C"	1455	598.69	19.99	578.70
East "D"	1510	593.20	15.19	578.01
NCR-3S	1405	579.60	dry	
NCR-4S	1355	591.88	dry	
	WIDE	597-34	10.29	586.35
NCR-5S	1420			

Wet Wells

		depth of water	
WWA	1315	-12"	
WWB	1345	-10"	
WWC	1400	- 84	
WWD	1330	~10"	

Total System	Time of
Flow	Measurement
38517200	1315

FORM 16

PROJECT NAME:

Niagara County Refuse Site LOCATION: Wheatfield, New York

DATE:

080207 (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"	1230	598.93	24.96	573.97
East "B"	1245	596.23	19.85	576.38
East "C"	1300	598.69	19.97	578-72
East "D"	1320	593.20	15.11	578-09
NCR-3S	1125	579.60	dry	4
NCR-4S	1/00	591.88	dry	
NCR-5S	1000	597.34	dry	
NCR-13S	1020	593.13	7.1	585.43
				_

Wet Wells

death of water

		Uniter and a	
WWA	1415	~10"	
WWB	1045	~ 10"	
WWC	1130	~ 611	
WWD	1035	~ 12"	

Total System Time of

OJECT NAME: Niagara County Refuse Sile DOCATION: Interaction (MM - DD - Yr) DATE: $OJ9111710171$ (MM - DD - Yr) EW MEMBERS: Richard C. Becken Observation Time of Measurement Top of Casing Elevation Depth to Water Water Level Elevation East "A" 1710 578.93 25.63 573.90 East "B" 1710 596.23 19.81 576.472 East "B" 1710 596.23 19.81 576.472 East "B" 1710 596.23 19.81 576.472 East "D" 16.55 578.66 20.19 578.50 East "D" 16.55 579.60 drug 04 NCR-35 15.15 579.60 drug 078.04 Wet Wells depth of water drug 0 WWB 1535 -0.0" 0" WWB 1535 -0.0" 0" WWD 1545 -0" 0" WWD 1545 -0" 0" MWD 1545 -0" 0" WWD 1545<	OIL	CT MANE.	Niagara County Refu	ise Site	LOCATION:	Wheatfield, New York	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	ROJE	CI NAME:	Magara County Reluse Sile			1019111710171	
Observation Intervation Intervation Result of the second sec	REW	MEMBERS:	Richard C. Becken				
Observation Measurement Elevation Water Elevation A-B Image: Rest "A" 171.0 578.93 25.63 573.90 East "A" 171.0 578.93 25.63 575.90 East "B" 171.0 596.23 19.81 576.472 East "B" 171.0 596.23 19.81 576.472 East "B" 171.0 596.23 19.81 576.472 East "B" 171.0 596.23 19.81 576.50 East "D" 16.85 593.20 15.16 578.04 NCR-35 1515 579.60 drg NCR-45 15.86 591.87 drg NCR-135 1520 597.374 drg NCR-135 1520 597.374 drg Wet Wells $depth of water www 1535 -10" WWD 1535 -10" www 1535 -29" $	r	CI Line	Time of	Top of Casing	Depth to	Water Level	
Image: Product of the set of the			27.1977 (A. 1997)	Elevation	Water		
East "A" 1710 578.93 25.63 573.90 East "B" 1710 596.23 19.81 576.42 East "C" 16.55 598.64 20.19 578.50 East "D" 16.55 598.64 20.19 578.50 East "D" 16.55 598.64 20.19 578.50 East "D" 16.55 598.64 20.19 578.50 NCR-35 1515 579.60 dru 578.04 NCR-45 15.80 591.88 dru 578.04 NCR-55 15.40 591.88 dru 60 NCR-135 15.20 593.13 dru 60 Wet Wells depth of water 60 61 61 WWB 1525 28" 91 91 91 WWD 1525 26" 91 91 91 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
East A 1120 010100 19.81 576.42 East "B" 1710 596.23 19.81 576.42 East "C" 1655 598.69 20.19 578.50 East "D" 1655 593.20 15.16 578.04 NCR-35 1515 579.60 dry 578.04 NCR-45 1536 591.88 dry 578.04 NCR-55 1520 591.88 dry 578.04 NCR-125 1520 591.374 dry - Wet Wells 620 593.18 dry - Wwww 1525 28" - - WWW 1525 -8" - - WWW 1525 -8" - - WWW 1525 -29" - - - WWWD 1545 -9" - - -			174.0			573.90	
Base B 1710 5 18.69 2 6.19 5 78.50 East "C" 16.85 598.69 2 6.19 5 78.04 East "D" 16.85 598.69 2 0.19 5 78.04 NCR-35 1515 579.60 dry 5 78.04 NCR-35 1515 579.60 dry 5 78.04 NCR-35 1526 591.88 dry 5 78.04 NCR-35 1520 597.374 dry 6 NCR-35 1520 593.13 dry 6 Wet Wells depth of water 6 6 Www 1525 28 -10" 6 WWB 1535 -10" 8" -10" WWC 1510 ~8" -10" -10" WWD 1545 -9" -10" -10"							
East C 1633 593.20 15.16 578.04 NCR-35 1515 579.60 dry 60 NCR-35 1536 591.88 dry 60 NCR-35 15.40 597.374 dry 60 NCR-35 15.20 593.13 dry 60 Wet Wells 60 60 60 60 WWB 1535 ~10" 78 60 WWC 1510 ~8" 60 60 WWD 1545 ~9" 61 61							
Last D 1010 579.60 dry NCR-35 1515 579.60 dry NCR-45 1536 591.88 dry NCR-55 1540 597.374 dry NCR-135 1520 593.13 dry Wet Wells depth of water WWB 1525 ~8" WWB 1535 ~10" WWC 1510 ~8" WWD 1545 ~9"			1			578-04	
NCR-45 1536 591.88 dry NCR-55 1540 597.374 dry NCR-135 1520 593.13 dry Wet Wells depth of water WWA 1525							
NCR-55 1540 597.374 dry NCR-135 1520 593.13 dry Wet Wells depth of water WWA 1525 ~8" WWB 1535 ~10" WWC 1510 ~8" WWD 1545 ~9"							
NCR-135 1520 593-13 dry Wet Wells depth of water WWA 1525 ~8" WWB 1535 ~10" WWC 1510 ~8" WWD 1545 ~9"							
Wet Wells depth of water WWA 1525 WWB 1535 WWC 1510 WWD 1545							
WWA 1525 ~ 8" WWB 1535 ~ 10" WWC 1510 ~ 8" WWD 1545 ~ 9"		NCR-135	10 20	012-10	- mg		
WWB 1535 ~10" WWC 1510 ~8" WWD 1545 ~9"		Wet Wells		depth of wo	æ/		
WWC 1510 ~8" WWD 1545 ~9h		WWA	1525	~8"			
WWD 1545 ~9"		WWB	1535	~ 10 "	_		
		WWC	1510	~8			
Total System Time of		WWD	1545	~9"			
Flow Measurement		WWB WWC WWD	1535 1510 1545 Time of	~ 10"			
				-			

	WAT	ER LEVEL RE	CORD	
DJECT NAME:	Niagara County Ref	use Site	LOCATION:	Wheatfield, New Yor
EW MEMBERS:	Richard C. Becken		DATE:	(MM DD YY)
Observation Well	Time of Measurement	Top of Casing Elevation A	Depth to Water B	Water Level Elevation A-B
	357	feet	feet	feet
East "A"	1250	59893	24.98	573.95
East "B"	1225	596.23	19.5	576.73
East "C"	1205	598.69	19.78	578-91
East "D"	1145	593.20	14.64	578.56
NCR-3S	1115	579.60	6.0 dry	< 573.60
NCR-4S	1125	591.88	5.0 dry	< 586.88
	0850	597.34	11.25 dry	< 586.09
NCR-5S				

Wet Wells

depth of water

WWA	0900	~12"	
WWB	1130	~11"	
WWC	1000	~64	
WWD	0930	~10"	

Flow		Measurement
3862	2970	0900

CRA 5723 (13)

PROJECT NAME:

Niagara County Refuse Site

LOCATION:

Wheatfield, New York

DATE:

(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"	1155	598.93	25.11	573.82
East "B"	1140	596. 123	19.52	576,71
East "C"	1125	598.69	19.93	578.76
East "D"	1115	593.20	14.8	578.40
NCR-3S	1030	579.60	6.0 dry	K 573.60
NCR-4S	1020	591-88	5.0 dry	< 586.88
NCR-5S	1100	597.34	11.25 dry	< 586.09
NCR-13S	0930	593.13	7.75	585.38

Wet Wells

depth of water

WWA	0945	~11"	
WWB	1010	-13h	
WWC	1045	~ 12"	
WWD	0955	~12"	

Total System	Time of	
Flow	Measuremen	
3863650	0945	

DECT NAME	MACADA COUN	774	LOCUTION	
	NIAGARA COUN REFUSE SITE		LOCATION: DATE:	Wheatfield, New York $\begin{array}{c c} 1 & 0 \\ 1 & 7 \\ \hline M & D & D & Y \end{array}$
Ob <mark>servation</mark> Well	Time of Measurement	Top of Casing Elevation A feet	Depth to Water B feet	Water Level Elevation A-B
EAST "A"	1130	598.93	the second data in the second	feet
EAST "B"	1110	596.23	25.13	573.80
EAST "C"	1055	598.69	19.97	578.72
EAST "D"	1045	593,20	14.86	578.34
NCR-3S	0935	579.60	6.0 dry	\$73.60
NCR-4S	1000	591.88	5.0 dry	586.88
NCR-5S	1030	597.34	11.25 dry	586.09
NCR-13S	0900	593.13	S.o dry	585.13
WELLS	Time of		Devile	
Well	Measurement		Depth of Water	
WW A	0900	A Trained	~12"	

WW A	0400	the second	~12"
WW B	1010		~14"
WW C	0940	-	~ 13"
WW D	0920		~ 12"

Time of
Measurement

FORM 16

CRA 5723 (17)