

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

811 Solid Waste Landfill Inspection Checklist

County: DeWitt LPC#: 0390055036 Region: 4 - Champaign
 Location/Site Name: Clinton/Clinton Landfill #3
 Date: 05/19/2016 Time: From 10:40A To Noon Previous Inspection Date: 02/22/2016
 Inspector(s): Dustin Burger Weather: Mostly clear, dry, 70s
 No. of Photos Taken: # 7 Samples Taken: Yes # No
 Interviewed: Dave Byrant, Manager Facility Phone No.: 217/935-8028

Permitted Owner Mailing Address

Clinton Landfill 3
 4700 Sterling Ave. P.O. Box 9071
 Peoria, IL 61612-9071

Permitted Operator Mailing Address

Clinton Landfill 3
 9550 Heritage Road-C
 Clinton, IL 61727

Chief Operator Mailing Address

Ron Welk
 4700 Sterling Ave. P.O. Box 9071
 Peoria, IL 616-9071

Certified Operator Mailing Address

Ron Welk
 4700 Sterling Ave. P.O. Box 9071
 Peoria, IL 616-9071

AUTHORIZATION:	OPERATIONAL STATUS:	TYPE OF OPERATION:
Significant Modification Permit	Operating <input checked="" type="checkbox"/>	Existing Landfills 814-Subpart C <input type="checkbox"/>
Initial: <u>2005-070-LF</u>	Closed-Not Certified. <input type="checkbox"/>	814-Subpart D <input type="checkbox"/>
Latest <u>Mod 60 Exp. 2/15/17</u>	Closed-Date Certified: _____	New Landfills: 811-Putres./Chem. <input checked="" type="checkbox"/>

	SECTION	DESCRIPTION	VIOL
ILLINOIS ENVIRONMENTAL PROTECTION ACT REQUIREMENTS			
1.	9(a)	CAUSE, THREATEN OR ALLOW AIR POLLUTION IN ILLINOIS	<input type="checkbox"/>
2.	9(c)	CAUSE OR ALLOW OPEN BURNING	<input type="checkbox"/>
3.	12(a)	CAUSE, THREATEN OR ALLOW WATER POLLUTION IN ILLINOIS	<input type="checkbox"/>
4.	12(d)	CREATE A WATER POLLUTION HAZARD	<input type="checkbox"/>
5.	12(f)	CAUSE, THREATEN OR ALLOW DISCHARGE WITHOUT OR IN VIOLATION OF AN NPDES PERMIT	<input type="checkbox"/>
6.	21(a)	CAUSE OR ALLOW OPEN DUMPING	<input type="checkbox"/>
7.	21(d)	CONDUCT ANY WASTE-STORAGE, WASTE-TREATMENT, OR WASTE- DISPOSAL OPERATION:	
	(1)	Without a Permit or in Violation of Any Conditions of a Permit (See Permit Provisions)	<input type="checkbox"/>
	(2)	In Violation of Any Regulations or Standards Adopted by the Board	<input type="checkbox"/>
8.	21(e)	DISPOSE, TREAT, STORE, OR ABANDON ANY WASTE, OR TRANSPORT ANY WASTE INTO THE STATE AT/TO SITES NOT MEETING REQUIREMENTS OF ACT AND REGULATIONS	<input type="checkbox"/>
9.	21(f)(1)	CONDUCT ANY HAZARDOUS WASTE-STORAGE, TREATMENT OR DISPOSAL OPERATION WITHOUT A RCRA PERMIT.	<input type="checkbox"/>

IEPA-DIVISION OF RECORDS MANAGEMENT
 RELEASABLE

SEP 22 2016

REVIEWER: MJK (811 Solid Waste-1)

RECEIVED

JUN 08 2016

10.	21(o)	CONDUCT A SANITARY LANDFILL OPERATION WHICH RESULTS IN ANY OF THE FOLLOWING CONDITIONS:	
	(1)	Refuse in Standing or Flowing Water	<input type="checkbox"/>
	(2)	Leachate Flows Entering Waters of the State	<input type="checkbox"/>
	(3)	Leachate Flows Exiting the Landfill Confines	<input type="checkbox"/>
	(4)	Open Burning of Refuse in Violation of Section 9 of the Act	<input type="checkbox"/>
	(5)	Uncovered Refuse Remaining From Any Previous Operating Day or at the Conclusion of Any Operating Day	<input type="checkbox"/>
	(6)	Failure to Provide Final Cover Within Time Limits	<input type="checkbox"/>
	(7)	Acceptance of Wastes Without Necessary Permits	<input type="checkbox"/>
	(8)	Scavenging as Defined by Board Regulations	<input type="checkbox"/>
	(9)	Deposition of Refuse in Any Unpermitted Portion of the Landfill	<input type="checkbox"/>
	(10)	Acceptance of Special Waste Without a Required Manifest	<input type="checkbox"/>
	(11)	Failure to Submit Reports Required by Permits or Board Regulations	<input type="checkbox"/>
	(12)	Failure to Collect and Contain Litter by the End of each Operating Day	<input type="checkbox"/>
	(13)	Failure to Submit Any Cost Estimate, Performance Bond or Other Security	<input type="checkbox"/>
11.	21(t)	CAUSE OR ALLOW A LATERAL EXPANSION OF A MUNICIPAL SOLID WASTE LANDFILL (MSWLF) UNIT WITHOUT A PERMIT MODIFICATION	<input type="checkbox"/>
12.	21.6(b)	ACCEPTANCE OF LIQUID USED OIL FOR FINAL DISPOSAL (EFFECTIVE JULY 1, 1996)	<input type="checkbox"/>
13.	22.01	FAILURE TO SUBMIT ANNUAL NONHAZARDOUS SPECIAL WASTE	<input type="checkbox"/>
14.	22.17	LANDFILL POST-CLOSURE CARE	
	(a)	Failure to Monitor Gas, Water, Settling	<input type="checkbox"/>
	(b)	Failure to Take Remedial Action	<input type="checkbox"/>
15.	22.22(c)	ACCEPTANCE OF LANDSCAPE WASTE FOR FINAL DISPOSAL	<input type="checkbox"/>
16.	22.23(f)(2)	CAUSE OR ALLOW THE DISPOSAL OF ANY LEAD-ACID BATTERY	<input type="checkbox"/>
17.	22.28(b)	ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL	<input type="checkbox"/>
18.	55(b)(1)	ACCEPTANCE OF ANY USED OR WASTE TIRE FOR FINAL DISPOSAL (UNLESS LANDFILL MEETS EXEMPTION OF 55(b)(1))	<input type="checkbox"/>
19.	56.1(a)	CAUSE OR ALLOW THE DISPOSAL OF ANY POTENTIALLY INFECTIOUS MEDICAL WASTE	<input type="checkbox"/>
SOLID WASTE SITE OPERATOR CERTIFICATION LAW REQUIREMENTS			
20.	225 ILCS 230/1004	CAUSING OF ALLOWING OPERATION OF A LANDFILL WITHOUT PROPER COMPETENCY CERTIFICATE	<input type="checkbox"/>
35 ILLINOIS ADMINISTRATIVE CODE REQUIREMENTS SUBTITLE G			
PRIOR CONDUCT CERTIFICATION REQUIREMENTS			
21.	745.181	CHIEF OPERATOR REQUIREMENTS	<input type="checkbox"/>
22.	745.201	PRIOR CONDUCT CERTIFICATION PROHIBITIONS	<input type="checkbox"/>
SPECIAL WASTE HAULING REQUIREMENTS			
23.	809.301	REQUIREMENTS FOR DELIVERY OF SPECIAL WASTE TO HAULERS	<input type="checkbox"/>

24.	809.302(a)	REQUIREMENTS FOR ACCEPTANCE OF SPECIAL WASTE FROM HAULERS	<input type="checkbox"/>
25.	809.501	MANIFESTS, RECORDS, ACCESS TO RECORDS, REPORTING REQUIREMENTS AND FORMS	
	(a)	Delivery of Special Waste to Hauler	<input type="checkbox"/>
	(e)	Retention of Special Waste Manifests	<input type="checkbox"/>
NEW SOLID WASTE LANDFILL REQUIREMENTS			
	PART 811 SUBPART	GENERAL STANDARDS FOR ALL LANDFILLS	
26.	811.103	SURFACE WATER DRAINAGE	
	(a)	Runoff from Disturbed Areas	<input type="checkbox"/>
	(b)	Diversion of Runoff from Undisturbed Areas	<input type="checkbox"/>
27.	811.104	SURVEY CONTROL	
	(a)	Boundaries Surveyed and Marked	<input type="checkbox"/>
	(b)	Stakes and Monuments Marked	<input type="checkbox"/>
	(c)	Stakes and Monuments Inspected	<input type="checkbox"/>
	(d)	Control Monument Established and Maintained	<input type="checkbox"/>
28.	811.105	COMPACTION	<input type="checkbox"/>
29.	811.106	DAILY COVER	
	(a)	Six Inches Soil	<input type="checkbox"/>
	(b)	Alternative Daily Cover	<input type="checkbox"/>
30.	811.107	OPERATING STANDARDS	
	(a)	Phasing of Operations	<input type="checkbox"/>
	(b)	Work Face Size and Slope	<input type="checkbox"/>
	(c)	Equipment	<input type="checkbox"/>
	(d)	Utilities	<input type="checkbox"/>
	(e)	Maintenance	<input type="checkbox"/>
	(f)	Open Burning	<input type="checkbox"/>
	(g)	Dust Control	<input type="checkbox"/>
	(h)	Noise Control	<input type="checkbox"/>
	(i)	Vector Control	<input type="checkbox"/>
	(j)	Fire Protection	<input type="checkbox"/>
	(k)	Litter Control	<input type="checkbox"/>
	(l)	Mud Tracking	<input type="checkbox"/>
	(m)	Liquid Restrictions for MSWLF Units	<input type="checkbox"/>
31.	811.108	SALVAGING	
	(a)	Salvaging Interferes with Operation	<input type="checkbox"/>
	(b)	Safe and Sanitary Manner	<input type="checkbox"/>
	(c)	Management of Salvagable Materials	<input type="checkbox"/>
32.	811.109	BOUNDARY CONTROL	
	(a)	Access Restricted	<input type="checkbox"/>
	(b)	Proper Sign Posted	<input type="checkbox"/>

33.	811.110	CLOSURE AND WRITTEN CLOSURE PLAN	
	(a)	Final Slopes and Contours	<input type="checkbox"/>
	(b)	Drainage Ways and Swales	<input type="checkbox"/>
	(c)	Final Configuration	<input type="checkbox"/>
	(d)	Written Closure Plan	<input type="checkbox"/>
	(e)	Initiation of Closure Activities at MSWLF Units	<input type="checkbox"/>
	(f)	Completion of Closure Activities at MSWLF Units	<input type="checkbox"/>
	(g)	Deed Notation for MSWLF Units	<input type="checkbox"/>
34.	811.111	POST-CLOSURE MAINTENANCE	
	(a)	Procedures After Receipt of Final Volume of Waste	<input type="checkbox"/>
	(b)	Remove All Equipment of Structures	<input type="checkbox"/>
	(c)	Maintenance and Inspection of the Final Cover and Vegetation	<input type="checkbox"/>
	(d)	Planned Uses of Property at MSWLF Units	<input type="checkbox"/>
35.	811.112	RECORDKEEPING REQUIREMENTS FOR MSWLF UNITS	
	(a)	Location Restriction Demonstration	<input type="checkbox"/>
	(b)	Load Checking Requirements	<input type="checkbox"/>
	(c)	Gas Monitoring Records	<input type="checkbox"/>
	(d)	MSWLF Liquid Restriction Records	<input type="checkbox"/>
	(e)	Groundwater Monitoring Program Requirements	<input type="checkbox"/>
	(f)	Closure and Post Closure Care Requirements	<input type="checkbox"/>
	(g)	Cost Estimates and Financial Assurance Requirements	<input type="checkbox"/>
	PART 811 SUBPART C	PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS	
36.	811.302	FACILITY LOCATION	
	(c)	Site Screening (Does Not Apply To Part 814-Subpart D Sites)	<input type="checkbox"/>
37.	811.309	LEACHATE TREATMENT AND DISPOSAL SYSTEM	
	(a)	General Requirements	<input type="checkbox"/>
	(c)	Standards for On-Site Treatment and Pretreatment	<input type="checkbox"/>
	(d)	Standards for Leachate Storage System	<input type="checkbox"/>
	(e)	Standards for Discharge to Off-Site Treatment	<input type="checkbox"/>
	(f)	Standards for Leachate Recycling Systems	<input type="checkbox"/>
	(g)	Standards for Leachate Monitoring Systems	<input type="checkbox"/>
38.	811.310	LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLE WASTE)	
	(b)	Location and Design of Gas Monitoring Wells	<input type="checkbox"/>
	(c)	Monitoring Frequency for Landfill Gas	<input type="checkbox"/>
	(d)	Monitoring Parameters	<input type="checkbox"/>
39.	811.311	LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTRESCIBLE LANDFILLS)	
	(a)	Conditions for Installation of Gas Management System	<input type="checkbox"/>
	(b)	Notification and Implementation Requirements	<input type="checkbox"/>
	(c)	Standards for Gas Venting	<input type="checkbox"/>
	(d)	Standards for Gas Collection	<input type="checkbox"/>

40.	811.312	LANDFILL GAS PROCESS AND DISPOSAL SYSTEM	
	(c)	No Unpermitted Gas Discharge	<input type="checkbox"/>
	(d)	Gas Flow Rate Measurements into Treatment of Combustion Device	<input type="checkbox"/>
	(e)	Standards for Gas Flares	<input type="checkbox"/>
	(f)	Standards for On-Site Combustion of Landfill Gas Using Devices Other Than Flares	<input type="checkbox"/>
	(g)	Gas Transported Off-Site	<input type="checkbox"/>
41.	811.313	INTERMEDIATE COVER	
	(a)	Requirements for the Application for Intermediate Cover	<input type="checkbox"/>
	(b)	Runoff and Infiltration Control	<input type="checkbox"/>
	(c)	Maintenance of Intermediate Cover	<input type="checkbox"/>
42.	811.314	FINAL COVER SYSTEM (DOES NOT APPLY TO PART 814 SITES THAT HAVE CLOSED, COVERED AND VEGETATED PRIOR TO SEPTEMBER 18, 1990)	
	(a)	General Requirements	<input type="checkbox"/>
	(b)	Standards for Low Permeability Layer	<input type="checkbox"/>
	(c)	Standards for Final Protective Layer	<input type="checkbox"/>
43.	811.316	PLUGGING AND SEALING OF DRILL HOLES	<input type="checkbox"/>
44.	811.321	WASTE PLACEMENT	
	(a)	Phasing of Operations	<input type="checkbox"/>
	(b)	Initial Waste Placement	<input type="checkbox"/>
45.	811.322	FINAL SLOPE AND STABILIZATION	
	(a)	Grade Capable of Supporting Vegetation and Minimizing Erosion	<input type="checkbox"/>
	(b)	Slopes Required to Drain	<input type="checkbox"/>
	(c)	Vegetation	<input type="checkbox"/>
	(d)	Structures Built over the Unit	<input type="checkbox"/>
46.	811.323	LOAD CHECKING PROGRAM	
	(a)	Load Checking Program Implemented	<input type="checkbox"/>
	(b)	Load Checking Program for PCB's at MSWLF Units	<input type="checkbox"/>
	(c)	Load Checking Program Components	<input type="checkbox"/>
	(d)	Handling Regulated Hazardous Wastes	<input type="checkbox"/>
	PART 811 SUBPART D	MANAGEMENT OF SPECIAL WASTES AT LANDFILLS	
47.	811.402	NOTICE TO GENERATORS AND TRANSPORTERS	<input type="checkbox"/>
48.	811.403	SPECIAL WASTE MANIFESTS REQUIREMENTS	<input type="checkbox"/>
49.	811.404	IDENTIFICATION RECORD	
	(a)	Special Waste Profile Identification Sheet	<input type="checkbox"/>
	(b)	Special Waste Recertification	<input type="checkbox"/>
50.	811.405	RECORDKEEPING REQUIREMENTS	<input type="checkbox"/>
51.	811.406	PROCEDURES FOR EXCLUDING REGULATED HAZARDOUS WASTES	<input type="checkbox"/>

	PART 811 SUBPART G	FINANCIAL ASSURANCE	
52.	811.700	COMPLY WITH FINANCIAL ASSURANCE REQUIREMENTS OF PART 811, SUBPART G	<input type="checkbox"/>
53.	811.701	UPGRADING FINANCIAL ASSURANCE	<input type="checkbox"/>
54.	811.704	CLOSURE AND POST-CLOSURE CARE COST ESTIMATES	<input type="checkbox"/>
55.	811.705	REVISION OF COST ESTIMATE	<input type="checkbox"/>
SOLID WASTE FEE SYSTEM REQUIREMENTS			
56.	Part 858 Subpart B	MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS WEIGHED (LIST SPECIFIC SECTION	<input type="checkbox"/>
57.	Part 858 Subpart C	MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS NOT WEIGHED (LIST SPECIFIC	<input type="checkbox"/>
OTHER REQUIREMENTS			
58.	OTHER:	APPARENT VIOLATION OF: (<input type="checkbox"/>) PCB; (<input type="checkbox"/>) CIRCUIT COURT CASE NUMBER: ORDER ENTERED ON:	<input type="checkbox"/>
59.			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Informational Notes

1. [Illinois] Environmental Protection Act: 415 ILCS 5/4.
2. Illinois Pollution Control Board: 35 Ill. Adm. Code, Subtitle G.
3. Statutory and regulatory references herein are provided for convenience only and should not be construed as legal conclusions of the Agency or as limiting the Agency's statutory or regulatory powers. Requirements of some statutes and regulations cited are in summary format. Full text of requirements can be found in references listed in 1. and 2. above.
4. The provisions of subsection (o) of Section 21 of the [Illinois] Environmental Protection Act shall be enforceable either by administrative citation under Section 31.1 of the Act or by complaint under Section 31 of the Act.
5. This inspection was conducted in accordance with Sections 4(c) and 4(d) of the [Illinois] Environmental Protection Act: 415 ILCS 5/4(c) and (d).
6. Items marked with an "NE" were not evaluated at the time of this inspection.

Illinois Environmental Protection Agency
Bureau of Land ♦ Field Operations Section ♦ Champaign

LPC#0390055036—DeWitt County
Clinton/Clinton Landfill #3
FOS File
May 19, 2016 Inspection
Inspector: Dustin Burger
GIS Information from BOL Inventory: N40.11507 W-88.9589

Narrative Inspection Report

I conducted a routine inspection at the above referenced facility on May 19, 2016. This inspection was conducted to determine the regulatory status and evaluate compliance with the Environmental Protection Act (Act) and Title 35 Illinois Administrative Code, Subtitle G: Land Pollution (Regulations). Dave Bryant, the Site Manager accompanied me during the visit. Seven photos were taken of Unit #3. The weather was mostly sunny and dry, with temperatures in the 70s. No violations were found.

Site Inspection

When I arrived at the landfill I checked in at the landfill office. Mr. Bryant escorted me during our inspection.

We started the inspection at the Chemical Waste Unit. The area was open and one truck was present dumping bottom ash waste at the time of the inspection. The CWU is currently taking two types of waste, a salt waste from 3M, and coal combustion ash from Archer, Daniels, Midland in Decatur and Ingredion. The floor of the eastern portion of the CWU was now fully covered with ash. The ash was now higher than the area that formerly accepted Manufactured Gas Plant (MGP) waste (photos 2-4).

The MGP waste had been covered by one foot of recompacted clay, pursuant to the settlement of a court case related to the acceptance of MGP and PCB wastes. The facility was now placing additional ash waste over the recompacted clay layer.

We also looked at the south sedimentation pond. The pond had several feet of freeboard available (photo 1). The water in the pond is sampled before it is discharged pursuant to the facility's stormwater permit.

We also looked at the waste solidification unit located on top of Cell 1C (photo 6). Section V.B of Clinton Landfill's permit authorizes the facility to solidify liquid waste. The waste includes industrial wastes and sludges, as well as leachate generated from the landfill's Municipal Solid Waste (MSW) unit. The liquid waste is discharged into a steel railcar buried in the cover on top of the landfill over previously deposited waste. Bottom ash is stored in a large temporary tent and is added to the liquid waste and mixed with a

trackhoe to solidify the material until the resultant mixture passes the paint filter test. The liquid/ash mixture is then placed in the active fill.

We then drove the perimeter of the landfill, looking for any errant litter. No litter was present.

We then drove to the municipal solid waste unit (MSW) which was very active. No banned wastes were noted as we stopped for a time to watch incoming loads (photo 6).

I visited the scalehouse to look at waste shipment documentation. The landfill noted the GPS coordinates and elevation of each asbestos load in the logbook. The amount of special waste receipts were down. A large customer for waste solidification had completed their remediation and stopped sending loads on April 4, 2016. New wastes included an E-coating bath waste from the Mitsubishi Plant in Normal, Illinois, which is now shut down and is being sold. Other special wastes included liquids from CNH, Caterpillar in Mapleton, foundry wastes from Mueller, and waste from Solazyme. All included waste analyses that indicated the wastes were not hazardous.

The gas system was operating normally. The landfill has finished placing gas lines leading from Unit #3 to the gas-to-energy plant located northwest of Unit #2. The gas-to-energy plant was operating normally, and a flare was operating to burn approximately 185 cfm of gas in excess of the plant's capacity.

Leachate from Unit #3 is collected from the leachate collection system and is pumped into a 30,000 gallon, double-walled underground tank north of Unit #3. Leachate from the MSW unit is either recirculated, hauled to the Bloomington-Normal Water Reclamation District, or solidified on-site. Thus far in 2016, 414,855 gallons have been recirculated with none shipped off site or solidified. A total of 185,000 gallons of leachate from the CWU have been hauled off-site for treatment.

Permitting

The facility is operating under permit 2005-070-LF, which expires on February 15, 2017. The permit renewal application was granted in Modification 29 on July 7, 2012. The permit includes a 157.451 acre waste disposal area with a gross airspace of 32,014,225 cubic yards. At current waste disposal rates, the space is estimated to last 45 years.

Modification 60 issued on April 28, 2016 approved an alternate source demonstration for 3rd Quarter 2015 exceedences and new interwell AGQS values for select parameters.

The estimate for closure of the current landfill's 39.8 acres of municipal solid waste disposal and 6.14 acres comprising the CWU is \$11,392,687. This value includes \$5,552,722 for premature closure, and \$5,839,905 for post-closure care. Financial assurance is in the form of a trust fund.

Groundwater

The latest groundwater submittal was a March 24, 2016 Notice of Exceedence after re-sample for exceedances noted during the first quarter of 2016. The report notes exceedances in fourteen (14) wells. Most of the exceedances were for field specific conductance and or ammonia. Exceedances for 1st quarter 2016 are attached to this report as a table from the submittal. The landfill is required to submit a permit application to address the exceedances if they are confirmed.

Summary of Apparent Violations

No violations were noted during the inspection

**The appearance of some of the images
following this page is due to**

Poor Quality Original Documents

and not the scanning or filming processes.

**Com Microfilm Company
(217) 525-5860**



Illinois Environmental Protection Agency
Bureau of Land

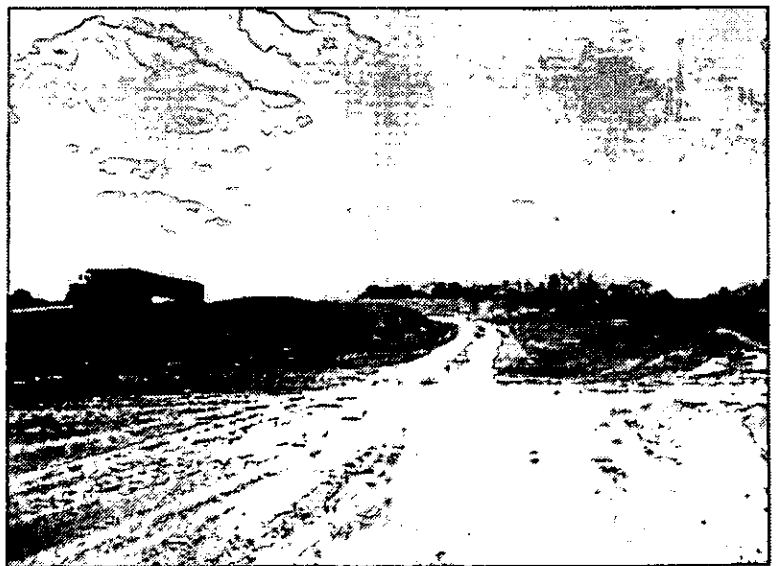
DIGITAL PHOTOGRAPHS

LPC #0390055036—DeWitt County
Clinton/Clinton Landfill
FOS File

DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: East
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-001.jpg
COMMENTS: South detention pond



DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-002.jpg
COMMENTS: CWU



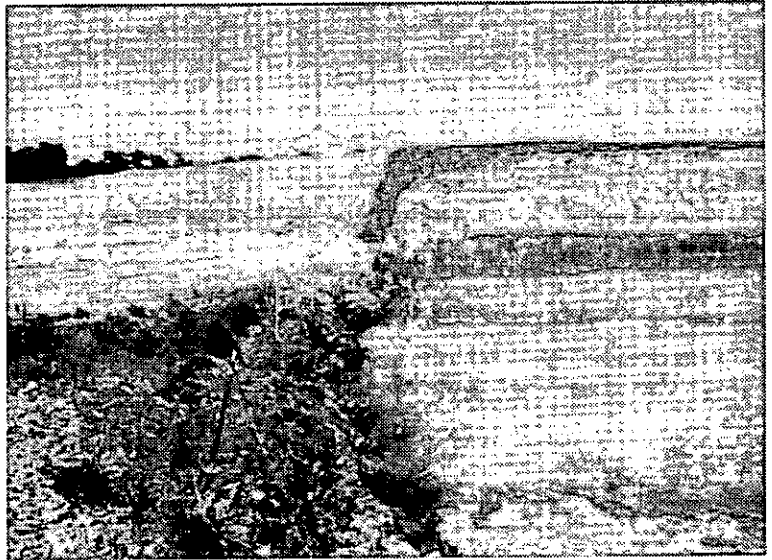


Illinois Environmental Protection Agency
Bureau of Land

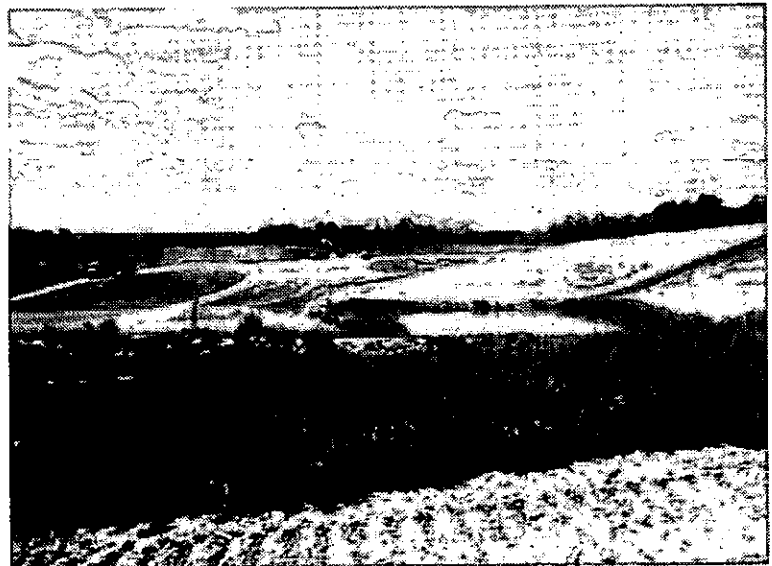
DIGITAL PHOTOGRAPHS

LPC #0390055036—DeWitt County
Clinton/Clinton Landfill
FOS File

DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: West
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-003.jpg
COMMENTS: CWU



DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-004.jpg
COMMENTS: CWU



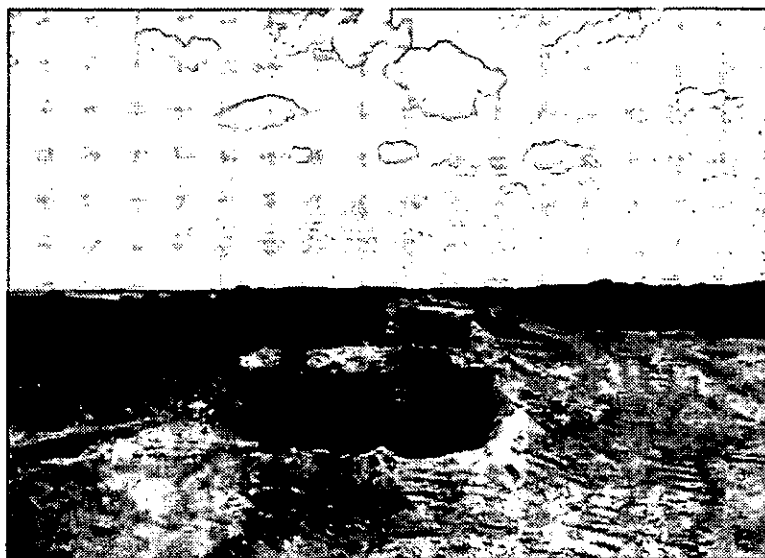


Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

LPC #0390055036—DeWitt County
Clinton/Clinton Landfill
FOS File

DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: East
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-005.jpg
COMMENTS: Solidification Unit



DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-006.jpg
COMMENTS: Active area



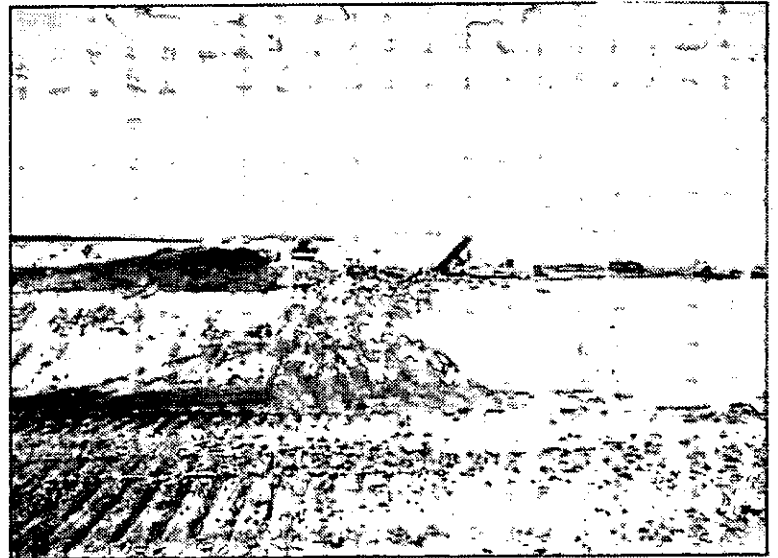


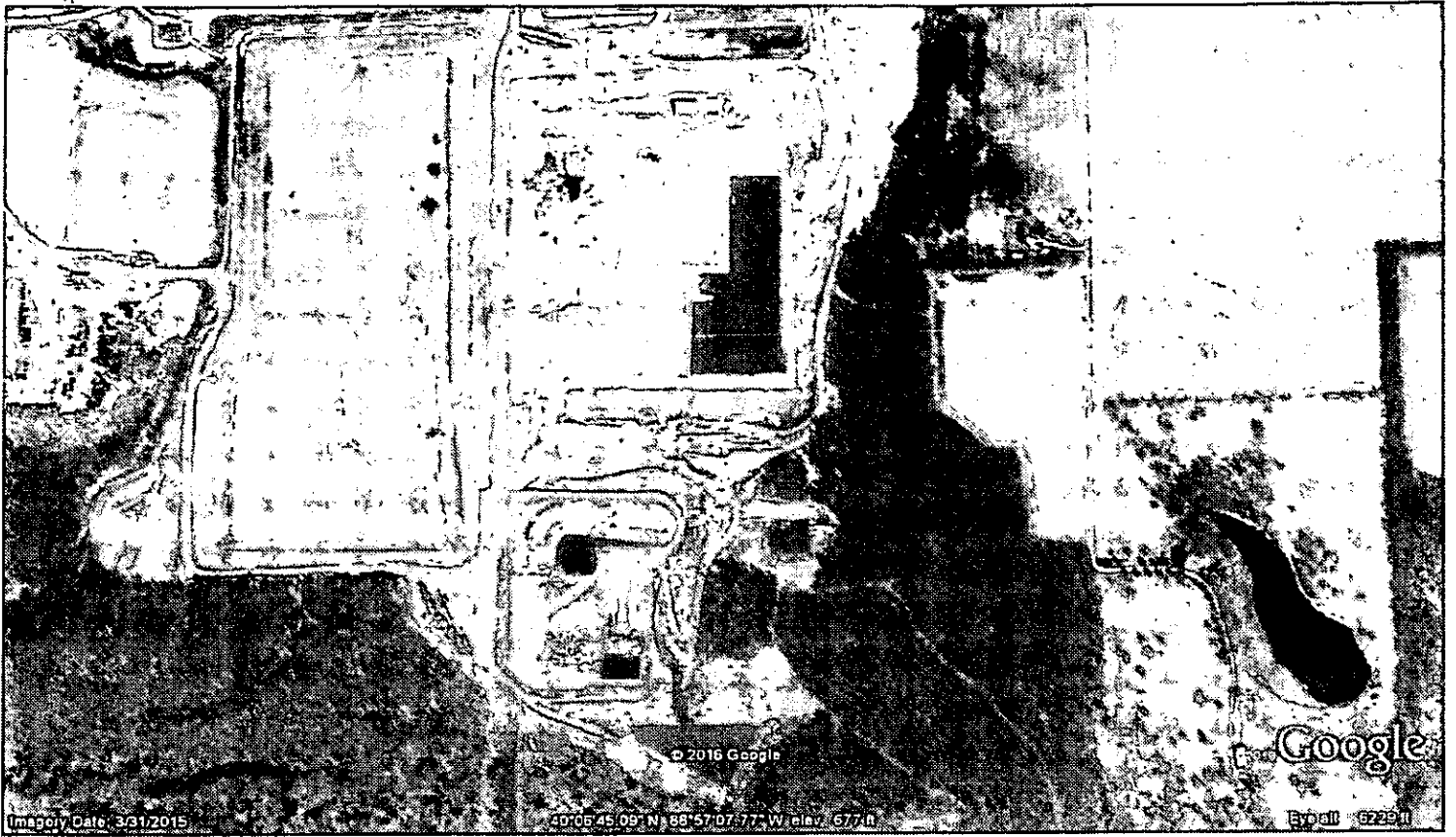
Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

LPC #0390055036—DeWitt County
Clinton/Clinton Landfill
FOS File

DATE: May 19, 2016
TIME: 10:40-Noon
DIRECTION: West
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~05192016-007.jpg
COMMENTS: Active Area





Clinton Landfill, Inc. Leachate Management Summary Annual 2016 (Gallons)

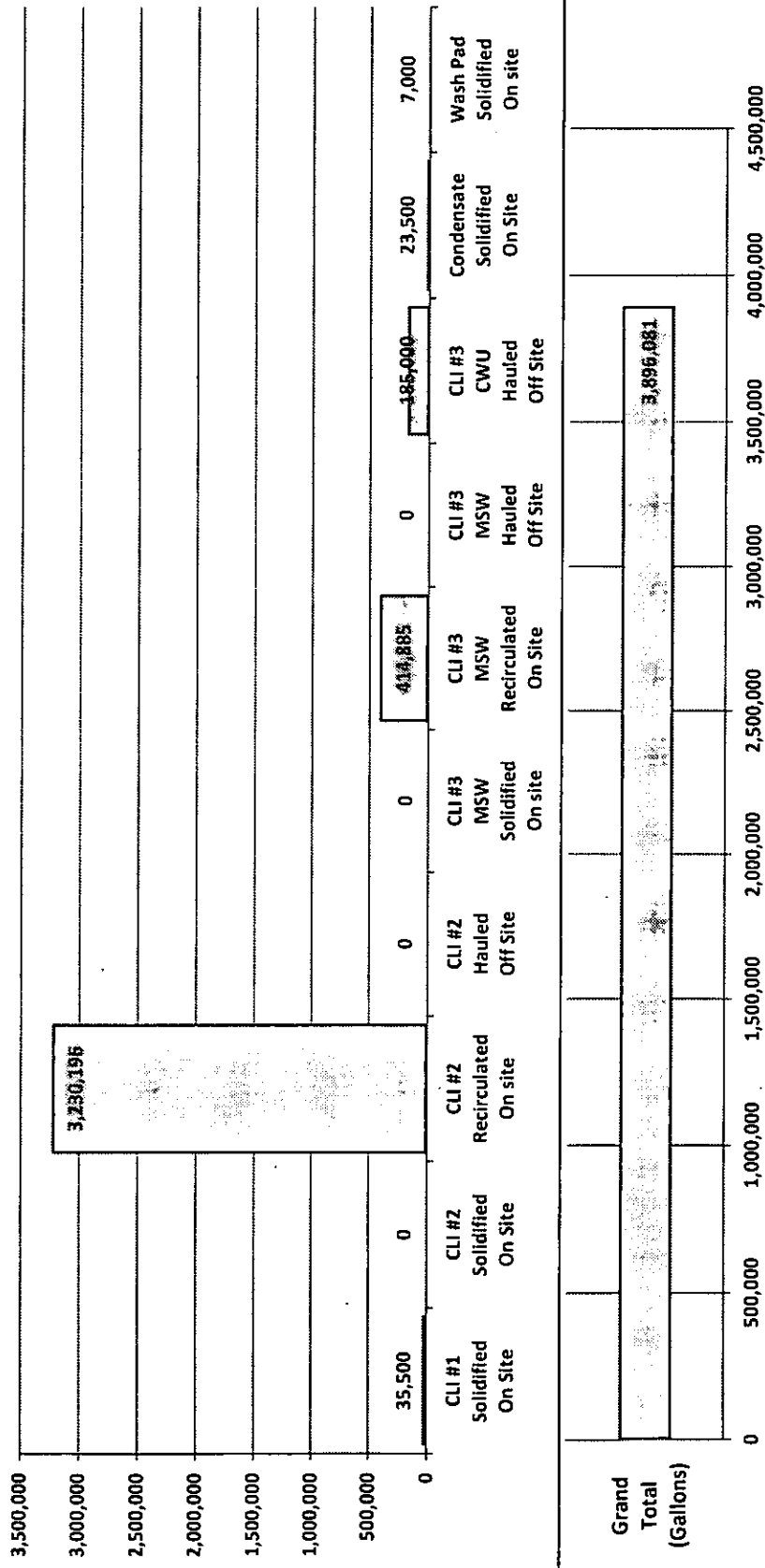


TABLE 1
Clinton Landfill No. 3
Summary of Confirmation Sample Results – 1st Quarter 2016

Well	Parameter	Units	Initial Result	Interwell AGQS/ MAPC	Intrawell AGQS	Resample Result
ROXANA SILT-ROBEIN MEMBER WELLS						
G25R	Nitrate-N, dissolved	mg/L	2.1	0.06	NE	1.2
	Specific Conductance, field	µmhos/cm	1902	1543	1399	1985
G31R	Cyanide, total	mg/L	0.006	0.005	NE	< 0.005
G47R	Specific Conductance, field	µmhos/cm	1592	1543	NE	1616
G48R	Specific Conductance, field	µmhos/cm	1652	1543	NE	1660
R17R	Ammonia-N, dissolved	mg/L	32	30	NE	35
	Specific Conductance, field	µmhos/cm	1759	1543	NE	1724
UPPER RADNOR TILL SAND WELLS						
G54S	Nitrate-N, dissolved	mg/L	0.45	0.29	NE	0.22
	Chromium, dissolved	µg/L	15	4.0	NE	< 4.0
LOWER RADNOR TILL SAND WELLS						
G01M	Magnesium, dissolved	mg/L	93	82.2	NE	81
	Specific Conductance, field	µmhos/cm	1571	1457	NE	1495
G16M	Ammonia-N, dissolved	mg/L	25	24	NE	25
G25M	Cyanide, total	mg/L	0.006	0.005	NE	< 0.005
G27M	Chromium, dissolved	µg/L	14	4.6	NE	< 4.0
G31M	Sulfate, dissolved	mg/L	74	65	NE	60
G47M	Magnesium, dissolved	mg/L	84	82.2	NE	92
	Specific Conductance, field	µmhos/cm	1642	1457	NE	1661
G48M	Nitrate-N, dissolved	mg/L	0.35	0.14	NE	0.36
G49M	Specific Conductance, field	µmhos/cm	1642	1457	NE	1653
R17M	Ammonia-N, dissolved	mg/L	31	24	NE	31
	Specific Conductance, field	µmhos/cm	1739	1457	NE	1718
ORGANIC SOILS WELLS						
G09D	Chloride, dissolved	mg/L	59	33	NE	62
	Magnesium, dissolved	mg/L	120	73	NE	130
	Sulfate, dissolved	mg/L	1100	76	351.5	1100
	Specific Conductance, field	µmhos/cm	2359	1383	NE	2603
	Total Dissolved Solids	mg/L	1800	787	NE	1900

Notes:

1. * denotes an Upgradient Well
2. AGQS: Applicable Groundwater Quality Standard/MAPC: Maximum Allowable Predicted Concentration
3. dissolved = filtered sample, total = unfiltered sample; mg/L = Milligrams per liter = parts per million (ppm), µg/L = Micrograms per liter = parts per billion (ppb), µmhos/cm = micromhos/centimeter, s.u. = standard units
4. **BOLD** denotes a confirmed exceedance