



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, DIRECTOR

Voice: (217) 278-5800

FAX: (217) 278-5808

December 5, 2016

Ron Welk  
Vice President of Development and Operations  
Clinton Landfill, Inc.  
4700 North Sterling Drive  
Peoria, Illinois 61615-3647

Re: LPC#0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
Compliance File

Dear Mr. Welk:

On November 28, 2016 an inspection of the above referenced site was conducted by Dustin Burger representing the Illinois Environmental Protection Agency. The purpose of this inspection was to determine the site's compliance with the Illinois Environmental Protection Act and 35 Illinois Administrative Code G regulations.

No violations were noted during this inspection.

For your information, a copy of the inspection report is enclosed. Please contact Dustin Burger at (217) 278-5800 if you have any questions regarding this inspection.

Sincerely,

A handwritten signature in black ink that reads "John P. Richardson".

John P. Richardson, Acting Manager  
Field Operations Section  
Bureau of Land

Enclosure



## 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: 11/28/2016 Time: From 10:00A To 11:00A Previous Inspection Date: 08/24/2016  
 Inspector(s): Dustin Burger                      Weather: Steady rain, south wind at 25  
 No. of Photos Taken: # 5                      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                       Existing Landfills    814-Subpart C      
 Initial: 2005-070-LF                      Closed-Not Certified.                          814-Subpart D      
 Latest Mod 63 Exp. 2/15/17                      Closed-Date Certified: \_\_\_\_\_                      New Landfills:    811-Putres./Chem.   

	SECTION	DESCRIPTION	VIOL
<b>ILLINOIS ENVIRONMENTAL PROTECTION ACT REQUIREMENTS</b>			
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"/>

10.	21(o)	<b>CONDUCT A SANITARY LANDFILL OPERATION WHICH RESULTS IN ANY OF THE FOLLOWING CONDITIONS:</b>	
	(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)	<b>CAUSE OR ALLOW A LATERAL EXPANSION OF A MUNICIPAL SOLID WASTE LANDFILL (MSWLF) UNIT WITHOUT A PERMIT MODIFICATION</b>	<input type="checkbox"/>
12.	21.6(b)	<b>ACCEPTANCE OF LIQUID USED OIL FOR FINAL DISPOSAL (EFFECTIVE JULY 1, 1996)</b>	<input type="checkbox"/>
13.	22.01	<b>FAILURE TO SUBMIT ANNUAL NONHAZARDOUS SPECIAL WASTE</b>	<input type="checkbox"/>
14.	22.17	<b>LANDFILL POST-CLOSURE CARE</b>	
	(a)	Failure to Monitor Gas, Water, Settling	<input type="checkbox"/>
	(b)	Failure to Take Remedial Action	<input type="checkbox"/>
15.	22.22(c)	<b>ACCEPTANCE OF LANDSCAPE WASTE FOR FINAL DISPOSAL</b>	<input type="checkbox"/>
16.	22.23(f)(2)	<b>CAUSE OR ALLOW THE DISPOSAL OF ANY LEAD-ACID BATTERY</b>	<input type="checkbox"/>
17.	22.28(b)	<b>ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL</b>	<input type="checkbox"/>
18.	55(b)(1)	<b>ACCEPTANCE OF ANY USED OR WASTE TIRE FOR FINAL DISPOSAL (UNLESS LANDFILL MEETS EXEMPTION OF 55(b)(1))</b>	<input type="checkbox"/>
19.	56.1(a)	<b>CAUSE OR ALLOW THE DISPOSAL OF ANY POTENTIALLY INFECTIOUS MEDICAL WASTE</b>	<input type="checkbox"/>
<b>SOLID WASTE SITE OPERATOR CERTIFICATION LAW REQUIREMENTS</b>			
20.	225 ILCS 230/1004	<b>CAUSING OF ALLOWING OPERATION OF A LANDFILL WITHOUT PROPER COMPETENCY CERTIFICATE</b>	<input type="checkbox"/>
<b>35 ILLINOIS ADMINISTRATIVE CODE REQUIREMENTS SUBTITLE G</b>			
<b>PRIOR CONDUCT CERTIFICATION REQUIREMENTS</b>			
21.	745.181	<b>CHIEF OPERATOR REQUIREMENTS</b>	<input type="checkbox"/>
22.	745.201	<b>PRIOR CONDUCT CERTIFICATION PROHIBITIONS</b>	<input type="checkbox"/>
<b>SPECIAL WASTE HAULING REQUIREMENTS</b>			
23.	809.301	<b>REQUIREMENTS FOR DELIVERY OF SPECIAL WASTE TO HAULERS</b>	<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"/>
<b>NEW SOLID WASTE LANDFILL REQUIREMENTS</b>			
	<b>PART 811 SUBPART</b>	<b>GENERAL STANDARDS FOR ALL LANDFILLS</b>	
26.	811.103	<b>SURFACE WATER DRAINAGE</b>	
	(a)	Runoff from Disturbed Areas	<input type="checkbox"/>
	(b)	Diversion of Runoff from Undisturbed Areas	<input type="checkbox"/>
27.	811.104	<b>SURVEY CONTROL</b>	
	(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	<b>COMPACTION</b>	<input type="checkbox"/>
29.	811.106	<b>DAILY COVER</b>	
	(a)	Six Inches Soil	<input type="checkbox"/>
	(b)	Alternative Daily Cover	<input type="checkbox"/>
30.	811.107	<b>OPERATING STANDARDS</b>	
	(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	<b>SALVAGING</b>	
	(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	<b>BOUNDARY CONTROL</b>	
	(a)	Access Restricted	<input type="checkbox"/>
	(b)	Proper Sign Posted	<input type="checkbox"/>

<b>33.</b>	<b>811.110</b>	<b>CLOSURE AND WRITTEN CLOSURE PLAN</b>	
	(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"/>
<b>34.</b>	<b>811.111</b>	<b>POST-CLOSURE MAINTENANCE</b>	
	(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"/>
<b>35.</b>	<b>811.112</b>	<b>RECORDKEEPING REQUIREMENTS FOR MSWLF UNITS</b>	
	(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"/>
	<b>PART 811 SUBPART C</b>	<b>PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS</b>	
<b>36.</b>	<b>811.302</b>	<b>FACILITY LOCATION</b>	
	(c)	Site Screening (Does Not Apply To Part 814-Subpart D Sites)	<input type="checkbox"/>
<b>37.</b>	<b>811.309</b>	<b>LEACHATE TREATMENT AND DISPOSAL SYSTEM</b>	
	(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"/>
<b>38.</b>	<b>811.310</b>	<b>LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLE WASTE)</b>	
	(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"/>
<b>39.</b>	<b>811.311</b>	<b>LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTRESCIBLE LANDFILLS)</b>	
	(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	<b>LANDFILL GAS PROCESS AND DISPOSAL SYSTEM</b>	
	(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	<b>INTERMEDIATE COVER</b>	
	(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	<b>FINAL COVER SYSTEM (DOES NOT APPLY TO PART 814 SITES THAT HAVE CLOSED, COVERED AND VEGETATED PRIOR TO SEPTEMBER 18, 1990)</b>	
	(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	<b>PLUGGING AND SEALING OF DRILL HOLES</b>	<input type="checkbox"/>
44.	811.321	<b>WASTE PLACEMENT</b>	
	(a)	Phasing of Operations	<input type="checkbox"/>
	(b)	Initial Waste Placement	<input type="checkbox"/>
45.	811.322	<b>FINAL SLOPE AND STABILIZATION</b>	
	(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	<b>LOAD CHECKING PROGRAM</b>	
	(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"/>
	<b>PART 811 SUBPART D</b>	<b>MANAGEMENT OF SPECIAL WASTES AT LANDFILLS</b>	
47.	811.402	<b>NOTICE TO GENERATORS AND TRANSPORTERS</b>	<input type="checkbox"/>
48.	811.403	<b>SPECIAL WASTE MANIFESTS REQUIREMENTS</b>	<input type="checkbox"/>
49.	811.404	<b>IDENTIFICATION RECORD</b>	
	(a)	Special Waste Profile Identification Sheet	<input type="checkbox"/>
	(b)	Special Waste Recertification	<input type="checkbox"/>
50.	811.405	<b>RECORDKEEPING REQUIREMENTS</b>	<input type="checkbox"/>
51.	811.406	<b>PROCEDURES FOR EXCLUDING REGULATED HAZARDOUS WASTES</b>	<input type="checkbox"/>

	<b>PART 811 SUBPART G</b>	<b>FINANCIAL ASSURANCE</b>	
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"/>
<b>SOLID WASTE FEE SYSTEM REQUIREMENTS</b>			
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"/>
<b>OTHER REQUIREMENTS</b>			
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  
November 28, 2016 Inspection  
Inspector: Dustin Burger  
GIS Information from BOL Inventory: N40.11507 W-88.9589

**Narrative Inspection Report**

I conducted a routine solid waste inspection at the above referenced facility on November 28, 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. Five photos were taken. There was a driving rain falling, powered by 15-25 mph winds from the south. It had rained the entire night before the inspection.

**Site Inspection**

When I arrived at the landfill I checked in at the landfill office. Mr. Bryant was out on the landfill, and I found him as he was driving back in his ATV. He escorted me during our inspection. The scalehouse was busy, with 8 trucks waiting for the scales as we drove past.

We started the inspection at the Chemical Waste Unit. The area was open and several trucks were busy dumping in the area. Mr. Bryant said the landfill has been receiving 12-15 trucks per day of contaminated soil from a former railroad tie treatment site in Sauget, Illinois. The soil was permitted for any municipal landfill, but the parties involved in the remediation chose Clinton Landfill's Chemical Waste Unit because of the additional protection it offers from future liability. The CWU still is receiving bed ash, as well as a salt waste and spent bleaching clay.

The main roads at the facility were in good shape, but some of the dirt access roads around the south sides were muddy enough I did not think my truck could access them. I could see parts of the south sedimentation pond from the CWU access road, and could see that it still had at least 6 feet of freeboard available.

We also looked at the waste solidification unit located on top of Cell 1C, which was not active during my inspection. 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. The east side of the landfill is composed of a dirt road, and it was muddy enough in the rain I was concerned about getting stuck or sliding off the road. Minor amounts of litter were present on the north side of the landfill, but it was not excessive even in the high winds. Mr. Bryant said it would be picked up as normal at the end of the day.

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 from the east and south sides.

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.

Special wastes received recently included:

1. Oily sludge from CNH
2. Spent lapping compound from Caterpillar's Mapleton Facility
3. Gas condensate and leachate from Clinton Landfill's units #1 and #2
4. Filter cake from Depue
5. Foundry Dust from Mueller in Decatur
6. Foundry sand from Mueller
7. Alcohol Catalyst from Equistar
8. Waste from remediation project at Moss American/Tronox in Sauget, Illinois.

The only new wastes noted were soils and liquids from the remediation project in Sauget, Illinois. I looked at the waste profile for this material, which indicated the waste had 0.13 parts per million of two of the cresol isomers (m-cresol, p-cresol). The limit the concentration must exceed to be considered a hazardous waste is 200 ppm.

The gas system was operating normally. The gas-to-energy plant was operating normally, and a flare was operating to burn gas in excess of the plant's capacity. The landfill generates approximately 1500 cubic feet per minute of landfill gas.

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 recirculated, hauled to the Bloomington-Normal Water Reclamation District, or solidified on-site.

## **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 62 issued on September 15, 2016 approved the following:

1. The operator's demonstration of compliance with Condition IX13 of permit modification 61, which required the submittal of a landfill gas assessment report.
2. The proposed assessment monitoring activities to address landfill gas exceedances in probes PGP-2, PGP-3 and PGP-16.
3. Resumption of annual monitoring at gas probe PGP-8
4. Changes to the permit condition to bring them in line with the agreements documented in the November 12, 2016 Consent Order No. 15-CH-46.
5. Annual update to the closure and post-closure cost estimates.

Modification 63, issued on November 16, 2016 approved the following:

1. Alternate source demonstration for 1<sup>st</sup> quarter 2016 groundwater exceedances.
2. Establishment of intrawell AGQS values for select parameters.
3. Assessment monitoring at well G09D
4. Construction documentation for four leachate re-circulation wells designated as LRW-130, LRW-136, LRW-167, and LRW-168.
5. Construction acceptance report for several landfill gas collection pipes.

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 \$11,478,077. This value includes \$5,564,186 for premature closure, and \$5,913,891 for post-closure care. Financial assurance is in the form of a trust fund.

## **Groundwater**

The latest groundwater submittal was received on July 11, 2016. The Notice of Exceedence after re-sample for exceedances noted during the second quarter of 2016. The report notes exceedances in the following wells that are not already addressed by previous permit submittals:

G09R-Dissolved Nitrate  
G27R-Specific Conductance, Total Dissolved Solids

The landfill is required to submit a permit application to address the exceedances when they are confirmed by this re-sample event. This is the last groundwater information available in the Agency's file system.

## **Summary of Apparent Violations**

No violations were noted.





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE: November 28, 2016  
TIME: 10:00-11:00 A.M.  
DIRECTION: West  
PHOTO by: Dustin Burger  
PHOTO FILE NAME:  
0390055036~11282016-005.jpg  
COMMENTS:







Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE: November 28, 2016  
TIME: 10:00-11:00 A.M.  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILE NAME:  
0390055036~11282016-001.jpg  
COMMENTS:



DATE: November 28, 2016  
TIME: 10:00-11:00 A.M.  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILE NAME:  
0390055036~11282016-002.jpg  
COMMENTS: Chemical Waste  
Unit



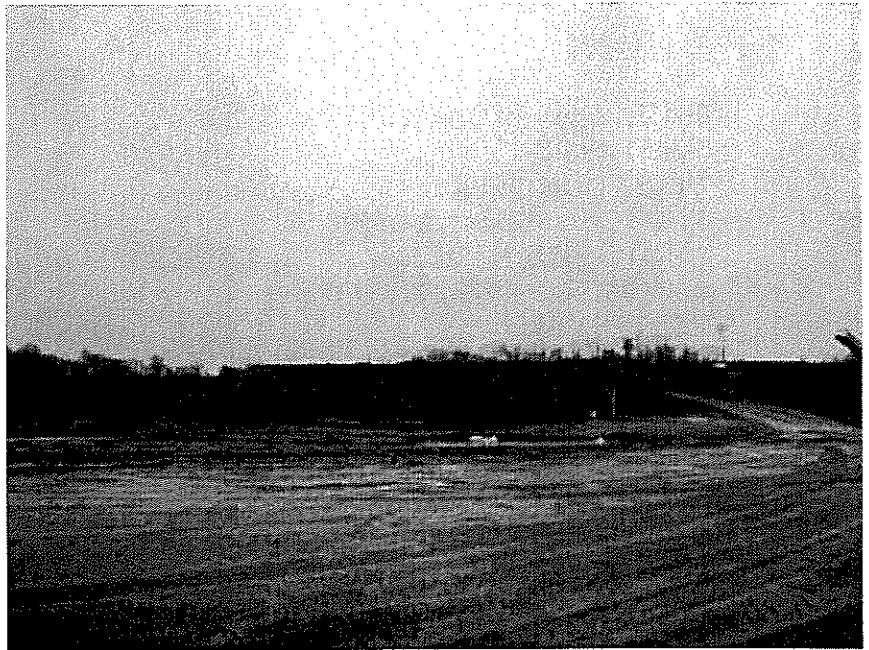


Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

**DATE:** November 28, 2016  
**TIME:** 10:00-11:00 A.M.  
**DIRECTION:** South  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~11282016-003.jpg  
**COMMENTS:** Chemical Waste  
Unit

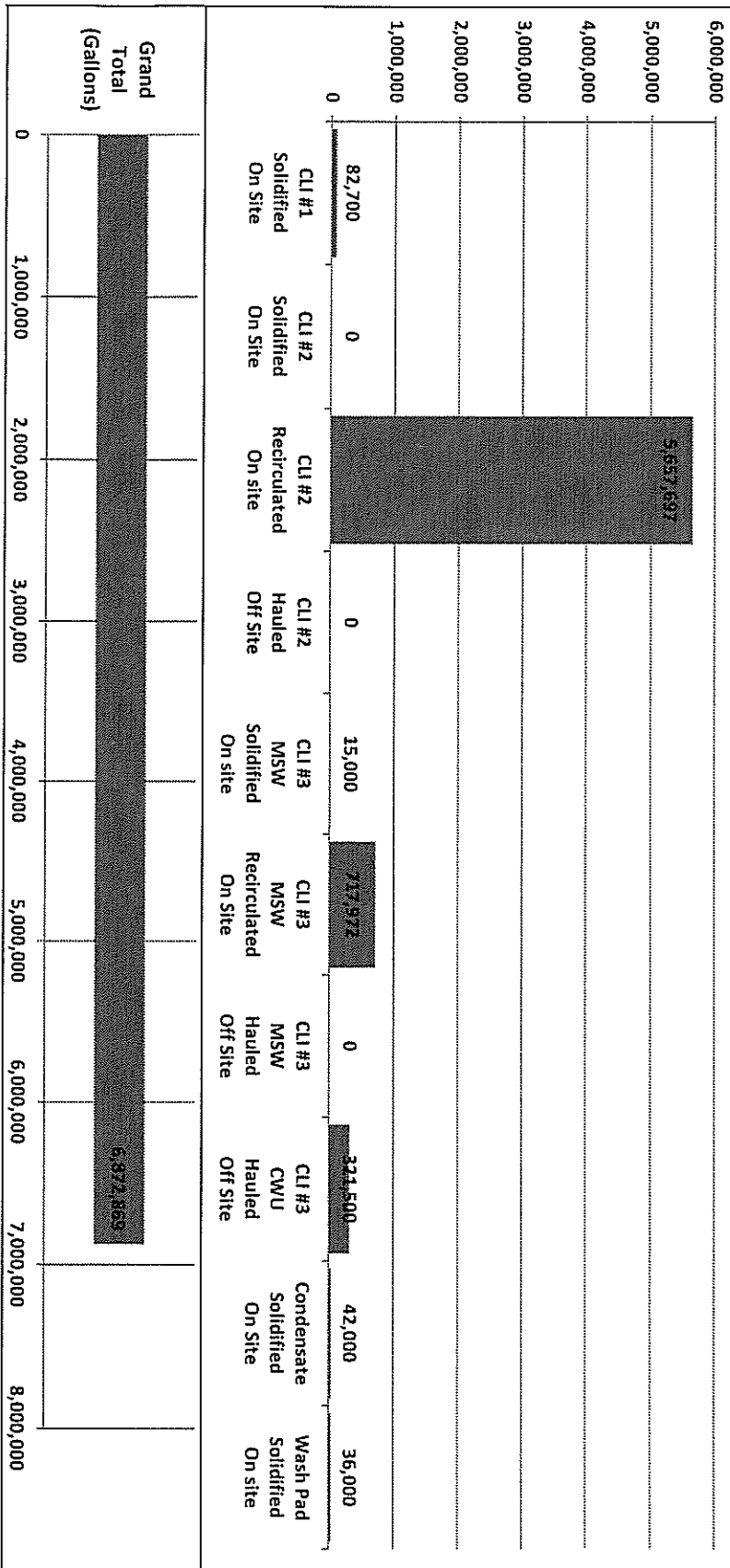


**DATE:** November 28, 2016  
**TIME:** 10:00-11:00 A.M.  
**DIRECTION:** South  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~11282016-004.jpg  
**COMMENTS:** Chemical waste  
unit





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





**TABLE 1**  
**Clinton Landfill No. 3**  
**Additional Apparent Exceedances for 2<sup>nd</sup> Quarter 2016**

Well	Parameter	Units	Initial Result	Interwell AGQS/ MAPC	Intrawell AGQS	Confirm Result?
<b>ROXANA SILT-ROBEIN MEMBER WELLS</b>						
G24M	Ammonia, dissolved	mg/L	<b>26</b>	24	NE	Yes
G25R	Nitrate, dissolved	mg/L	<b>0.35</b>	0.06	NE	No
G26R	Nitrate, dissolved	mg/L	<b>0.09</b>	0.06	NE	No
G27R	Arsenic, dissolved	µg/L	<b>18</b>	11	NE	No
	Sulfate, dissolved	mg/L	<b>530</b>	286	NE	Yes
R17M	Ammonia, dissolved	mg/L	<b>33</b>	24	NE	No

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** indicates that the result qualifies as an exceedance, as defined by the Facility permit.

Permit needed.

Log 2016-144

1st Q



**TABLE 1**  
**Clinton Landfill No. 3**  
**Confirmation Results for 2<sup>nd</sup> Quarter 2016**

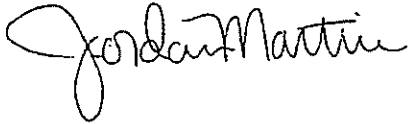
Well	Parameter	Units	Initial Result	Interwell AGQS/ MAPC	Intrawell AGQS	Resample Result
<b>ROXANA SILT-ROBEIN MEMBER WELLS</b>						
G09R	Nitrate-N, dissolved	mg/L	<b>0.08</b>	0.06	NE	<b>0.22</b>
G27R	Specific Conductance, field	µmhos/cm	<b>1818</b>	1543	NE	<b>1868</b>
	Total Dissolved Solids	mg/L	<b>1100</b>	1064	NE	<b>1200</b>
G47R	Nitrate-N, dissolved	mg/L	<b>0.16</b>	0.06	NE	< 0.02
G49R	Arsenic, dissolved	µg/L	<b>13</b>	11	NE	9.5
	Magnesium, dissolved	mg/L	<b>120</b>	114	NE	88
G58R	Nitrate-N, dissolved	mg/L	<b>0.33</b>	0.06	NE	< 0.02

Notes:

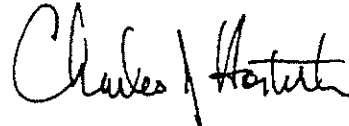
1. # denotes an Upgradient Well
2. AGQS: Applicable Groundwater Quality Standard/MAPC: Maximum Allowable Predicted Concentration
3. dissolved = filtered sample, total = unfiltered sample; mg/L = Milligrams per liter = parts per million (ppm), µg/L = Micrograms per liter = parts per billion (ppb), µmhos/cm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

Please contact either of the undersigned if you have any questions or need additional information.

Sincerely,  
PDC Technical Services, Inc.



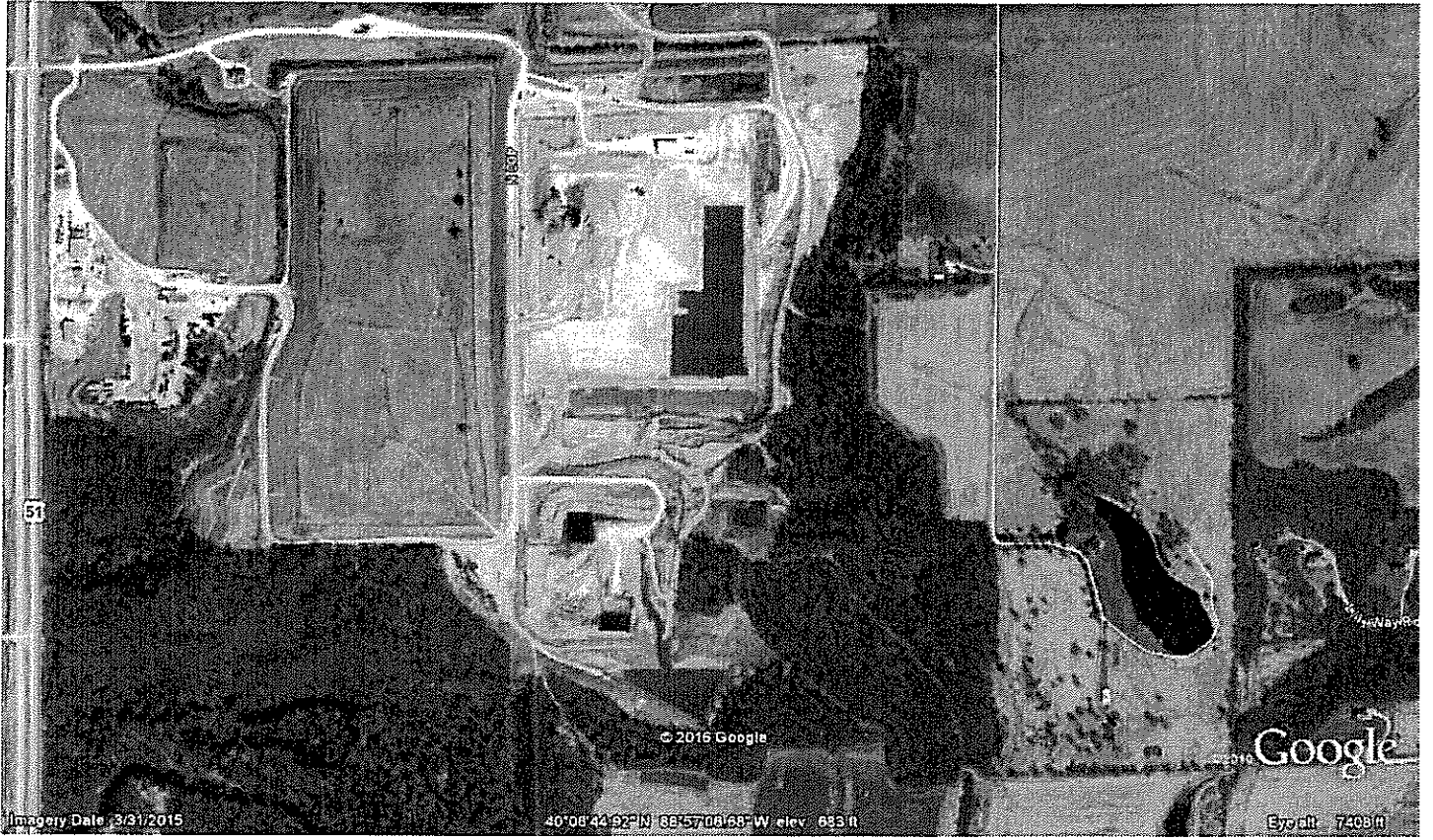
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David Bryant  
File

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Imagery Date: 3/31/2015

40°08'44.92"N 88°57'03.68"W elev. 693 ft

EyeAlt: 7408 ft

