



# 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

March 7, 2017

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 February 16, 2017 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 cursive script 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: 02/16/2017 Time: From 11:20A To 12:10P Previous Inspection Date: 11/28/2016  
 Inspector(s): Dustin Burger Weather: Mostly sunny, dry, 60s  
 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:** Significant Modification Permit  Initial: 2005-070-LF Latest Mod 65 Exp. 2/15/17\*  
**OPERATIONAL STATUS:** Operating  Closed-Not Certified.  Closed-Date Certified:                       
**TYPE OF OPERATION:** Existing Landfills 814-Subpart C  814-Subpart D  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"/>

33.	811.110	<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"/>
34.	811.111	<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"/>
35.	811.112	<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>	
36.	811.302	<b>FACILITY LOCATION</b>	
	(c)	Site Screening (Does Not Apply To Part 814-Subpart D Sites)	<input type="checkbox"/>
37.	811.309	<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"/>
38.	811.310	<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"/>
39.	811.311	<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"/>

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"/>
<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

- [Illinois] Environmental Protection Act: 415 ILCS 5/4.
- Illinois Pollution Control Board: 35 Ill. Adm. Code, Subtitle G.
- 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.
- 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.
- 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).
- 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  
February 16, 2017 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 February 16, 2017. 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). Kyle Martin accompanied me during the visit. Seven photos were taken. The weather was unseasonably warm, with temperatures in the 60s, mostly sunny skies, and moderate south wind.

**Site Inspection**

When I arrived at the landfill I checked in at the landfill office. Mr. Bryant was in a meeting with managers from the company's Peoria Headquarters, so Kyle Martin accompanied me on the inspection.

We started at the waste solidification unit located on top of Cell 1C, which was not active during my inspection (photo 1). 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 one of two steel railcars 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 northern and eastern perimeter of the landfill, looking for any errant litter. The east side of the landfill is composed of a dirt road, and did not give access to the active area or southern areas of the landfill. I took a photo of the currently filled areas 1, 3, and 5 (photo 4). The cells on the west side of the landfill have odd numbers, while the future cells on the east side of unit three will be designated with even numbers. The area between Cell 5 and the Chemical Waste Unit on the south side was being excavated for a new cell (photo 3).

We then drove to the municipal solid waste unit (MSW) active area. We watched several trucks dump at the active face. The traffic was steady, but there were no waiting disposal trucks. No banned wastes were noted in the wastes deposited.

We then visited the Chemical Waste Unit. The area was open and several trucks were busy dumping in the area. The CWU still is receiving bed ash, as well as a salt waste and spent bleaching clay. The access road into the CWU had been relocated to make room for a future stormwater pond as cell 7 is constructed to the north.

The south sedimentation pond had plenty of room for additional stormwater (photo 7).

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. Asbestos was received from the University of Illinois, State Farm in Bloomington, and Tate & Lyle in Decatur.

Special wastes received recently included:

1. Spent lapping compound from Caterpillar's Mapleton Facility
2. Gas condensate and leachate from Clinton Landfill's units #1 and #2
3. Filter cake from Depue
4. Foundry Dust from Mueller in Decatur
5. Foundry sand from Mueller

The gas system was operating normally. The gas-to-energy plant was operating, 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, with the flare currently burning approximately 400 cubic feet per minute.

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. For 2016, a total of 15,000 gallons of leachate from Unit 3 were solidified. A total of 769,958 gallons were recirculated back into Unit 3, and 321,500 gallons of leachate from the CWU were hauled for off-site disposal.

## **Permitting**

The facility is operating under permit 2005-070-LF, which expired on February 15, 2017. The permit renewal application was received on November 10, 2016. The permit renewal has been challenged by a local group based on the designation of the Mahomet Aquifer as a sole-source aquifer. 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 64, issued on December 14, 2016 approved the construction report for the installation of the 12" clay layer in the Chemical Waste Unit.

Modification 65, issued on January 3, 2017 approved the following:

1. Alternate source demonstration for 2nd quarter 2016 groundwater exceedances.
2. Establishment of intrawell 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 \$11,478,077. 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 on file was received on December 29, 2016 for exceedances noted during the fourth quarter of 2016. The report notes exceedances in a chart attached to this report.

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

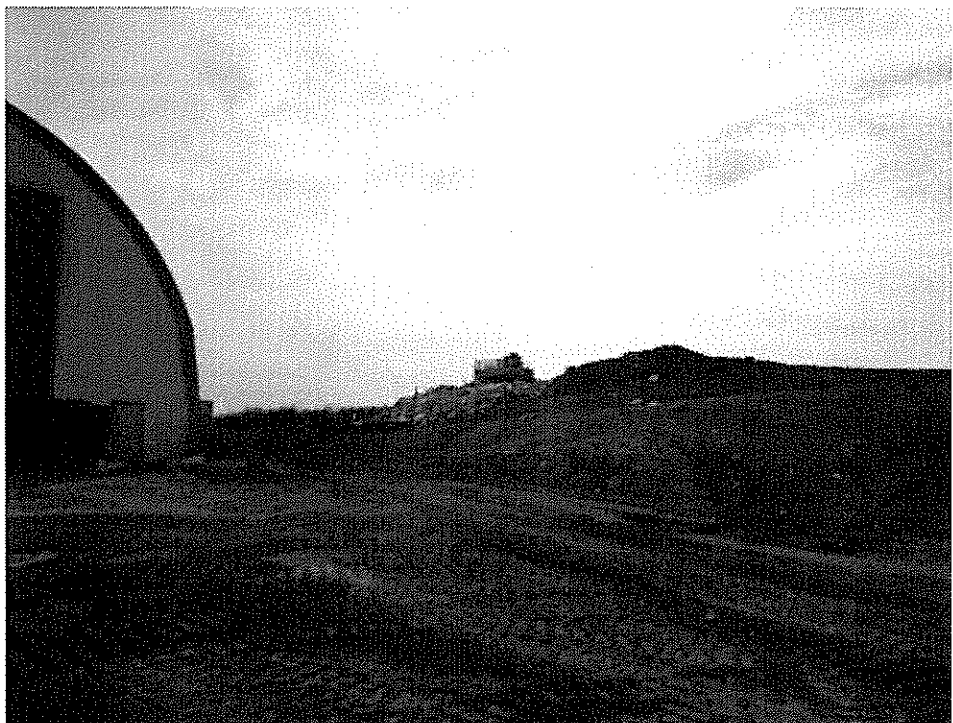
## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10 P.M.  
**DIRECTION:** East  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
001.jpg  
**COMMENTS:** Solidification  
unit



**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10 P.M.  
**DIRECTION:** Southeast  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
002.jpg  
**COMMENTS:**





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10 P.M.  
**DIRECTION:** West  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
003.jpg  
**COMMENTS:** Cell 7 under  
development



**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10 P.M.  
**DIRECTION:** Northwest  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
004.jpg  
**COMMENTS:**





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10 P.M.  
**DIRECTION:** Southwest  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
005.jpg  
**COMMENTS:** Active Area



**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10 P.M.  
**DIRECTION:** Southwest  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
006.jpg  
**COMMENTS:** CWU





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

**DATE:** February 16, 2017  
**TIME:** 11:20 A.M.- 12:10  
P.M.  
**DIRECTION:** East  
**PHOTO by:** Dustin Burger  
**PHOTO FILE NAME:**  
0390055036~02162017-  
007.jpg  
**COMMENTS:** South  
Sedimentation pound







Imagery Date: 3/31/2015

40°06'46.45" N 88°57'10.48" W elev. 670 ft

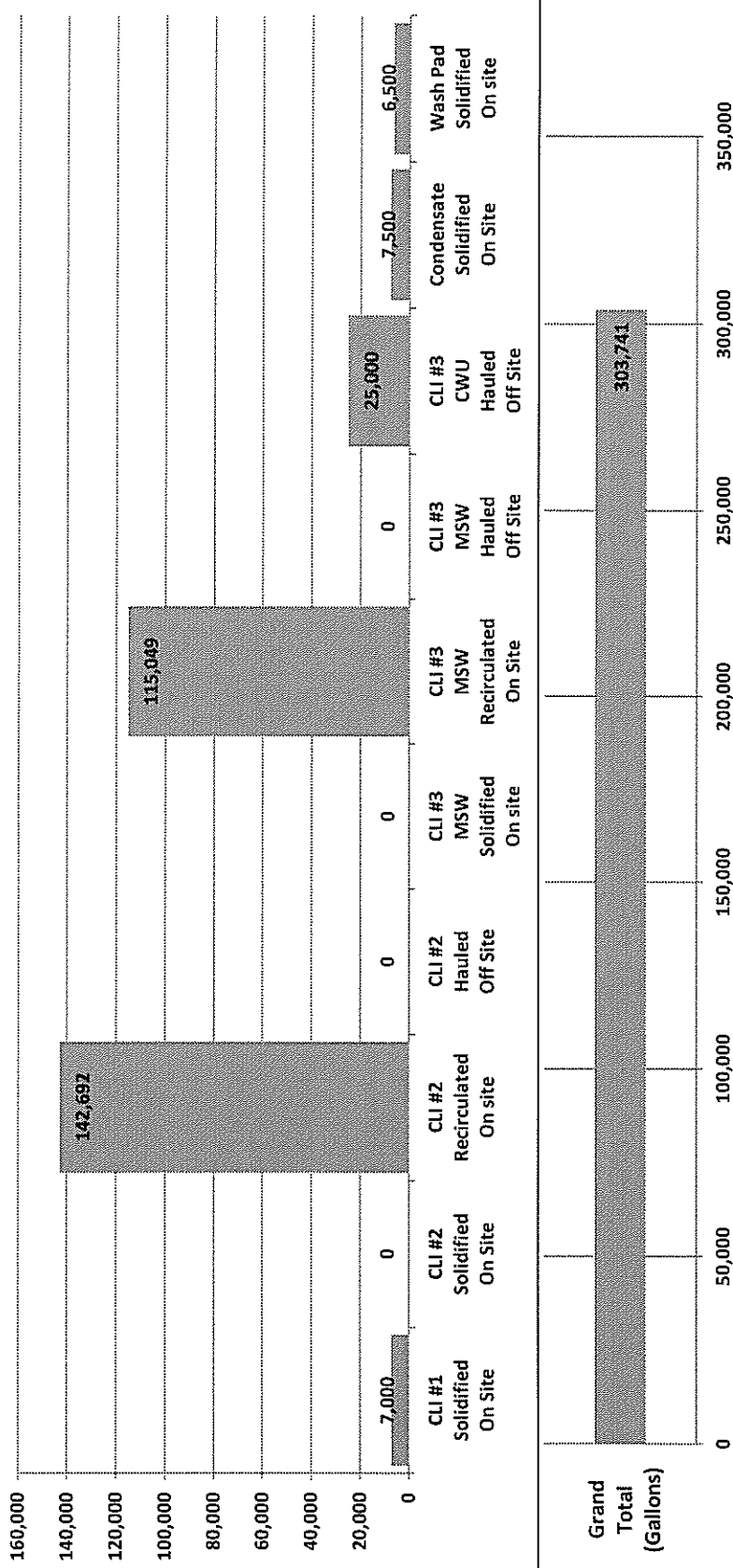
© 2016 Google

Google

View all 6108 ft

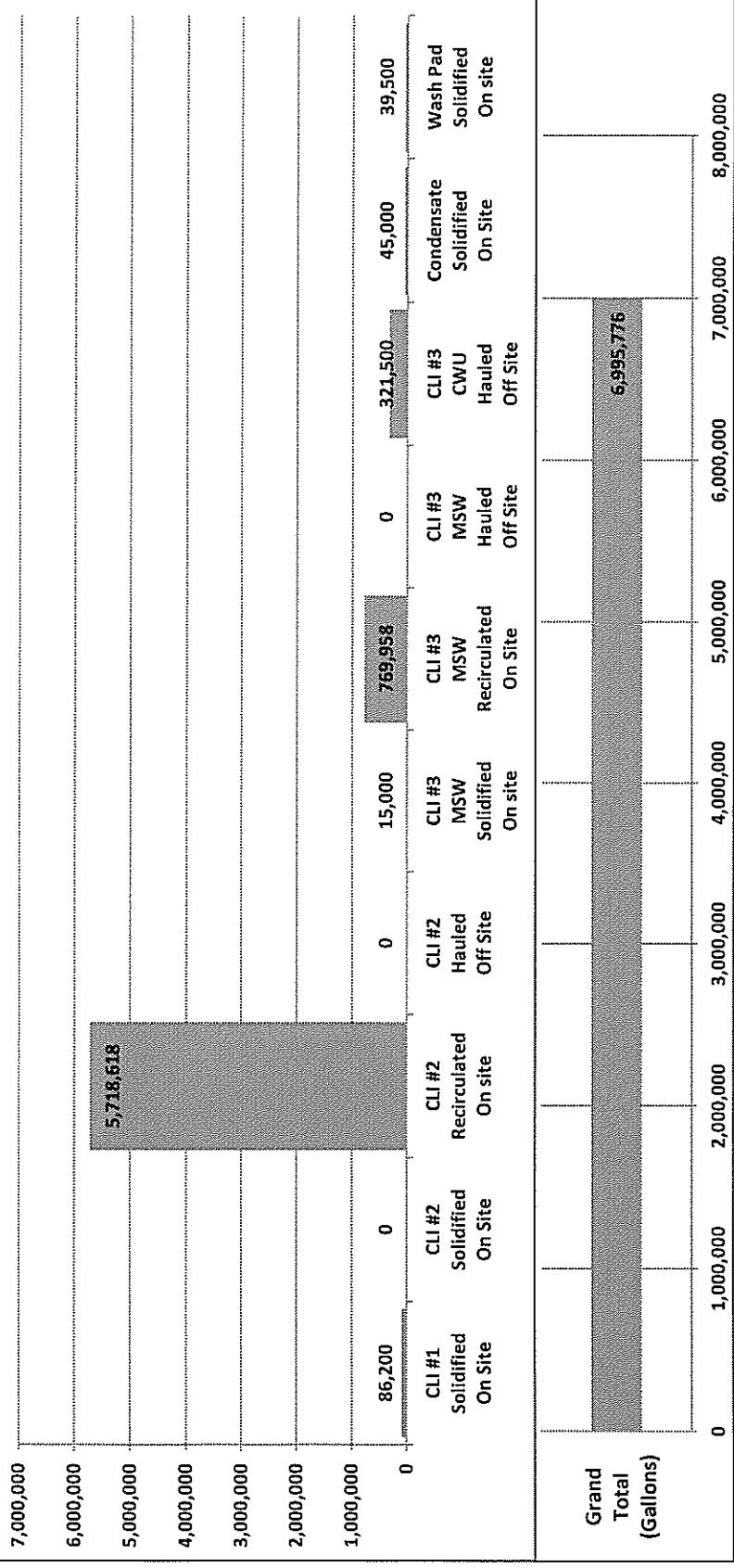


**Clinton Landfill, Inc.**  
**Leachate Management Summary**  
**Annual 2017**  
**(Gallons)**





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**Leachate Management Summary**  
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**TABLE 1**  
**Clinton Landfill No. 3**  
**Confirmed Exceedances for 4<sup>th</sup> Quarter 2016**

Well	Parameter	Units	Initial Result	Interwell AGQS/ MAPC	Intrawell AGQS	Resample Result
<b>ROXANA SILT-ROBEIN MEMBER WELLS</b>						
G08R	Nitrate-N, dissolved	mg/L	0.11	0.06	NE	<b>0.18</b>
G25R	Nitrate-N, dissolved	mg/L	4.6	0.06	3.6	1.5
	Specific Conductance, field	µmhos/cm	2231	1543	2170	<b>2224</b>
	Sulfate, dissolved	mg/L	620	286	528.6	<b>680</b>
	Total Dissolved Solids	mg/L	1400	1064	1300	<b>1600</b>
G27R	Chromium, dissolved	mg/L	8.7	4.8	NE	< 4
	Nitrate-N, dissolved	µg/L	0.14	0.06	NE	<b>0.20</b>
	Sulfate, dissolved	mg/L	540	286	NE	<b>570</b>
G47R	Nitrate-N, dissolved	mg/L	0.28	0.06	NE	< 0.02
G48R	Nitrate-N, dissolved	mg/L	0.07	0.06	NE	< 0.02
	Sulfate, dissolved	mg/L	310	286	NE	<b>300</b>
G49R	Arsenic, dissolved	µg/L	13	11	NE	7.7
G58R	Nitrate-N, dissolved	mg/L	0.28	0.06	NE	< 0.02
R17R	Specific Conductance, field	µmhos/cm	1712	1543	NE	<b>1716</b>

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.

