

**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: 08/26/2015 Time: From 11:30A To 12:30P Previous Inspection Date: 06/03/2015
 Inspector(s): Dustin Burger Weather: Cloudy, dry, mild sw winds, 70s
 No. of Photos Taken: # 9 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

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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 54 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
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"/>

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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"/>

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"/>

LPC #: 0390055036
Inspection Date: August 26, 2015

PERMIT PROVISIONS	
PERMIT NUMBER	DESCRIPTION OF VIOLATION (condition # of permit, page # of permit, and/or page # of approved application)

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

LPC#0390055036—DeWitt County
Clinton/Clinton Landfill #3
FOS File
August 26, 2015 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 August 26, 2015. 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. Nine photos were taken of Unit #3. The weather was mostly sunny and dry, with temperatures in the 80s.

Site Inspection

When I arrived at the landfill I checked in at the landfill office. Mr. Bryant was conducting a tour of the landfill, but excused himself to accompany me on the inspection.

I spoke with Mike, the landfill consulting engineer. He mentioned that I would be getting a Construction Quality Assurance (CQA) report very soon detailing the construction of leachate recirculation sumps that have been installed. The sumps consist of a leachate collection header located near the leachate removal piping. The leachate is pumped from this header up the side of the landfill and to injection wells on top of the landfill. The well injects the leachate downward into a cone-shaped gravel “French Drain” type structure that allows the leachate to filter down through the waste mass. This type of system has the advantage over horizontal piping leachate field since it has no piping that will bow or pinch off as the waste settles.

There are a total of six leachate recirculation wells. LRW-101 and LRW-131 are on the north side and connected to leachate manhole L301. LRW-133, 134, and 135 are in the middle section and are connected to manhole L303. LRW-172 is connected to manhole 305 on the south end. The wells are pictured in photos 1-3.

The Chemical Waste Unit was open but no trucks were present dumping waste at the time of the inspection. The CWU is currently taking two types of waste, a salt waste from 3M mentioned in previous inspections, and coal combustion ash from Archer, Daniels, Midland in Decatur. The floor of the eastern portion of the CWU was now fully covered with ash (photo 5).

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 54, issued on June 12, 2015 approved the alternate source demonstration for 3rd quarter 2014 groundwater monitoring exceedences and new AGQS values to reflect additional parameters required by 35 IAC 620 and Condition VIII.25 of the permit.

Modification 55 issued on July 13, 2015 approved the alternate source demonstration for 4th quarter 2014 groundwater monitoring exceedences and new AGQS values to reflect additional parameters required by 35 IAC 620 and Condition VIII.25 of the permit.

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 \$11,746,868. This value includes \$5,462,480 for premature closure, and \$6,284,388 for post-closure care.

Summary of Apparent Violations

No violations were noted during the inspection

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Illinois Environmental Protection Agency
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DIGITAL PHOTOGRAPHS

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

DATE August 26, 2015
TIME 11:30 A.M.-12:30 P.M.
DIRECTION: Southeast
PHOTO by: Dustin Burger
PHOTO FILENAME
0390055036-08262015-001.jpg
COMMENTS: leachate recirculation header and sumps



DATE August 26, 2015
TIME 11:30 A.M.-12:30 P.M.
DIRECTION: Southwest
PHOTO by: Dustin Burger
PHOTO FILENAME
0390055036-08262015-002.jpg
COMMENTS: leachate
recirculation wells





Illinois Environmental Protection Agency
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DIGITAL PHOTOGRAPHS

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

DATE August 26, 2015
TIME 11:30 A.M.-12:30 P.M.
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME
0390055036~08262015-005.jpg
COMMENTS: Coal ash side of CWU



DATE August 26, 2015
TIME 11:30 A.M.-12:30 P.M.
DIRECTION: Southwest
PHOTO by: Dustin Burger
PHOTO FILENAME
0390055036~08262015-006.jpg
COMMENTS: MGP waste is
underneath this area





Illinois Environmental Protection Agency
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DIGITAL PHOTOGRAPHS

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

DATE: August 26, 2015
TIME 11:30 A.M.-12:30 P.M.
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME
0390055036~08262015-009.jpg
COMMENTS: active area



