



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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

BRUCE RAUNER, GOVERNOR

LISA BONNETT, DIRECTOR

Voice: (217) 278-5800

FAX: (217) 278-5808

January 15, 2015

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 December 29, 2014 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 at the time of 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, appearing to read "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: 12/29/2014 Time: From 10:00 To 11:00 Previous Inspection Date: 10/20/2014
 Inspector(s): Dustin Burger, Kurt Niebergall Weather: Mostly clear, wet, 30s
 No. of Photos Taken: # 11 Samples Taken: Yes # No
 Interviewed: Kyle Martin, Compliance 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 50 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"/>

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
December 29, 2014 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 December 29, 2014. 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, was on vacation, so Kyle Martin, Compliance Manager, accompanied me during the visit. Eleven (11) photos were taken of Unit #3. The weather was mostly clear and temperatures in the high 30s. The ground had been frozen, but thawed enough to make the less-used roads slippery with a glaze of mud.

Site Inspection

When I arrived at the landfill I checked in at the landfill office. Mr. Bryant was out of the office on vacation for the holidays, and the landfill part of the main office was empty. I drove to the scalehouse, where the administrative employee that normally works in the office was running the scales. Bill, the normal scale operator, was busy running a road grader. While at the scalehouse, I checked the facility's inspection logs, special waste logs, and asbestos logs. No new special wastes had been accepted since my last inspection, so I did not check any waste profile documents during this visit.

Special wastes accepted included empty containers from Dynachem, sludge from Depue Group, Fermentation broth from Solazyme Manufacturing, foundry sand and refractory from Mueller, and water from an MGP site in LaSalle.

I after checking paperwork, I drove to the landfill and found Kyle Martin at the Unit #3 flare. One of Kyle's main duties is managing the gas extraction system on all the site's landfill units. The gas wells are monitored to determine the optimum vacuum to use to extract the most gas from the landfill, without drawing oxygen into the fill which could cause and underground fire.

The small gas flare servicing Unit 3 was operating normally. The facility plans to construct piping to connect Unit #3 with the gas system and gas-to-energy plant located northwest of Unit #2. A main gas header has been recently installed and permitted to collect the gas from Unit #3. The gas plant was currently not operating. Martin said a

new company had purchased the plant, and had removed the gas engines. The older engines were being replaced by two newer engines, with the possibility of expanding with additional engines in the future. The two flares near the plant were being used to control gas in the meantime.

I then drove to the Chemical Waste Unit (CWU). The CWU was not in use. Since Modification 47 to the facility's permit banned the disposal of Manufactured Gas Plant (MGP) waste exceeding the regulatory levels for characteristically hazardous waste, the only waste accepted by the CWU is a salt waste from 3M. When waste arrives, the landfill has a small berm for the truck to drive over to dump the load. The berm keeps any stormwater from exiting the area where the waste was placed before it was covered.

Leachate is stored in a double walled tank below the concrete pad. Leachate is pumped from a sump running along the sidewall liner and into the storage tank. Any spills from the loading of leachate drains back into the tank.

We then looked at the south sedimentation basin (photo 3). Kyle said he had recently sampled the pond, and planned to discharge stormwater from the basin later in the day. The stormwater flows into a creek south of the facility.

I then looked at the active area, which was located in Cell 3B a short distance from the sidewall (photo 4). The area was busy, with several trucks actively dumping while I watched. Four trucks were lined up waiting their turn to dump. The areas around the active area were well covered and no litter was observed. No banned waste, such as tires, landscape waste, or electronics were found.

The new cell designated 5B and 3C had been completed. The new cell is east of the current 5A, and includes a finger extending north to complete the last portion of Section 3 (photos 5-10). The HDPE liner, leachate collection system, and drainage layer had been installed.

I have observed the construction of the new cell for the past several inspections. During my last visit, the engineer said a sand layer was encountered over the native clay leading from the northeast section of the cell to the southwest corner. The facility's permit requires that the base of the recompacted layer rest on native clay and all sand be removed. Clay is then added back over the native clay and recompacted in 6 inch lifts until the elevation of the floor base is reached. In the area where the sand seam was found, a total of 10-12 feet of recompacted clay liner was added to reach the final elevation, while other areas had 6-8 feet of compacted clay installed. The minimum requirements are for 3 feet of recompacted clay.

Mr. Martin and I then drove to the liquid waste solidification area located on top of Cell 1C (photo 11) 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. The ash contains a large amount of lime added to the coal when it is burned to control air pollution. When the lime contacts water, the dissolution reaction is very exothermic and generates heat. The reaction can cause the liquid to bubble and froth. On cold days steam can be seen rising from the tank.

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.

Permit Modification 47 was issued on July 31, 2014. This modification basically revokes the landfill's permission to accept MGP waste that exceeds the toxicity characteristic in 35 Ill. Adm. Code 721.124(b). Although Section 721.124(a) of the Regulations enacted by The Pollution Control Board specifically excludes MGP waste that exceeds the toxicity characteristic from being a RCRA regulated hazardous waste, the Agency has excluded these wastes from being disposed in a regular municipal solid waste landfill via permit restrictions. Clinton Landfill was allowed to dispose of these wastes in its CWU, which is engineered to the more restrictive Subtitle C standards. The Agency's basis for the revoking the permit is an issue of whether proper local siting was obtained for the CWU..

In addition to the exclusion of MGP source material from the CWU, the new permit also revokes the Agency's permission to accept PCB contaminated materials that exceed the 50 parts per million limits in the Toxic Substance Control Act (TSCA). The landfill has never accepted TSCA regulated materials, since it needed approval by USEPA to receive the material. The Federal permit was never issued.

Modification 48 was issued on September 17, 2014. This modification approved revisions to conditions governing the use of waste water treatment plant sludges used as alternate daily cover.

Modification 49, issued on November 26, 2014 approved the Construction Quality Assurance (CQA) report for the construction of Phase 1 of the Main Landfill Gas Header.

Modification 50, issued on December 14, 2014, approved the alternate source demonstrations for 2nd quarter 2013, 4th quarter 2013, and 1st quarter 2014 confirmed groundwater exceedances and revised groundwater AGQS/MAPC values.

The estimate for closure of the current landfill's 29 acres of municipal solid waste disposal and 6.14 acres comprising the CWU is \$10,475,467. This value includes

\$4,591,217 for premature closure, and \$5,844,250 for post-closure care. The landfill currently has \$10,932,021 in posted financial assurance. This amount will be increased when the new cell begins operating.

Record Review

The facility has 60 groundwater monitoring wells installed. Fifteen upgradient and 45 downgradient wells monitor the four groundwater zones beneath the landfill.

The latest groundwater sampling information imaged by the Agency was a September 10, 2014 report documenting exceedances from the 3rd quarter sampling event. Most of the exceedances were addressed in permit Modification 50. Additional exceedances, especially with dissolved nitrogen found in many wells across the site, will be the subject of a future alternate source demonstration in the form of a permit modification.

The landfill disposes of leachate in one of three ways. First, the liquids can be recirculated. Unit #3 does not yet have a recirculation systems installed. Second, leachate and landfill gas condensate can be solidified with ash and disposed as solid waste. Thirdly, leachate can be hauled off site for disposal. MSW leachate is hauled to Bloomington-Normal Water Reclamation District, while the CWU leachate is manifested to Peoria Disposal Company's PDC #1 wastewater plant where it is pre-treated and discharged to the Peoria Sanitary District.

Summary of Apparent Violations

No violations were noted during the inspection



03900550036 DeWitt Co
Clinton / Clinton LF #3



Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-001.jpg
COMMENTS: Chemical Waste Unit



DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-002.jpg
COMMENTS: Chemical Waste unit





Illinois Environmental Protection Agency
Bureau of Land

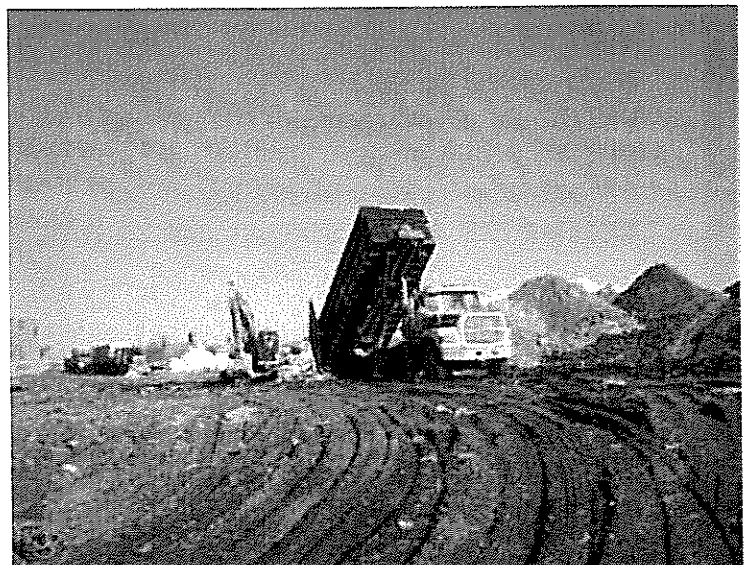
DIGITAL PHOTOGRAPHS

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

DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: East
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~12292014-003.jpg
COMMENTS: South stormwater
detention basin



DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: East
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~12292014-004.jpg
COMMENTS: Active Area



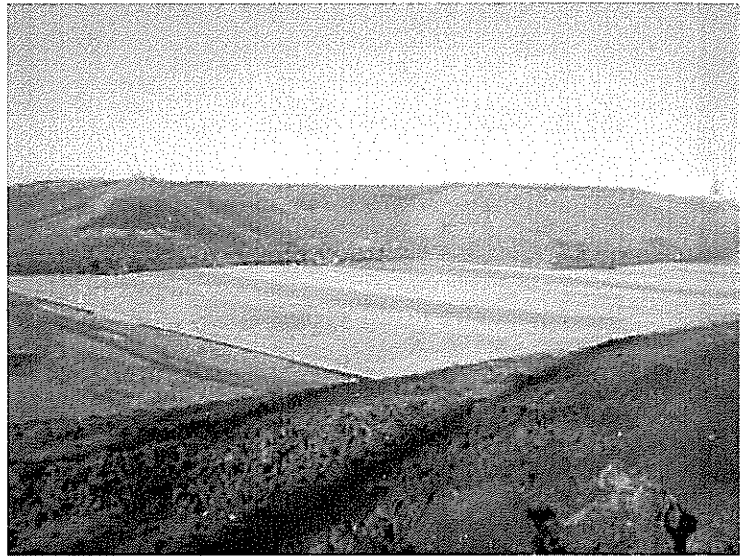


Illinois Environmental Protection Agency
Bureau of Land

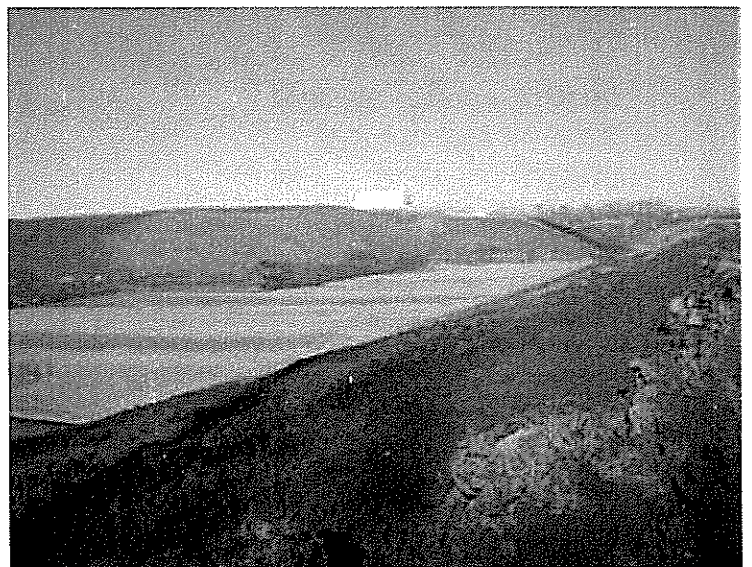
DIGITAL PHOTOGRAPHS

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

DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: WNW
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-005.jpg
COMMENTS: New Cell



DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: Northwest
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-006.jpg
COMMENTS: New cell





Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: West
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-007.jpg
COMMENTS: New Cell



DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: West
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-008.jpg
COMMENTS: New cell





Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: Southwest
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-009.jpg
COMMENTS:



DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: Southwest
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~12292014-010.jpg
COMMENTS: New cell





Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: December 29, 2014
TIME: 10:00-11:00 A.M.
DIRECTION: Southwest
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036~12292014-011.jpg
COMMENTS: Solidification area

