



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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

PAT QUINN, GOVERNOR

LISA BONNETT, DIRECTOR

Voice: (217) 278-5800

FAX: (217) 278-5808

April 24, 2013

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 April 16, 2013, 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 "Paul M. Purseglove".

Paul M. Purseglove, 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: 04/16/2013 Time: From 9:50A To 10:40A Previous Inspection Date: 01/18/2013  
 Inspector(s): Dustin Burger Weather: Overcast, rain (6" in last two weeks), wind 10  
 No. of Photos Taken: # 5 Samples Taken: Yes # \_\_\_\_\_ No   
 Interviewed: Dave Bryant, Site 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 34 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 MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS NOT WEIGHED (LIST SPECIFIC	<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.

LPC #: 0390055036  
Inspection Date: April 16, 2013

<b>PERMIT PROVISIONS</b>	
<b>PERMIT NUMBER</b>	<b>DESCRIPTION OF VIOLATION</b> (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  
April 16, 2013 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 April 16, 2013. 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). Mr. David Bryant, the Site Manager, accompanied me during the visit. Five photos were taken of Unit #3. The weather was cloudy and very wet, with temperatures in the 50s. The area had received approximately six inches of rain in the last two weeks. Several days had also seen 25-35mph winds.

**Site Inspection**

When I arrived at the landfill I met Dave Bryant, the landfill manager, at the office and we drove out to Unit #3. We drove to the active area located in cell 3B and watched as several trucks unloaded (photo 1). The winds were calm today, so blowing litter was not an issue. I did note one tire on the edge of the active area. Bryant radioed the operator to move the tire so it could be placed in a roll-off for disposal at a tire handling facility. The operator got out of his machine and placed the tire out of the way. Since it was extremely wet with torrential rains and flooding during the previous week, a rear loading packer truck became stuck at active face. I bulldozer used a chain to pull the vehicle to more stable footing so it could leave.

The northern edge of the landfill area has 30-foot tall telephone poles with netting installed to prevent litter from blowing into the sedimentation pond where it is harder to remove. I did not note any litter in the pond, but the treeline had several pieces of plastic bags lodged in their branches from the high winds the previous week (photo5). Bryant said he normally rents a man-lift to remove the material, but the two weeks of rain and 12 inches snow prior has made it difficult to get the equipment to the area. The litter in the trees was not excessive, but I noted it should be removed when it can be accessed.

Construction of cell 5A is now complete. The cell had been excavated and the recompacted clay liner and HDPE liners installed (photo 4). The facility has completed the installation of the sand drainage layer to the bottom of the cell and installed the leachate drainage system. The leachate collection system was in operation and was being used to pump stormwater from the empty cell to the eastern ditch that leads to the

northern detention basin. As part of the construction, the temporary wells on the south side of the active area were removed and replaced. The new wells were installed in time to take the required 4<sup>th</sup> quarter groundwater samples. A draft denial was issued for the Construction Quality Assurance report and Operational Permit request for Cell 5A. CLI responded with additional information, but the operational permit has not yet been issued.

The Chemical Waste Unit(CWU) was receiving waste from a Manufactured Gas Plant (MGP) site in Rockford the day of the inspection. I took two photos of the CWU (photos 2-3). Thus far no waste has been placed in the eastern half, but a soil and cover has been placed to protect the liner from freezing and UV damage. The landfill has received a permit allowing, and is now using a plastic covering over the areas not used to keep stormwater from contacting the waste or entering the leachate collection system. The stormwater would then not have to be handled as leachate. Currently the landfill is not solidifying the leachate from the CWU, finding it was taking up too much airspace. The leachate is instead hauled to Peoria Disposal Company(PDC) #1 for treatment in their wastewater treatment facility.. Currently, the tank has 8.5 feet of leachate in a tank designed to hold 11 feet. Two truckloads of leachate per day are being hauled to the Treatment, Storage or Disposal (TSD) facility due to the recent heavy rains.

The landfill has six gas collection wells and leased a small flare for gas management on Unit #3. The flare was operating normally during the inspection.

### **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 35 was granted on January 24, 2013, which approved the construction and operation of the Phase 1 landfill gas management system.

Permit modification 36 issued on March 1, 2013 modified the facility groundwater sampling plan. The permit allows separate samples for the CWU and MSW units.

Permit Modification 37 issued on April 18, 2013 designates G02R, G04R, G07R, R17R, and R58R as upgradient wells, returned them to routine monitoring, and allows a proposal to submit new interwell values after new groundwater sampling data is collected.

Total closure costs are estimated at the end of its operating life is \$11,931,943. The estimate for closure of the current landfill is \$8,586,886. This value has risen with the opening of additional phases of the landfill.

## **Records Review**

The facility has 60 groundwater monitoring wells installed. Fifteen upgradient and 45 downgradient wells monitor the four groundwater zones beneath the landfill. Confirmed exceedences for the last quarter were noted in five wells in a January 23, 2013 submittal. All of the exceedences were in common inorganics such as dissolved sulfates (five wells) and zinc (well G09D), and none were of non-naturally occurring constituents. The landfill will have to submit a significant permit modification within 180 days to demonstrate whether the increases are attributable to the facility.

The landfill disposes of leachate in one of three ways. First, the liquids can be recirculated. In 2012 a total of 4,006,042 gallons have been recirculated in Unit #2. Unit #3 does not yet have a recirculation systems installed. Second, leachate and LFG condensate can be solidified with ash and disposed as solid waste. A total of 60,200 gallons from Unit 1, 657,500 gallons from Unit 2, and 1,632,000 gallons from MSW Unit 3 have been solidified on-site and placed in the landfill. Thirdly, leachate can be hauled off site for disposal. A total of 610,000 gallons from Unit 3 MSW, and 785,000 gallons from the CWU have been hauled off-site for disposal. MSW leachate from Units 2 and 3 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



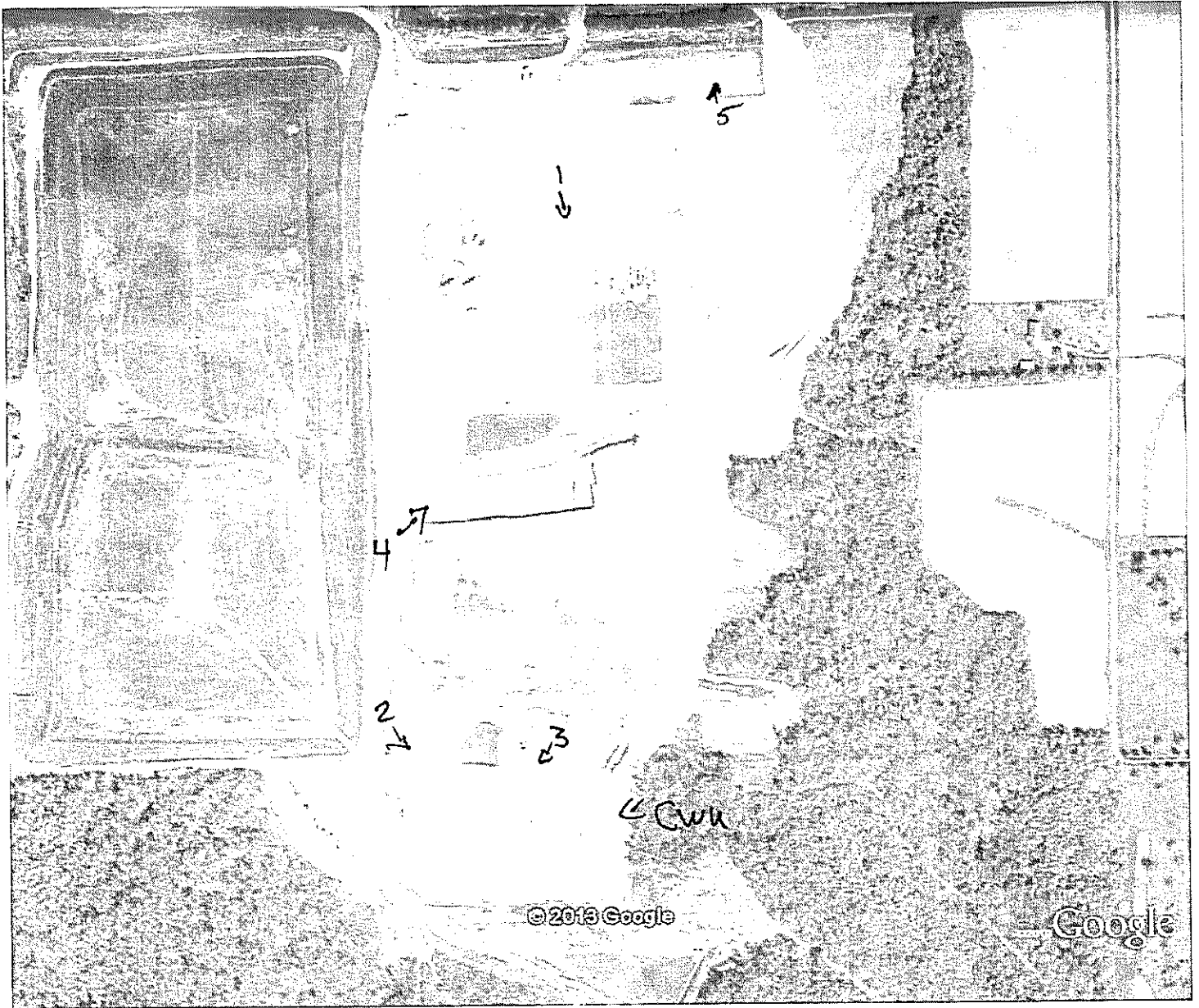
Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE: January 18, 2013  
TIME: 11:30AM-12:30PM  
DIRECTION: North  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036-04162013-005.jpg  
COMMENTS: Litter in trees on  
north side of fill





039005 5036



Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE: April 16, 2013  
TIME: 11:30AM-12:30PM  
DIRECTION: South  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04162013-001.jpg  
COMMENTS:



DATE: April 16, 2013  
TIME: 11:30AM-12:30PM  
DIRECTION: South  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04162013-002.jpg  
COMMENTS: CWU





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE: April 16, 2013  
TIME: 11:30AM-12:30PM  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILE NAME:  
0390055036~04162013-003.jpg  
COMMENTS: CWU



DATE: January 18, 2013  
TIME: 11:30AM-12:30PM  
DIRECTION: NNE  
PHOTO by: Dustin Burger  
PHOTO FILE NAME:  
0390055036~04162013-004.jpg  
COMMENTS: Cell 5A

