Bureau of Land – Field Operations Section Inspection Report

General Facility Information				
BOL ID:	0390055036	Region: Champaign		
USEPA ID:	Not Applicable	ble County: DeWitt		
Site Name:	Clinton Landfill 3 Phone: 217-935-8028			
Address:	9550 Heritage Rd	Latitude: Not Available		
City/State/Zip:	Clinton, IL 61727-2819 Longitude: Not Available			
Permit No(s):	2005-070-LF, 2018-007			
Regulated As:	811 Landfill			
Operational Status:	Operating			

Owner	Operator
Clinton Landfill, Inc.	Clinton Landfill, Inc.
Ron Welk	Ron Welk
4700 N Sterling Ave	4700 N Sterling Ave
PO Box 9071	PO Box 9071
Peoria, IL 61612-9071	Peoria, IL 61612-9071

Inspection Details		
Inspection Type Part 811 Landfill Inspection		
Inspection Date	1/9/2018	
Inspector(s)	Burger, Dustin	
Person(s) Interviewed	David Bryant	
Previous Inspection Date	10/26/2017	

Observations		
Time	10:00-11:00A.M.	
Weather Conditions (Description)	Cloudy, fog, snow cover	
Temperature (°F)	20	
Samples Collected (Yes/No)	No	
Photos Taken (Yes/No)	Seven (7)	

A combination compliance and pre-operational inspection was conducted at this permitted landfill on January 9, 2018. The pre-operational inspection was pursuant to Permit Log 2018-007 for a new 7.9-acre cell designated as 7A. No violations were found and the new cell is ready to receive waste.

Inspection Narrative

Site Inspection

I arrived at approximately 10:00 A.M. and checked in at the office. Mr. Bryant was out on the site when I arrived, and it took a good ten minutes to find him after I targeted the wrong ATV as the one he was using. I checked the weekly random load inspection logbook while in the office. The landfill was conducting the required three inspections per week.

We started the inspection at Cell 7A. The new cell is approximately 7.9 acres of newly constructed landfill disposal area. The cell is the last cell to be constructed on the west side of the landfill and connects the MSW cells 1, 3, and 5 to the chemical waste unit on the southwestern corner of the landfill. The construction for Cell 7 has been completed. The clay liner was finished and liner crews were busy installing the HDPE plastic liner during my last inspection. The leachate collection pipes and leachate drainage system were now installed (photos 1-2, 5). One of the distinguishing features of the new cell is the large berm between the new cell and the chemical waste unit to the south.

The groundwater wells between the new Cell 7 and Cell 5 were replaced after the older wells were damaged by a giant roll of fiberglass textile that rolled down the landfill slope and hit the wells (photo 3).

The active area was in Cell 5 as part of a new lift of waste across the top of the landfill. The area was accepting general municipal waste. I watched a few trucks arrive and dump, looking for any banned materials, but found none (photo 4).

The Chemical Waste Unit was open but no trucks were present dumping. Mr. Bryant said one of the customers that brought bed ash to the facility had redirected its waste to be placed back into a mine. 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 the south side of the area as Cell 7 was constructed to the north.

The waste solidification area was open, but was not operating at the time of the inspection. Mr. Bryant said the amount of waste arriving for solidification had declined. The area is still used, but not as often as before.

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.

There were no new special wastes received at the facility since my last inspection.

The gas system was operating normally. The gas-to-energy plant was operating. The flare was operating to burn landfill 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. A total of 687,650 gallons of leachate from the MSW unit is recirculated. A total of 115,000 gallons of leachate from the CWU were hauled off-site for disposal. A summary of the amount of leachate generated is attached to the report.

Permitting

The facility is operating under permit 2005-070-LF. Modification 66, issued on April 12, 2017 approved the renewal of the facility's permit for another five years. The permit also modified the facility's operating plan, removing some of the references to PCB's as the facility dropped its effort to accept TSCA regulated waste.

Modification 72, issued on January 2, 2018, approved the no further action request for 2nd Quarter 2017 exceedance of dissolved nitrate at abandoned well G25R.

The permit includes a 157.45-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 44 years.

The estimate for closure of the current landfill's 47.7 acres of municipal solid waste disposal and 6.14 acres comprising the CWU is \$12,575,870. This value includes \$6,461,320 for premature closure, and \$6,114,550 for post-closure care. Financial assurance is in the form of a trust fund.

Groundwater

The Agency split groundwater samples with Clinton Landfill on October 10, 2017. The results of the sampling will be the subject of a separate groundwater report by Jeff Turner from my office.

The latest groundwater submittal on file was received on April 12, 2017 for exceedances noted during the first quarter of 2017. 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 Violation(s)				
Status	Date	Violation	Narrative	
None Observed				

Attachment Listing		
ID	Туре	Description
2	Miscellaneous	2017 Leachate Summary

Digital Photographs



Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 1 Photo Date: 1/9/2018 Photo Time: 11:50:18 Direction: West Taken By: Dustin Burger

Cell 7A

Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 2 Photo Date: 1/9/2018 Photo Time: 11:50:24 Direction: West Taken By: Dustin Burger

Cell 7 A



Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 3 Photo Date: 1/9/2018 Photo Time: 11:51:35 Direction: North Taken By: Dustin Burger

New groundwater wells. Replaced after a roll of textile destroyed the previous wells.

Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 4 Photo Date: 1/9/2018 Photo Time: 11:56:04 Direction: North Taken By: Dustin Burger

Active Area





Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 5 Photo Date: 1/9/2018 Photo Time: 11:57:54 Direction: South Taken By: Dustin Burger

Cell 7A



Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 6 Photo Date: 1/9/2018 Photo Time: 11:59:11 Direction: South Taken By: Dustin Burger

Drill rig installing wells



Site: Clinton Landfill 3 (0390055036) DeWitt County

Photo ID: 7 Photo Date: 1/9/2018 Photo Time: 12:04:53 Direction: East Taken By: Dustin Burger

Solidification Unit

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY







1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
BRUCE RAUNER, GOVERNOR
ALEC MESSINA, DIRECTOR

(217) 278-5800 Fax: 217/ 278-5808

February 14, 2018

Clinton Landfill Inc. Attn: Ron Welk 4700 Sterling Ave. P.O. Box 9071 Peoria, IL 61612

Re: 0390055036 - DeWitt County Clinton Landfill 3 Compliance File

Dear Ron Welk:

On January 9, 2018, 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 regulations related to the management of solid and hazardous waste.

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,

Todd J. Marvel, Acting Central Region Manager Bureau of Land/Field Operations Section 1021 North Grand Ave East P.O. Box 19276 Springfield, Illinois 62794-9176

Enclosure

cc: Bureau of Land File Champaign Regional File

4302 N. Main St., Rockford, IL 61103 (815)987-7760 595 S. State, Elgin, IL 60123 (847)608-3131 2125 S. First St., Champaign, IL 61820 (217)278-5800 2009 Mall St., Collinsville, IL 62234 (618)346-5120