## **ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**



 1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829

 PAT QUINN, GOVERNOR

 John J. Kim, Director

Voice: (217) 278-5800 FAX: (217) 278-5808

February 7, 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. Edwards:

On January 18, 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,

Paul M. Purseglove, Manager Field Operations Section Bureau of Land

Enclosure

## Illinois Environmental Protection Agency

Bureau of Land + Field Operations Section + Champaign

LPC#0390055036—DeWitt County Clinton/Clinton Landfill #3 FOS File January 18, 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 January 18, 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) and confirm the claims made it Permit Log No. 2013-009. Mr. David Bryant, the Site Manager, accompanied me during the visit. Five photos were taken of Unit #3. The weather was partly cloudy and dry, with temperatures in the 30s. A mild wind from the southwest at 10-20 mph was blowing during the inspection.

### 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 and watched as several trucks unloaded. It was moderately windy, and the landfill was repositioning litter fences to catch any errant litter blowing from the trucks as they unloaded. One truck from Kirk Wood Recycling entered the site to use the truck tipper as I watched. The municipal waste active area was located in the center of cell 3B. No banned wastes, such as appliances, tires, or landscape waste were noted. A 30-foot high fence made of netting and telephone poles had been erected around the north detention basin to keep out any blowing litter.

Construction of cell 5A is now complete The cell had been excavated and the recompacted clay liner and HDPE liners installed before my last inspection The facility has completed the installation of the sand drainage layer to the bottom of the cell and installed the leachate drainage system (photos 1, 2, 4, and 5). The leachate collection systems was in operation an 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 here removed and replaced. The new wells were installed in time to take the required 4<sup>th</sup> quarter groundwater samples.

The CWU was not receiving waste at the time of the inspection. I took one photo of the CWU (photo 3). Thus far no waste has been placed in the eastern half, but a soil cover has been placed to protect the liner from freezing and UV damage. The landfill has

received a permit allowing the installation of 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.

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 32 issued on August 16, 2012 approved the use of geomembrane for temporary stormwater diversion and modified the facility's leachate monitoring plan.

Permit Modification 34 issued on December 13, 2012 revised the cell placement plan and modified the specifications for liner materials.

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

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 12 groundwater monitoring wells installed for Phase 1A-C and nineteen wells for the first phase of the CWU. Exceedences for the last quarter were noted in seven wells in a December 28, 2013 submittal. All of the exceedences were in common inorganics such as dissolved sulfates, chlorides, and total dissolved solids (TDS) 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

LPC#0380055036—Dewitt County Clinton/Clinton Landfill #3

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manifested to Peoria Disposal Company's PDC #1 wastewater plant where it is pretreated and discharged to the Peoria Sanitary District. A graph from CLI is attached with the amounts of leachate handled.

The latest fee report for the first quarter of 2011 stated Unit 3 has accepted 78,095 tons of waste and has paid \$131,330 in fees. This is the latest fee report available in our files.

### **Summary of Apparent Violations**

No violations were noted during the inspection

## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY 811 Solid Waste Landfill Inspection Checklist

| County:                                                                         | DeWitt                                                                | LPC#:                                                 | 0390055    | 5036                                                            | Re                                           | gion: 4       | - Champaign                                                 |  |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------|------------|-----------------------------------------------------------------|----------------------------------------------|---------------|-------------------------------------------------------------|--|
| Location/S                                                                      | ite Name: Clinton/C                                                   | Clinton Landfill                                      | #3         |                                                                 |                                              |               |                                                             |  |
| Date:                                                                           | 01/18/2013 Time:                                                      | From 9:50A                                            | То         | 10:40A                                                          | Previous Inspecti                            | on Date:      | 10/18/2012                                                  |  |
| Inspector(s                                                                     | s): Dustin Burger                                                     |                                                       |            | Weather:                                                        | Mostly clear, dry,                           | 30s           |                                                             |  |
| No. of Pho                                                                      | tos Taken: # 3                                                        |                                                       |            | •                                                               | Samples Taken:                               | Yes #         | No 🖂                                                        |  |
| Interviewed                                                                     | d: Dave Bryant, Site                                                  | e Manager                                             |            | Fa                                                              | acility Phone No.:                           | 217/935       | -8028                                                       |  |
| Permitted                                                                       | Owner Mailing Addres                                                  | s                                                     |            | Permitt                                                         | ed Operator Mailin                           | g Addres      | S                                                           |  |
| Clinton Landfill 3<br>4700 Sterling Ave. P.O. Box 9071<br>Peoria, IL 61612-9071 |                                                                       |                                                       |            | Clinton Landfill 3<br>9550 Heritage Road-C<br>Clinton, IL 61727 |                                              |               |                                                             |  |
| Chief Ope                                                                       | rator Mailing Address                                                 |                                                       |            | Certifie                                                        | d Operator Mailing                           | Address       |                                                             |  |
|                                                                                 | ing Ave. P.O. Box 907<br>616-9071                                     | 1                                                     |            |                                                                 | elk<br>iterling Ave. P.O. B<br>. IL 616-9071 | ox 9071       |                                                             |  |
| Initial: _2                                                                     | ZATION:<br>t Modification Permit<br>005-070-LF<br>lod 34 Exp. 2/15/17 | OPERATION<br>Operating<br>Closed-Not C<br>Closed-Date | Certified. | $\square$                                                       | TYPE OF (<br>Existing Landfil<br>New Landfil | ls 814<br>814 | <b>ON:</b><br>4-Subpart C<br>4-Subpart D<br>1-Putres./Chem. |  |

|    | SECTION                                            | DESCRIPTION                                                                                                                                          | VIOL  |  |  |  |
|----|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|--|--|
|    | ILLINOIS ENVIRONMENTAL PROTECTION ACT REQUIREMENTS |                                                                                                                                                      |       |  |  |  |
| 1. | 9(a)                                               | CAUSE, THREATEN OR ALLOW AIR POLLUTION IN ILLINOIS                                                                                                   |       |  |  |  |
| 2. | 9(c)                                               | CAUSE OR ALLOW OPEN BURNING                                                                                                                          |       |  |  |  |
| 3. | 12(a)                                              | CAUSE, THREATEN OR ALLOW WATER POLLUTION IN ILLINOIS                                                                                                 |       |  |  |  |
| 4. | 12(d)                                              | CREATE A WATER POLLUTION HAZARD                                                                                                                      |       |  |  |  |
| 5. | 12(f)                                              | CAUSE, THREATEN OR ALLOW DISCHARGE WITHOUT OR IN<br>VIOLATION OF AN NPDES PERMIT                                                                     |       |  |  |  |
| 6, | 21(a)                                              | CAUSE OR ALLOW OPEN DUMPING                                                                                                                          |       |  |  |  |
| 7. | 21(d)                                              | CONDUCT ANY WASTE-STORAGE, WASTE-TREATMENT, OR WASTE- DIS<br>OPERATION:                                                                              | POSAL |  |  |  |
|    | (1)                                                | Without a Permit or in Violation of Any Conditions of a Permit (See Permit<br>Provisions)                                                            |       |  |  |  |
|    | (2)                                                | In Violation of Any Regulations or Standards Adopted by the Board                                                                                    |       |  |  |  |
| 8. | 21(e)                                              | DISPOSE, TREAT, STORE, OR ABANDON ANY WASTE, OR<br>TRANSPORT ANY WASTE INTO THE STATE AT/TO SITES NOT<br>MEETING REQUIREMENTS OF ACT AND REGULATIONS |       |  |  |  |
| 9. | 21(f)(1)                                           | CONDUCT ANY HAZARDOUS WASTE-STORAGE, TREATMENT OR<br>DISPOSAL OPERATION WITHOUT A RCRA PERMIT.                                                       |       |  |  |  |

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## LPC #: 0390055036 Inspection Date: January 18, 2013

| 10.  | 21(0)                | CONDUCT A SANITARY LANDFILL OPERATION WHICH RESULTS IN ANY FOLLOWING CONDITIONS:                                        |   |
|------|----------------------|-------------------------------------------------------------------------------------------------------------------------|---|
|      | (1)                  | Refuse in Standing or Flowing Water                                                                                     |   |
|      | (2)                  | Leachate Flows Entering Waters of the State                                                                             |   |
|      | (3)                  | Leachate Flows Exiting the Landfill Confines                                                                            |   |
|      | (4)                  | Open Burning of Refuse in Violation of Section 9 of the Act                                                             |   |
|      | (5)                  | Uncovered Refuse Remaining From Any Previous Operating Day or at the<br>Conclusion of Any Operating Day                 |   |
|      | (6)                  | Failure to Provide Final Cover Within Time Limits                                                                       |   |
|      | (7)                  | Acceptance of Wastes Without Necessary Permits                                                                          |   |
|      | (8)                  | Scavenging as Defined by Board Regulations                                                                              |   |
|      | (9)                  | Deposition of Refuse in Any Unpermitted Portion of the Landfill                                                         |   |
|      | (10)                 | Acceptance of Special Waste Without a Required Manifest                                                                 |   |
|      | (11)                 | Failure to Submit Reports Required by Permits or Board Regulations                                                      |   |
|      | (12)                 | Failure to Collect and Contain Litter by the End of each Operating Day                                                  |   |
|      | (12)                 | Failure to Submit Any Cost Estimate, Performance Bond or Other Security                                                 |   |
| 11.  | 21(t)                | CAUSE OR ALLOW A LATERAL EXPANSION OF A MUNICIPAL SOLID<br>WASTE LANDFILL (MSWLF) UNIT WITHOUT A PERMIT<br>MODIFICATION |   |
| 12.  | 21.6(b)              | ACCEPTANCE OF LIQUID USED OIL FOR FINAL DISPOSAL<br>(EFFECTIVE JULY 1, 1996)                                            |   |
| 13.  | 22.01                | FAILURE TO SUBMIT ANNUAL NONHAZARDOUS SPECIAL WASTE                                                                     |   |
| 14.  | 22.17                | LANDFILL POST-CLOSURE CARE                                                                                              |   |
| 1.4. | (a)                  | Failure to Monitor Gas, Water, Settling                                                                                 |   |
|      | (a)                  | Failure to Take Remedial Action                                                                                         |   |
|      |                      |                                                                                                                         |   |
| 15.  | 22.22(c)             | ACCEPTANCE OF LANDSCAPE WASTE FOR FINAL DISPOSAL                                                                        |   |
| 16.  | 22.23(f)(2)          | CAUSE OR ALLOW THE DISPOSAL OF ANY LEAD-ACID BATTERY<br>ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL                    |   |
| 17.  | 22.28(b)             | ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL                                                                            |   |
| 18.  | 55(b)(1)             | (UNLESS LANDFILL MEETS EXEMPTION OF 55(b)(1))                                                                           |   |
| 19.  | 56.1(a)              | CAUSE OR ALLOW THE DISPOSAL OF ANY POTENTIALLY<br>INFECTIOUS MEDICAL WASTE                                              |   |
| 13.  |                      | WASTE SITE OPERATOR CERTIFICATION LAW REQUIREMENTS                                                                      |   |
| 20.  | 225 ILCS<br>230/1004 | CAUSING OF ALLOWING OPERATION OF A LANDFILL WITHOUT<br>PROPER COMPETENCY CERTIFICATE                                    |   |
|      |                      | 35 ILLINOIS ADMINISTRATIVE CODE REQUIREMENTS<br>SUBTITLE G                                                              |   |
|      |                      | PRIOR CONDUCT CERTIFICATION REQUIREMENTS                                                                                |   |
| 21.  | 745.181              | CHIEF OPERATOR REQUIREMENTS                                                                                             |   |
| _22  | 745.201              | PRIOR CONDUCT CERTIFICATION PROHIBITIONS                                                                                |   |
|      |                      | SPECIAL WASTE HAULING REQUIREMENTS                                                                                      | 1 |
| 23.  | 809.301              | REQUIREMENTS FOR DELIVERY OF SPECIAL WASTE TO HAULERS                                                                   |   |

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LPC #: 0390055036 Inspection Date: January 18, 2013

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| 24. | 809.302(a)          | REQUIREMENTS FOR ACCEPTANCE OF SPECIAL WASTE FROM<br>HAULERS         |         |
|-----|---------------------|----------------------------------------------------------------------|---------|
| 25. | 809.501             | MANIFESTS, RECORDS, ACCESS TO RECORDS, REPORTING REQUIR<br>AND FORMS | EMENTS  |
|     | (a)                 | Delivery of Special Waste to Hauler                                  |         |
|     | (e)                 | Retention of Special Waste Manifests                                 |         |
|     |                     | NEW SOLID WASTE LANDFILL REQUIREMENTS                                |         |
|     | PART 811<br>SUBPART | GENERAL STANDARDS FOR ALL LANDFILLS                                  |         |
| 26. | 811.103             | SURFACE WATER DRAINAGE                                               |         |
|     | (a)                 | Runoff from Disturbed Areas                                          |         |
|     | (b)                 | Diversion of Runoff from Undisturbed Areas                           |         |
| 27. | 811.104             | SURVEY CONTROL                                                       |         |
|     | (a)                 | Boundaries Surveyed and Marked                                       |         |
|     | (b)                 | Stakes and Monuments Marked                                          |         |
|     | (c)                 | Stakes and Monuments Inspected                                       |         |
|     | (d)                 | Control Monument Established and Maintained                          |         |
| 28. | 811.105             | COMPACTION                                                           |         |
| 29. | 811.106             | DAILY COVER                                                          |         |
|     | (a)                 | Six Inches Soil                                                      |         |
|     | (b)                 | Alternative Daily Cover                                              |         |
| 30. | 811.107             | OPERATING STANDARDS                                                  |         |
|     | (a)                 | Phasing of Operations                                                |         |
|     | (b)                 | Work Face Size and Slope                                             |         |
|     | (c)                 | Equipment                                                            |         |
|     | (d)                 | Utilities                                                            |         |
|     | (e)                 | Maintenance                                                          |         |
|     | (f)                 | Open Burning                                                         |         |
|     | (g)                 | Dust Control                                                         |         |
|     | (h)                 | Noise Control                                                        |         |
|     | (i)                 | Vector Control                                                       |         |
|     | (j)                 | Fire Protection                                                      |         |
|     | (k)                 | Litter Control                                                       |         |
|     | (1)                 | Mud Tracking                                                         |         |
|     | (m)                 | Liquid Restrictions for MSWLF Units                                  |         |
| 31. | 811.108             | SALVAGING                                                            |         |
|     | (a)                 | Salvaging Interferes with Operation                                  |         |
|     | (b)                 | Safe and Sanitary Manner                                             |         |
|     | (C)                 | Management of Salvagable Materials                                   |         |
| 32. | 811.109             | BOUNDARY CONTROL                                                     | <b></b> |
|     | (a)                 | Access Restricted                                                    |         |
|     | (b)                 | Proper Sign Posted                                                   |         |

(811 Solid Waste-3)

| 33.        | 811.110                                                                                                                                                                                     | CLOSURE AND WRITTEN CLOSURE PLAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            | (a)                                                                                                                                                                                         | Final Slopes and Contours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |
|            | (b)                                                                                                                                                                                         | Drainage Ways and Swales                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|            | (C)                                                                                                                                                                                         | Final Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |
|            | (d)                                                                                                                                                                                         | Written Closure Plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
|            | (e)                                                                                                                                                                                         | Initiation of Closure Activities at MSWLF Units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
|            | (f)                                                                                                                                                                                         | Completion of Closure Activities at MSWLF Units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u> </u> |
|            | (g)                                                                                                                                                                                         | Deed Notation for MSWLF Units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
| 34.        | 811.111                                                                                                                                                                                     | POST-CLOSURE MAINTENANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |
|            | (a)                                                                                                                                                                                         | Procedures After Receipt of Final Volume of Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|            | (b)                                                                                                                                                                                         | Remove All Equipment of Structures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
|            | (c)                                                                                                                                                                                         | Maintenance and Inspection of the Final Cover and Vegetation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
|            | (d)                                                                                                                                                                                         | Planned Uses of Property at MSWLF Units                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| 35.        | 811.112                                                                                                                                                                                     | RECORDKEEPING REQUIREMENTS FOR MSWLF UNITS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
| 00.        | (a)                                                                                                                                                                                         | Location Restriction Demonstration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
|            | (b)                                                                                                                                                                                         | Load Checking Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|            | (c)                                                                                                                                                                                         | Gas Monitoring Records                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
|            | (d)                                                                                                                                                                                         | MSWLF Liquid Restriction Records                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
|            | (e)                                                                                                                                                                                         | Groundwater Monitoring Program Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|            |                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
|            |                                                                                                                                                                                             | Closure and Post Closure Care Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
|            | (f)<br>(g)                                                                                                                                                                                  | Closure and Post Closure Care Requirements<br>Cost Estimates and Financial Assurance Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|            | (f)                                                                                                                                                                                         | Closure and Post Closure Care Requirements Cost Estimates and Financial Assurance Requirements PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| 36.        | (f)<br>(g)<br>PART 811<br>SUBPART                                                                                                                                                           | Cost Estimates and Financial Assurance Requirements PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS FACILITY LOCATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| 36.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C                                                                                                                                                      | Cost Estimates and Financial Assurance Requirements PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)                                                                                                                                    | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
| 36.<br>37. | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309                                                                                                                         | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)                                                                                                                  | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)                                                                                                           | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)                                                                                                    | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)                                                                               | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Discharge to Off-Site Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)                                                                        | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)                                                                 | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Discharge to Off-Site Treatment         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems                                                                                                                                                                                                                                                                                                                                            |          |
|            | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(c)<br>(d)<br>(c)<br>(d)<br>(c)<br>(f)<br>(g)<br>811.310                          | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Discharge to Off-Site Treatment         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         Standards for Leachate Monitoring Systems                                                                                                                                                                                                                                                                                          |          |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)<br>811.310<br>(b)                                 | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Leachate Recycling Systems         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLI         Location and Design of Gas Monitoring Wells                                                                                                                                                                                                                            |          |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)<br>811.310<br>(b)<br>(c)                                        | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Discharge to Off-Site Treatment         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         Standards for Leachate Monitoring Systems                                                                                                                                                                                                                                                                                          |          |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)<br>811.310<br>(b)<br>(c)<br>(c)<br>(d)                          | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Leachate Recycling Systems         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBL)         Location and Design of Gas Monitoring Wells         Monitoring Frequency for Landfill Gas         Monitoring Parameters         LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTR                                                                                  | E WASTE) |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)<br>811.310<br>(b)<br>(c)<br>(d)<br>(c)<br>(d)<br>811.311        | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Leachate Recycling Systems         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLI         Location and Design of Gas Monitoring Wells         Monitoring Frequency for Landfill Gas         Monitoring Parameters         LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTR         LANDFILLS)                                                               | E WASTE) |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)<br>811.310<br>(b)<br>(c)<br>(d)<br>(c)<br>(d)<br>811.311<br>(a) | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Leachate Recycling Systems         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         ILANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLI         Location and Design of Gas Monitoring Wells         Monitoring Frequency for Landfill Gas         Monitoring Parameters         LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTR         LANDFILLS)         Conditions for Installation of Gas Management System | E WASTE) |
| 37.        | (f)<br>(g)<br>PART 811<br>SUBPART<br>C<br>811.302<br>(c)<br>811.309<br>(a)<br>(c)<br>(d)<br>(c)<br>(d)<br>(e)<br>(f)<br>(g)<br>811.310<br>(b)<br>(c)<br>(d)<br>(c)<br>(d)<br>811.311        | Cost Estimates and Financial Assurance Requirements         PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS         FACILITY LOCATION         Site Screening (Does Not Apply To Part 814-Subpart D Sites)         LEACHATE TREATMENT AND DISPOSAL SYSTEM         General Requirements         Standards for On-Site Treatment and Pretreatment         Standards for Leachate Storage System         Standards for Leachate Recycling Systems         Standards for Leachate Recycling Systems         Standards for Leachate Monitoring Systems         LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLI         Location and Design of Gas Monitoring Wells         Monitoring Frequency for Landfill Gas         Monitoring Parameters         LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTR         LANDFILLS)                                                               | E WASTE) |

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| 40. | 811.312                  | LANDFILL GAS PROCESS AND DISPOSAL SYSTEM                                                                                   |          |
|-----|--------------------------|----------------------------------------------------------------------------------------------------------------------------|----------|
|     | (c)                      | No Unpermitted Gas Discharge                                                                                               |          |
|     | (d)                      | Gas Flow Rate Measurements into Treatment of Combustion Device                                                             |          |
|     | (e)                      | Standards for Gas Flares                                                                                                   |          |
|     | (f)                      | Standards for On-Site Combustion of Landfill Gas Using Devices Other Than<br>Flares                                        |          |
|     | (g)                      | Gas Transported Off-Site                                                                                                   |          |
| 41. | 811.313                  | INTERMEDIATE COVER                                                                                                         |          |
|     | (a)                      | Requirements for the Application for Intermediate Cover                                                                    |          |
|     | (b) ·                    | Runoff and Infiltration Control                                                                                            |          |
|     | (c)                      | Maintenance of Intermediate Cover                                                                                          |          |
| 42. | 811.314                  | FINAL COVER SYSTEM (DOES NOT APPLY TO PART 814 SITES THAT HA<br>CLOSED, COVERED AND VEGETATED PRIOR TO SEPTEMBER 18, 1990) | VE       |
|     | (a)                      | General Requirements                                                                                                       |          |
|     | (b)                      | Standards for Low Permeability Layer                                                                                       |          |
|     | (c)                      | Standards for Final Protective Layer                                                                                       |          |
| 43. | 811.316                  | PLUGGING AND SEALING OF DRILL HOLES                                                                                        |          |
| 44. | 811.321                  | WASTE PLACEMENT                                                                                                            |          |
|     | (a)                      | Phasing of Operations                                                                                                      |          |
|     | (b)                      | Initial Waste Placement                                                                                                    |          |
| 45. | 811.322                  | FINAL SLOPE AND STABILIZATION                                                                                              | <b>2</b> |
|     | (a)                      | Grade Capable of Supporting Vegetation and Minimizing Erosion                                                              |          |
|     | (b)                      | Slopes Required to Drain                                                                                                   |          |
|     | (c)                      | Vegetation                                                                                                                 |          |
|     | (d)                      | Structures Built over the Unit                                                                                             |          |
| 46. | 811.323                  | LOAD CHECKING PROGRAM                                                                                                      |          |
|     | (a)                      | Load Checking Program Implemented                                                                                          |          |
|     | (b)                      | Load Checking Program for PCB's at MSWLF Units                                                                             |          |
|     | (c)                      | Load Checking Program Components                                                                                           |          |
|     | (d)                      | Handling Regulated Hazardous Wastes                                                                                        |          |
|     | PART 811<br>SUBPART<br>D | MANAGEMENT OF SPECIAL WASTES AT LANDFILLS                                                                                  |          |
| 47. | 811.402                  | NOTICE TO GENERATORS AND TRANSPORTERS                                                                                      |          |
| 48. | 811.403                  | SPECIAL WASTE MANIFESTS REQUIREMENTS                                                                                       |          |
| 49. | 811.404                  | IDENTIFICATION RECORD                                                                                                      |          |
|     | (a)                      | Special Waste Profile Identification Sheet                                                                                 |          |
|     | (b)                      | Special Waste Recertification                                                                                              |          |
| 50. | 811.405                  | RECORDKEEPING REQUIREMENTS                                                                                                 |          |
| 51. | 811.406                  | PROCEDURES FOR EXCLUDING REGULATED HAZARDOUS WASTES                                                                        |          |

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|     | PART 811<br>SUBPART<br>G | FINANCIAL ASSURANCE                                                                                                                                                   |  |
|-----|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 52. | 811.700                  | COMPLY WITH FINANCIAL ASSURANCE REQUIREMENTS OF PART<br>811, SUBPART G                                                                                                |  |
| 53. | 811.701                  | UPGRADING FINANCIAL ASSURANCE                                                                                                                                         |  |
| 54. | 811.704                  | CLOSURE AND POST-CLOSURE CARE COST ESTIMATES                                                                                                                          |  |
| 55. | 811.705                  | REVISION OF COST ESTIMATE                                                                                                                                             |  |
|     |                          | SOLID WASTE FEE SYSTEM REQUIREMENTS                                                                                                                                   |  |
| 56. | Part 858<br>Subpart B    | MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID<br>WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES<br>WHERE INCOMING WASTE IS WEIGHED (LIST SPECIFIC SECTION |  |
| 57. | Part 858<br>Subpart C    | MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID<br>WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES<br>WHERE INCOMING WASTE IS NOT WEIGHED (LIST SPECIFIC     |  |
|     |                          | OTHER REQUIREMENTS                                                                                                                                                    |  |
| 58. | OTHER:                   | APPARENT VIOLATION OF: ( ) PCB; ( ) CIRCUIT COURT<br>CASE NUMBER: ORDER ENTERED ON:                                                                                   |  |
| 59. |                          |                                                                                                                                                                       |  |
|     |                          |                                                                                                                                                                       |  |
|     |                          |                                                                                                                                                                       |  |
|     |                          |                                                                                                                                                                       |  |
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#### 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: January 18, 2013

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|                                       | PERMIT PROVISIONS                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PERMIT NUMBER                         | <b>DESCRIPTION OF VIOLATION</b><br>(condition # of permit, page # of permit, and/or page # of approved application) |
|                                       |                                                                                                                     |
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# DIGITAL PHOTOGRAPHS

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

DATE: January 18, 2013 TIME: 9:50AM-10:40AM DIRECTION: East PHOTO by: Dustin Burger PHOTO FILE NAME: 0390055036~01182013-001.jpg COMMENTS:



DATE: January 18, 2013 TIME: 9:50AM-10:40AM DIRECTION: South PHOTO by: Dustin Burger PHOTO FILENAME: 0390055036~01182013-002.jpg COMMENTS:





# DIGITAL PHOTOGRAPHS

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

DATE: January 18, 2013 TIME: 9:50AM-10:40AM DIRECTION: South PHOTO by: Dustin Burger PHOTO FILENAME: 0390055036~01182013-003.jpg COMMENTS:



DATE: January 18, 2013 TIME: 9:50AM-10:40AM DIRECTION: North PHOTO by: Dustin Burger PHOTO FILE NAME: 0390055036~01182013-004.jpg COMMENTS:





## DIGITAL PHOTOGRAPHS

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

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DATE: January 18, 2013 TIME: 9:50AM-10:40AM DIRECTION: South PHOTO by: Dustin Burger PHOTO FILENAME: 0390055036~01182013-002.jpg COMMENTS:





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