



# 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

November 13, 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 October 28, 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", written over a horizontal line.

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: 10/28/2013 Time: From 10:30A To 11:15A Previous Inspection Date: 08/29/2013  
 Inspector(s): Dustin Burger Weather: Mostly clear, Moderate winds, dry, 60s  
 No. of Photos Taken: # 5 Samples Taken: Yes #      No   
 Interviewed: David Bryant, Site Manager Facility Phone No.: 217/935-8028

Permitted Owner Mailing Address

Permitted Operator Mailing Address

Clinton Landfill 3  
4700 Sterling Ave. P.O. Box 9071  
Peoria, IL 61612-9071

Clinton Landfill 3  
9550 Heritage Road-C  
Clinton, IL 61727

Chief Operator Mailing Address

Certified Operator Mailing Address

Ron Welk  
4700 Sterling Ave. P.O. Box 9071  
Peoria, IL 616-9071

Ron Welk  
4700 Sterling Ave. P.O. Box 9071  
Peoria, IL 616-9071

**AUTHORIZATION:**

**OPERATIONAL STATUS:**

**TYPE OF OPERATION:**

Significant Modification Permit  Operating  Existing Landfills 814-Subpart C   
 Initial: 2005-070-LF Closed-Not Certified.  814-Subpart D   
 Latest Mod 43 Exp. 2/15/17 Closed-Date Certified:                      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"/>

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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"/>

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

33.	811.110	<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"/>

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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	<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.

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

LPC#0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
FOS File  
October 28, 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 October 28, 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). Dave Bryant, the Site Manager, accompanied me during the visit. Five photos were taken of Unit #3. The weather was mostly clear and dry, with temperatures in the 60s. The weather for the last month had been typical mixed fall weather, with periods of sun and rain and moderate temperatures.

**Site Inspection**

When I arrived at the landfill I tried to check in at the landfill office. Neither Dave Bryant nor the Administrative Assistants were in their offices. I then drove to the old Unit #2 scalehouse, where Kyle the Environmental Compliance Specialist has an office. Kyle also was not in his office, so I drove to the scalehouse.

The normal scalehouse operator, Bill, was on vacation, so one of the Administrative office employees was running the scales. When I asked where Mr. Bryant was located, she said he was in a dark Ford Explorer watching the active area. I found Mr. Bryant exactly where she indicated. Together, we drove around the landfill.

Not much had changed since my last visit on August 29, 2013. The active area was located in Cell 5A1. The floor of cell 5A had been covered with waste, and the current active area was filling a lift near the bottom of the cell (photo 1). One truck tipper was present, but was not used in the time I was present. The area around the active area was free of litter. No banned waste, such as tires, electronics, or landscape waste was noted.

East of the active area the facility was beginning to excavate for what will eventually be Cell 5B. Bryant said a new cell won't be needed or certified for almost a year, but since almost 750,000 cubic yards of soil need to be moved the project has started while the weather is good. Some of the virgin soil is being sold for backfilling projects in the surrounding area.



The waste solidification area on top of Cell 1C was not being used during the inspection. The trees and sedimentation pond on the north side of the facility were free from litter. PDC Technical Services had just finished sampling the groundwater wells on the northern side of the landfill. The technician said it was the last well for the sampling event. The samplers were completing the chain-of-custody paperwork for the samples.

The small vehicle unloading area contains a roll-off box to service customers in pick-up trucks. The roll-off box was full at the time of my inspection.

We then drove to the Chemical Waste Unit (CWU). I asked Mr. Bryant if the CWU was being used much. He replied that the landfill had received nine loads of Manufactured Gas Plant (MGP) waste from a Rockford (MGP) remediation project since my last inspection. He also said that 3M Company from Cordova, IL. had asked for its fluoride salt wastes to be disposed in the CWU. Bryant said the waste was not hazardous, but 3M wanted the extra protection from liability that a landfill with a Subtitle C compliant liner would provide. I later checked the waste profile for the salt wastes at the scalehouse and found the waste was actually certified as non-special, non-hazardous wastes.

The CWU was inactive. The waste in the cell was adequately covered by cover soils. The eastern half of the cell was still unused and had the protective plastic cover in place over the cell to prevent rainwater from entering the leachate collection system.

Currently the landfill is not solidifying the leachate from the CWU, finding it was taking up too much airspace with the resulting solids. The leachate is instead hauled to Peoria Disposal Company (PDC) #1 for treatment in their wastewater treatment facility.

### **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 40 issued on September 24, 2013 approved the Construction Quality Acceptance (CQA) report for Phase 5A2 and 5A3. The two sub cells consist of approximately 3.75 acres. The permit also modifies the closure/post closure care costs to reflect the opening of a new landfill cell.

Permit Modification 41 issued on October 10, 2013 approved the use of crushed cathode ray tube glass as alternate daily cover with special conditions enumerated in Condition II.5(ab) of the permit, which apply to all Alternate Daily Cover (ADC) used at the facility.

Permit Modification 42 issued on November 5, 2013. This modification approved the alternate source demonstration for the first quarter 2013 groundwater exceedences. The

demonstration showed that the groundwater exceedences were not a result of the landfill operations.

The estimate for closure of the current landfill's 29 acres of municipal solid waste disposal and 6.14 acres comprising the CWU is \$10,475,467. This value includes \$4,591,217 for premature closure, and \$5,844,250 for post-closure care. The landfill currently has \$10,932,021 in posted financial assurance.

### **Records Review**

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

The facility submitted an August 23, 2013 document notifying of exceedances in groundwater quality for the July 15, 2013 reporting period. The submittal included a table (attached), with the summary of exceedances. The facility has submitted alternate source demonstrations for the January 23, 2013 exceedances which were approved November 5, 2013 in Modification 42 to the permit. The alternate source demonstration for the July 24, 2013 sampling is currently in-house for review by BOL Permits section. The facility will follow the confirmation procedures in 35 IAC 811.319(a)(4)(B) to confirm the remaining exceedances. Most of the exceedances were common inorganic constituents. Organic constituents were found in wells G225R, R16R, G05M, G25N, G25D, and G26D. G05M is an upgradient well.

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

### **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: October 28, 2013  
TIME: 10:30AM-11:15AM  
DIRECTION: East  
PHOTO by: Dustin Burger  
PHOTO FILENAME  
039005036~10282013-001.jpg  
COMMENTS: Active area



DATE: October 28, 2013  
TIME: 10:30AM-11:15AM  
DIRECTION: East  
PHOTO by: Dustin Burger  
PHOTO FILENAME  
039005036~10282013-002.jpg  
COMMENTS: photo to the south of  
above photo. Construction started on  
new cell for next year.



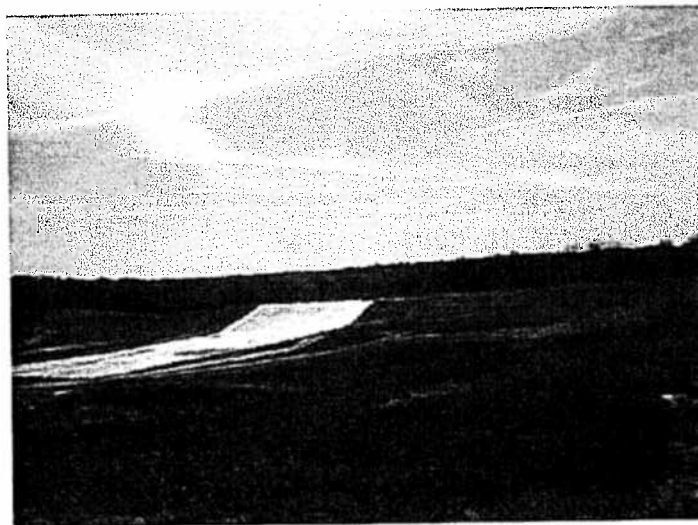


Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE: October 28, 2013  
TIME: 10:30AM-11:15AM  
DIRECTION: Southeast  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
039005036~10282013-003.jpg  
COMMENTS: CWU



DATE: October 28, 2013  
TIME: 10:30AM-11:15AM  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
039005036~10282013-004.jpg  
COMMENTS: CWU close up



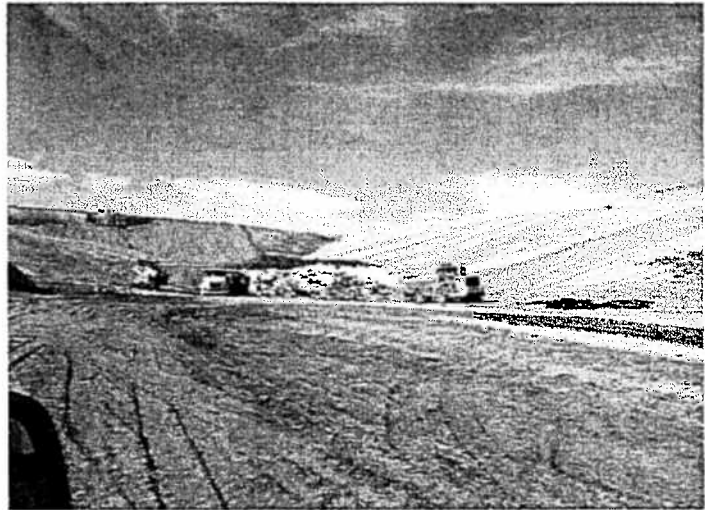


Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

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

DATE October 28, 2013  
TIME 10:30AM-11:15AM  
DIRECTION: West  
PHOTO by: Dustin Burger  
PHOTO FILENAME  
039005036~10282013-005.jpg  
COMMENTS: Active area



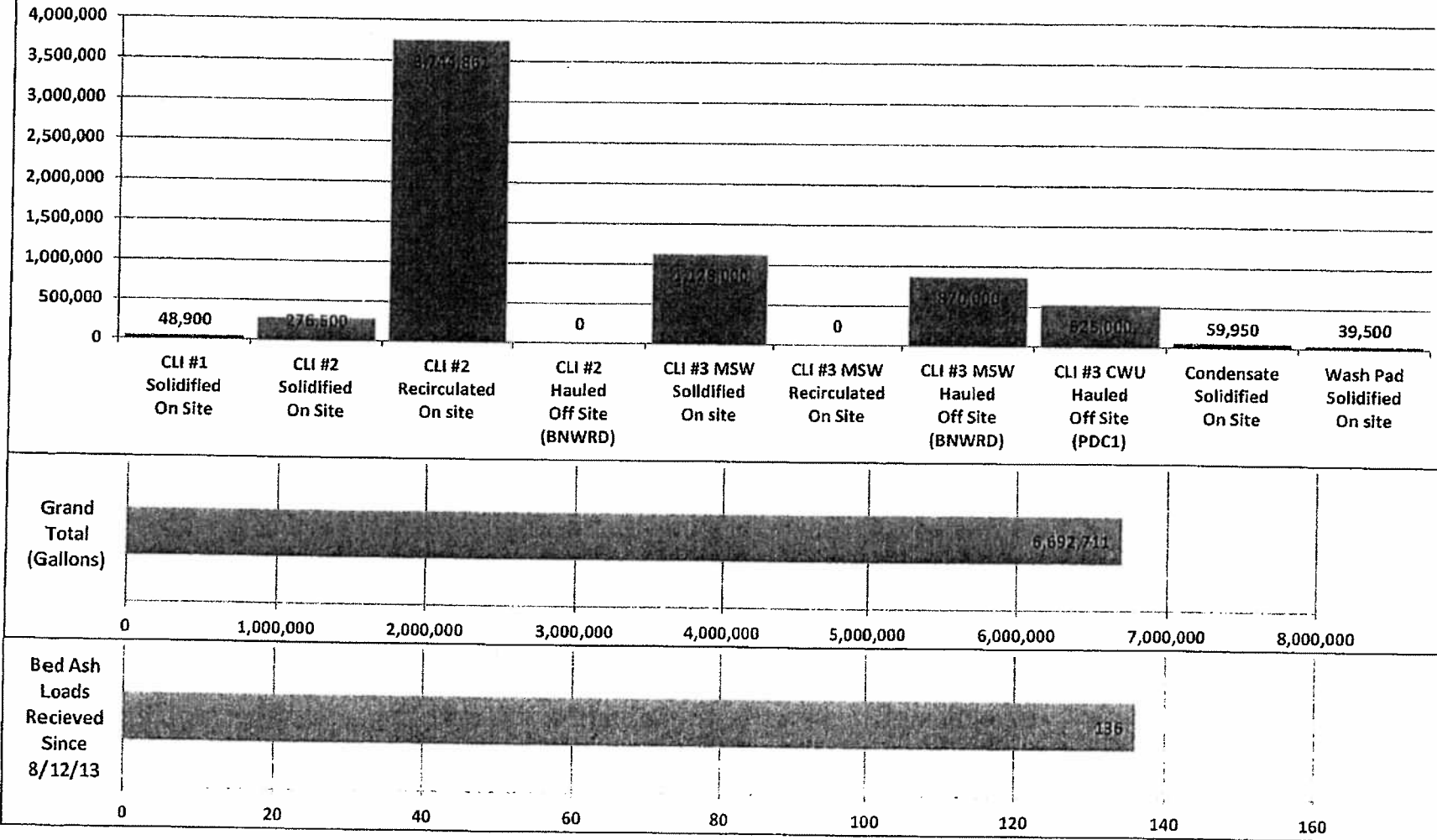
# Clinton Landfill, Inc.

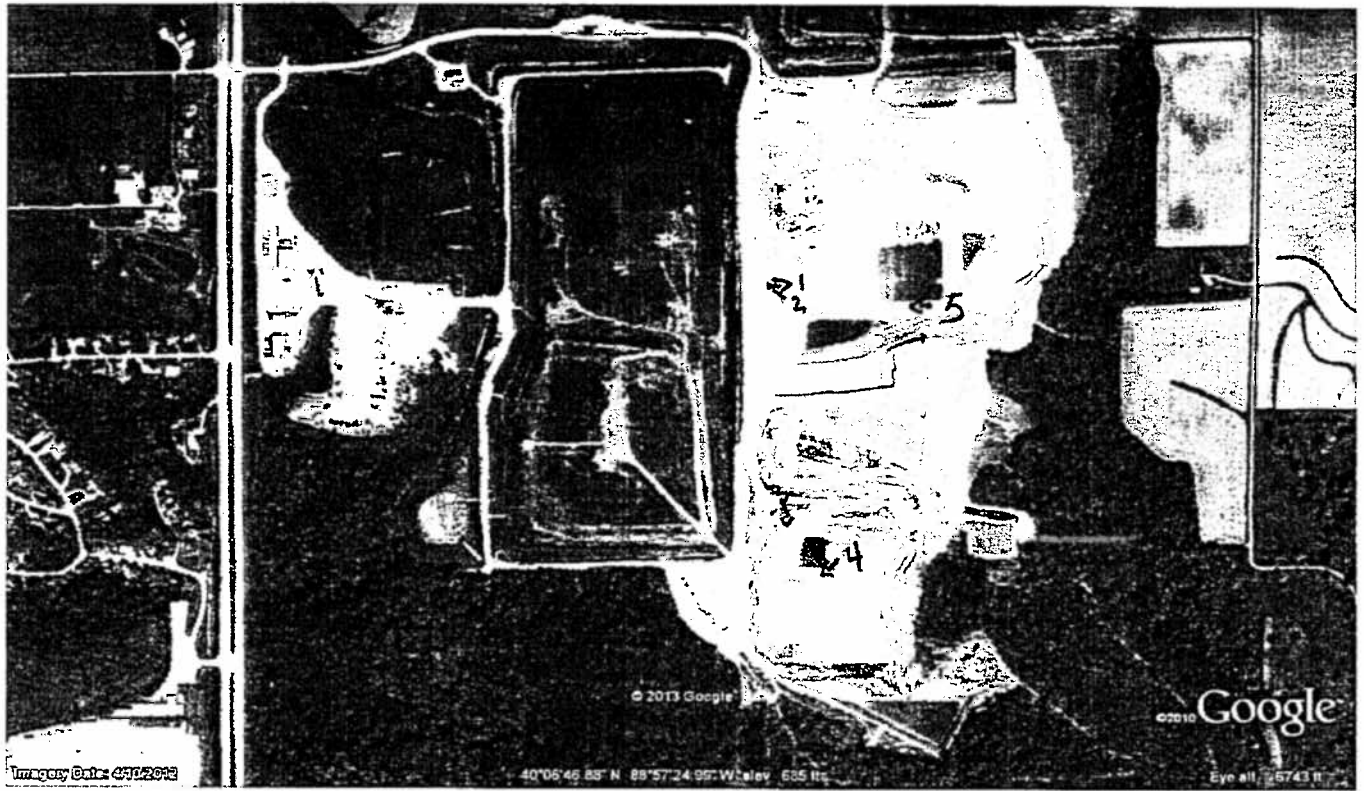
## Leachate Management Summary

### Annual 2013

(Gallons)

BNWRD = Bloomington Normal Water Reclamation Department, Heyworth IL  
 PDC1 = Peoria Disposal Companies, PDC1 Facility, Peoria IL





039 005 5036  
Clinton Landfill #3

**TABLE 1 (cont'd)**  
**Clinton Landfill No. 3**  
**Apparent Exceedances for 2<sup>nd</sup> Quarter 2013**

Well	Parameter	Units	Initial Result	Interwell AGQS/MAPC	Resample?
R17R <sup>#</sup>	Nitrate-N, Dissolved	mg/L	13	0.06	Yes
R17R <sup>#</sup>	Specific Conductance, Field Measured	µmhos/cm	1640	1281	Yes
<b>UPPER RADNOR TILL SAND WELLS</b>					
G07S <sup>#</sup>	Arsenic, Dissolved	µg/L	200	11	No
G07S <sup>#</sup>	pH, Field Measured	s.u.	6.18	6.24 - 7.75	No
G49S	Chloride, Dissolved	mg/L	15	8.5	No
G49S	Magnesium, Dissolved	mg/L	99	66.4	No
G49S	Nitrate-N, Dissolved	mg/L	0.68	0.29	Yes
G49S	Total Dissolved Solids	mg/L	1100	692.7	No
G49S	Specific Conductance, Field Measured	µmhos/cm	1520	1108.7	No
G49S	Sulfate, Dissolved	mg/L	400	8.4	No
G50S	Arsenic, Dissolved	µg/L	18	11	Yes
G50S	Sulfate, Dissolved	mg/L	87	8.4	No
G54S	Chloride, Dissolved	mg/L	12	8.5	No
G54S	Specific Conductance, Field Measured	µmhos/cm	1210	1108.7	No
G54S	Sulfate, Dissolved	mg/L	82	8.4	No
<b>LOWER RADNOR TILL SAND WELLS</b>					
G01M <sup>#</sup>	Nitrate-N, Dissolved	mg/L	6.1	0.14	No
G01M <sup>#</sup>	Sulfate, Dissolved	mg/L	100	65	Yes
G04M <sup>#</sup>	Nitrate-N, Dissolved	mg/L	0.89	0.14	No
G05M <sup>#</sup>	Bromomethane	µg/L	5.4	2	Yes
G05M <sup>#</sup>	Chloromethane	µg/L	2.2	2	Yes
G08M <sup>#</sup>	Nitrate-N, Dissolved	mg/L	0.42	0.14	Yes
G16M	Boron, Dissolved	µg/L	720	622	No
G16M	Nitrate-N, Dissolved	mg/L	12	0.14	Yes
G20M	Sulfate, Dissolved	mg/L	92	65	No
G25M	cis-1,2-Dichloroethene	µg/L	2.2	1	Yes
G25M	Trichloroethene	µg/L	1.2	1	Yes
G26M	pH, Field Measured	s.u.	8.06	5.79 - 7.97	Yes
G39M	Nitrate-N, Dissolved	mg/L	14	0.14	Yes
G47M	Boron, Dissolved	µg/L	630	622	Yes
G47M	Magnesium, Dissolved	mg/L	89	82.2	Yes
G47M	Nitrate-N, Dissolved	mg/L	20	0.14	No
G48M	Chromium, Dissolved	µg/L	5.2	4.6	Yes
G48M	Lead, Dissolved	µg/L	2.1	1	Yes
G48M	Nitrate-N, Dissolved	mg/L	3	0.14	No
G48M	Sulfate, Dissolved	mg/L	130	65	No



**TABLE 1**  
**Clinton Landfill No. 3**  
**Apparent Exceedances for 2<sup>nd</sup> Quarter 2013**

Well	Parameter	Units	Initial Result	Interwell AGQS/MAPC	Resample?
<b>ROXANA SILT/ROBEIN MEMBER WELLS</b>					
G02R <sup>#</sup>	Specific Conductance, Field Measured	µmhos/cm	1350	1281	Yes
G04R <sup>#</sup>	Specific Conductance, Field Measured	µmhos/cm	1480	1281	Yes
G04R <sup>#</sup>	Sulfate, Dissolved	mg/L	160	156.6	Yes
G04R <sup>#</sup>	Zinc, Dissolved	µg/L	17	11	Yes
G08R	Nitrate-N, Dissolved	mg/L	0.29	0.06	Yes
G09R	Nitrate-N, Dissolved	mg/L	0.58	0.06	Yes
G20R	Magnesium, Dissolved	mg/L	140	101.4	Yes
G20R	Total Dissolved Solids	mg/L	2600	946.5	Yes
G20R	Specific Conductance, Field Measured	µmhos/cm	3450	1281	Yes
G20R	Sulfate, Dissolved	mg/L	1500	156.6	Yes
G25R	cis-1,2-Dichloroethene	µg/L	1.6	1	Yes
G25R	Nitrate-N, Dissolved	mg/L	1.4	0.06	Yes
G25R	Sulfate, Dissolved	mg/L	220	156.6	Yes
G26R	Nitrate-N, Dissolved	mg/L	0.09	0.06	Yes
G26R	Total Dissolved Solids	mg/L	950	946.5	Yes
G26R	Sulfate, Dissolved	mg/L	410	156.6	Yes
G39R	Specific Conductance, Field Measured	µmhos/cm	1330	1281	Yes
G47R	Boron, Dissolved	µg/L	630	565.5	Yes
G47R	Specific Conductance, Field Measured	µmhos/cm	1690	1281	Yes
G48R	Nitrate-N, Dissolved	mg/L	0.3	0.06	Yes
G48R	Sulfate, Dissolved	mg/L	210	156.6	Yes
G49R	Arsenic, Dissolved	µg/L	24	11	Yes
G49R	Total Dissolved Solids	mg/L	980	946.5	Yes
G49R	Specific Conductance, Field Measured	µmhos/cm	1430	1281	Yes
G49R	Sulfate, Dissolved	mg/L	270	156.6	Yes
G58R <sup>#</sup>	Nitrate-N, Dissolved	mg/L	0.12	0.06	Yes
G58R <sup>#</sup>	Sulfate, Dissolved	mg/L	170	156.6	Yes
G59R	Magnesium, Dissolved	mg/L	120	101.4	Yes
G59R	Nitrate-N, Dissolved	mg/L	0.57	0.06	Yes
G59R	Total Dissolved Solids	mg/L	1200	946.5	Yes
G59R	Specific Conductance, Field Measured	µmhos/cm	1610	1281	Yes
G59R	Sulfate, Dissolved	mg/L	550	156.6	Yes
R16R	Nitrate-N, Dissolved	mg/L	0.38	0.06	Yes
R16R	Total Dissolved Solids	mg/L	2100	946.5	Yes
R16R	Specific Conductance, Field Measured	µmhos/cm	1290	1281	Yes
R16R	Tetrahydrofuran	µg/L	21	10	Yes

**TABLE 1 (cont'd)**  
**Clinton Landfill No. 3**  
**Apparent Exceedances for 2<sup>nd</sup> Quarter 2013**

Well	Parameter	Units	Initial Result	Interwell AGQS/MAPC	Resample?
G49M	Magnesium, Dissolved	mg/L	92	82.2	No
G49M	Total Dissolved Solids	mg/L	1000	870	No
G49M	Specific Conductance, Field Measured	µmhos/cm	1470	1457	Yes
G49M	Sulfate, Dissolved	mg/L	370	65	No
G58M	Nitrate-N, Dissolved	mg/L	3.9	0.14	No
G58M	Sulfate, Dissolved	mg/L	110	65	No
R17M	Nitrate-N, Dissolved	mg/L	2.5	0.14	No
R17M	Total Dissolved Solids	mg/L	900	870	No
R17M	Specific Conductance, Field Measured	µmhos/cm	1620	1457	Yes
<b>ORGANIC SOILS WELLS</b>					
G01D <sup>#</sup>	Nitrate-N, Dissolved	mg/L	5	1.5	No
G03D <sup>#</sup>	Specific Conductance, Field Measured	µmhos/cm	1994	1383	Yes
G06D <sup>#</sup>	Magnesium, Dissolved	mg/L	73	72.1	Yes
G08D <sup>#</sup>	Nitrate-N, Dissolved	mg/L	7.7	1.5	No
G09D	Nitrate-N, Dissolved	mg/L	2.8	1.5	Yes
G09D	Sulfate, Dissolved	mg/L	150	76	Yes
G09D	Zinc, Dissolved	µg/L	36	16	No
G16D	Nitrate-N, Dissolved	mg/L	6.3	1.5	Yes
G24D	Chloride, Dissolved	mg/L	38	33	No
G25D	cis-1,2-Dichloroethene	µg/L	3.7	1	Yes
G25D	Trichloroethene	µg/L	2	1	Yes
G26D	cis-1,2-Dichloroethene	µg/L	1.3	1	Yes
G31D	Chloride, Dissolved	mg/L	36	33	No
G48D	Nitrate-N, Dissolved	mg/L	2.7	1.5	No
G48D	Sulfate, Dissolved	mg/L	180	76	No
G59D	Sulfate, Dissolved	mg/L	95	76	No

Notes:

1. <sup>#</sup>Upgradient Well
2. AGQS: Applicable Groundwater Quality Standard/MAPC: Maximum Allowable Predicted Concentration
3. dissolved = filtered sample, total = unfiltered sample
4. mg/l = Milligrams per liter = parts per million (ppm), µg/L = Micrograms per liter = parts per billion (ppb), µmhos/cm = micromhos/centimeter, s.u. = standard units.
5. \* No = CLI has previously confirmed an apparent exceedance for this parameter in accordance with 35 IAC 811.319(a)(4)(B), and current results are consistent with or declining from the previously confirmed concentration. Therefore, CLI does not intend to conduct additional confirmation sampling.
6. \* Yes = CLI will follow the confirmation procedures of 35 IAC 811.319(a)(4)(B) to confirm the apparent exceedance.

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