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

July 11, 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 June 10, 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

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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: 06/10/2013 Time: From 10:15A To 11:20A Previous Inspection Date: 04/16/2013

Inspector(s): Dustin Burger Weather: Overcast, dry, 70s

No. of Photos Taken: # 11 Samples Taken: Yes # ____ No ☒

Interviewed: Dave Bryant, Site Manager Facility Phone No.: 217/935-8028

Permitted Owner Mailing Address

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

Permitted Operator Mailing Address

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

Chief Operator Mailing Address

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

Certified Operator Mailing Address

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

AUTHORIZATION:
Significant Modification Permit
Initial: 2005-070-LF
Latest Mod 39 Exp. 2/15/17

OPERATIONAL STATUS:
Operating ☒
Closed-Not Certified. ☐
Closed-Date Certified: _____

TYPE OF OPERATION:
Existing Landfills 814-Subpart C ☐
814-Subpart D ☐
New Landfills: 811-Putres./Chem. ☒

	SECTION	DESCRIPTION	VIOL
		ILLINOIS ENVIRONMENTAL PROTECTION ACT REQUIREMENTS	
1.	9(a)	CAUSE, THREATEN OR ALLOW AIR POLLUTION IN ILLINOIS	☐
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 VIOLATION OF AN NPDES PERMIT	☐
6.	21(a)	CAUSE OR ALLOW OPEN DUMPING	☐
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)	☐
	(2)	In Violation of Any Regulations or Standards Adopted by the Board	☐
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	☐
9.	21(f)(1)	CONDUCT ANY HAZARDOUS WASTE-STORAGE, TREATMENT OR DISPOSAL OPERATION WITHOUT A RCRA PERMIT.	☐

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LPC #: 0390055036
Inspection Date: June 10, 2013

10.	21(o)	CONDUCT A SANITARY LANDFILL OPERATION WHICH RESULTS IN ANY OF THE 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 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	☐
	(13)	Failure to Submit Any Cost Estimate, Performance Bond or Other Security	☐
11.	21(t)	CAUSE OR ALLOW A LATERAL EXPANSION OF A MUNICIPAL SOLID WASTE LANDFILL (MSWLF) UNIT WITHOUT A PERMIT MODIFICATION	☐
12.	21.6(b)	ACCEPTANCE OF LIQUID USED OIL FOR FINAL DISPOSAL (EFFECTIVE JULY 1, 1996)	☐
13.	22.01	FAILURE TO SUBMIT ANNUAL NONHAZARDOUS SPECIAL WASTE	☐
14.	22.17	LANDFILL POST-CLOSURE CARE	
	(a)	Failure to Monitor Gas, Water, Settling	☐
	(b)	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	☐
17.	22.28(b)	ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL	☐
18.	55(b)(1)	ACCEPTANCE OF ANY USED OR WASTE TIRE FOR FINAL DISPOSAL (UNLESS LANDFILL MEETS EXEMPTION OF 55(b)(1))	☐
19.	56.1(a)	CAUSE OR ALLOW THE DISPOSAL OF ANY POTENTIALLY INFECTIOUS MEDICAL WASTE	☐
		SOLID WASTE SITE OPERATOR CERTIFICATION LAW REQUIREMENTS	
20.	225 ILCS 230/1004	CAUSING OF ALLOWING OPERATION OF A LANDFILL WITHOUT PROPER COMPETENCY CERTIFICATE	☐
		35 ILLINOIS ADMINISTRATIVE CODE REQUIREMENTS SUBTITLE G	
		PRIOR CONDUCT CERTIFICATION REQUIREMENTS	
21.	745.181	CHIEF OPERATOR REQUIREMENTS	☐
22.	745.201	PRIOR CONDUCT CERTIFICATION PROHIBITIONS	☐
		SPECIAL WASTE HAULING REQUIREMENTS	
23.	809.301	REQUIREMENTS FOR DELIVERY OF SPECIAL WASTE TO HAULERS	☐

24.	**809.302(a)**	**REQUIREMENTS FOR ACCEPTANCE OF SPECIAL WASTE FROM HAULERS**	☐
25.	**809.501**	**MANIFESTS, RECORDS, ACCESS TO RECORDS, REPORTING REQUIREMENTS AND FORMS**	
	(a)	Delivery of Special Waste to Hauler	☐
	(e)	Retention of Special Waste Manifests	☐
		NEW SOLID WASTE LANDFILL REQUIREMENTS	
	PART 811 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	☐
	(l)	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**	
	(a)	Access Restricted	☐
	(b)	Proper Sign Posted	☐

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	☐
	(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**	
	(a)	Location Restriction Demonstration	☐
	(b)	Load Checking Requirements	☐
	(c)	Gas Monitoring Records	☐
	(d)	MSWLF Liquid Restriction Records	☐
	(e)	Groundwater Monitoring Program Requirements	☐
	(f)	Closure and Post Closure Care Requirements	☐
	(g)	Cost Estimates and Financial Assurance Requirements	☐
	PART 811 SUBPART C	**PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS**	
36.	811.302	**FACILITY LOCATION**	
	(c)	Site Screening (Does Not Apply To Part 814-Subpart D Sites)	☐
37.	811.309	**LEACHATE TREATMENT AND DISPOSAL SYSTEM**	
	(a)	General Requirements	☐
	(c)	Standards for On-Site Treatment and Pretreatment	☐
	(d)	Standards for Leachate Storage System	☐
	(e)	Standards for Discharge to Off-Site Treatment	☐
	(f)	Standards for Leachate Recycling Systems	☐
	(g)	Standards for Leachate Monitoring Systems	☐
38.	811.310	**LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLE WASTE)**	
	(b)	Location and Design of Gas Monitoring Wells	☐
	(c)	Monitoring Frequency for Landfill Gas	☐
	(d)	Monitoring Parameters	☐
39.	811.311	**LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTRESCIBLE LANDFILLS)**	
	(a)	Conditions for Installation of Gas Management System	☐
	(b)	Notification and Implementation Requirements	☐
	(c)	Standards for Gas Venting	☐
	(d)	Standards for Gas Collection	☐

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 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 HAVE CLOSED, COVERED AND VEGETATED PRIOR TO SEPTEMBER 18, 1990)**	
	(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**	
	(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 SUBPART 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**	☐

LPC #: 0390055036
Inspection Date: June 10, 2013

	PART 811 SUBPART G	FINANCIAL ASSURANCE	
52.	811.700	COMPLY WITH FINANCIAL ASSURANCE REQUIREMENTS OF PART 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 Subpart B	MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS WEIGHED (LIST SPECIFIC SECTION	☐
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	☐
		OTHER REQUIREMENTS	
58.	OTHER:	APPARENT VIOLATION OF: (☐) PCB; (☐) CIRCUIT COURT CASE NUMBER: ORDER ENTERED ON:	☐
59.			☐
			☐
			☐
			☐
			☐

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: June 10, 2013

PERMIT PROVISIONS	
PERMIT NUMBER	**DESCRIPTION OF VIOLATION** (condition # of permit, page # of permit, and/or page # of approved application)

Illinois Environmental Protection Agency

Bureau of Land ♦ Field Operations Section ♦ Champaign

LPC#0390055036—DeWitt County
Clinton/Clinton Landfill #3
FOS File
June 10, 2013 Inspection
Inspector: Dustin Burger
GIS Information from BOL Inventory: N40.11507 W-88.9589

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JUL 16 2013
IEPA/BOL

Narrative Inspection Report

I conducted a routine inspection at the above referenced facility on June 10, 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, was in a meeting in Peoria for the day so Kyle, the Compliance Manager, accompanied me during the visit. Two IEPA interns, Haley Smetanna and Luke Omahana, were also present. Eleven photos were taken of Unit #3. The weather was cloudy and mostly dry despite the heavy spring rains, with temperatures in the 70s. .

Site Inspection

When I arrived at the landfill I asked for Dave Bryant, the landfill manager, at the office. Mr. Bryant was out of the office at a meeting at the corporate headquarters, so Kyle, the Compliance Manager, escorted us on our visit. We hopped into a gator ATV and we drove out to Unit #3. We first drove to the scalehouse and spoke to Mike. He explained how waste is inspected and weighed as it arrives at the facility. Waste profile sheets and manifests are kept in the scalehouse office, so I asked to see the waste analyses for the Manufactured Gas Plant (MGP) from the DuQuoin CommEd project that the landfill was currently accepting. Mike found the file and I looked through the data. Sample analysis results indicated the wastes were not hazardous for any characteristic of hazardous waste, including the toxicity characteristics for which MGP wastes are exempted. Indeed, most of the contaminants of concern were actually below the labs detection limits.

After the visit to the scalehouse, we drove to the active area located in cell 3B and watched as several trucks unloaded (photos 1-2). The winds were calm today, so blowing litter was not an issue. The interns watched as both roll-off and rear loader trucks dumped waste. Bulldozers would push the waste to the active area, and compactor would run over the waste to compact the material. No semi-trailers were present during our visit, so the truck tipper was not being used. No banned wastes, such as tires, electronic devices, used oil, or landscape wastes were observed.

We next looked at the waste solidification area. A truck had just dumped a load of leachate into the buried railcar located on the top of Cell 1C, but solidification with coal

combustion ash had not yet started. The leachate normally reacts with an exothermic reaction and bubbles and froths as the lime in the ash reacts to the moisture.

The northern edge of the landfill area has 30-foot tall telephone poles with netting installed to prevent litter from blowing into the sedimentation pond where it is harder to remove. During my last inspection I had noted that high winds had carried minor amounts of litter into the trees on the north side of the landfill. Bryant had said remove the material required a man-lift, but could not be completed until the ground had dried out. Evidently the ground had dried enough since then, because the litter had been removed.

Construction of cell 5A is now complete. The cell had been excavated and the recompacted clay liner, HDPE liners, and leachate collection system installed. The facility received permission to begin using Cell 5A1 on May 10, 2013 in Permit Modification 39. The facility had just started to place the first lift of 10 feet of uncompacted waste in the cell (photos 3-4). We walked on the completed liner system to show the interns the liner design and installation. The leachate extraction was installed and pumping stormwater, now considered leachate, into the facility's holding tanks.

As part of the construction, the temporary wells on the south side of the active area were removed and replaced. The new wells were installed in time to take the required 4th quarter groundwater samples (photos 5-6, 8). The three wells in each cluster monitor a different water bearing zone.

We also looked at the citizen's disposal box used for small vehicles to unload to keep them away from the heavy machinery and the gas flare for Unit #3.

The Chemical Waste Unit (CWU) was receiving waste from a Manufactured Gas Plant (MGP) site in Rockford the day of the inspection. I took three photos of the CWU (photos 9-11). No waste had been received yet during the day of my inspection.

Thus far no waste has been placed in the eastern half of the CWU, but a soil and cover has been placed to protect the liner from freezing and UV damage. The landfill has received a permit allowing, and is now using a plastic covering over the areas not used to keep stormwater from contacting the waste or entering the leachate collection system. The stormwater would then not have to be handled as leachate. Currently the landfill is not solidifying the leachate from the CWU, finding it was taking up too much airspace. The leachate is instead hauled to Peoria Disposal Company (PDC) #1 for treatment in their wastewater treatment facility.

Although not part of Unit #3, we also stopped by the flare system for Unit #2 to show the interns the design and operation of the gas collection system and gas-to-energy plant.

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 38 was granted on April 29, 2013. This modification approved the demonstration of compliance with the requirements of Condition IX.13 of the permit related to methane exceedences noted in perimeter probes PGP-2, PGP-3, PGP-8, and PGP-14 and the subsequent Recommended Action Plan to address the exceedences.

Permit modification 39 issued on May 10, 2013 approved the Construction Quality Acceptance (CQA) report for Phase 5A1. Cell 5A1 consists of approximately 4.56 acres. The permit also modifies the closure/post closure care costs to reflect the opening of a new landfill cell.

Total closure costs are estimated at the end of its operating life is $11,931,943. The estimate for closure of the current landfill's 29 acres of municipal solid waste disposal and 6.14 acres comprising the CWU is $9,892,394. This value includes $4,201,519 for premature closure, and $5,687,875 for post-closure care.

Records Review

The facility has 60 groundwater monitoring wells installed. Fifteen upgradient and 45 downgradient wells monitor the four groundwater zones beneath the landfill. First quarter testing confirmed the 4th quarter exceedences for dissolved nitrate and dissolved sulfate were noted in Well G54S. The facility submitted a June, 2013 permit application as required to demonstrate the exceedences is not causing by the landfill. The permit application notes that the well with the exceedance is actually 1,000 feet east of the CWU and was installed in January 2011. The highest dissolved sulfate concentrations in the well actually took place before waste was placed into the CWU. The closer wells in the G53 series would likely show exceedences if the exceedences were actually caused by the landfill. All evidence seems to point the exceedences as being a naturally occurring variance in groundwater quality.

Groundwater exceedences in six wells in the April 15, 2013 reporting period for dissolved sulfate (4 wells) and dissolved arsenic (2 wells) have been addressed in the facility's January 23, 2013 permit application.

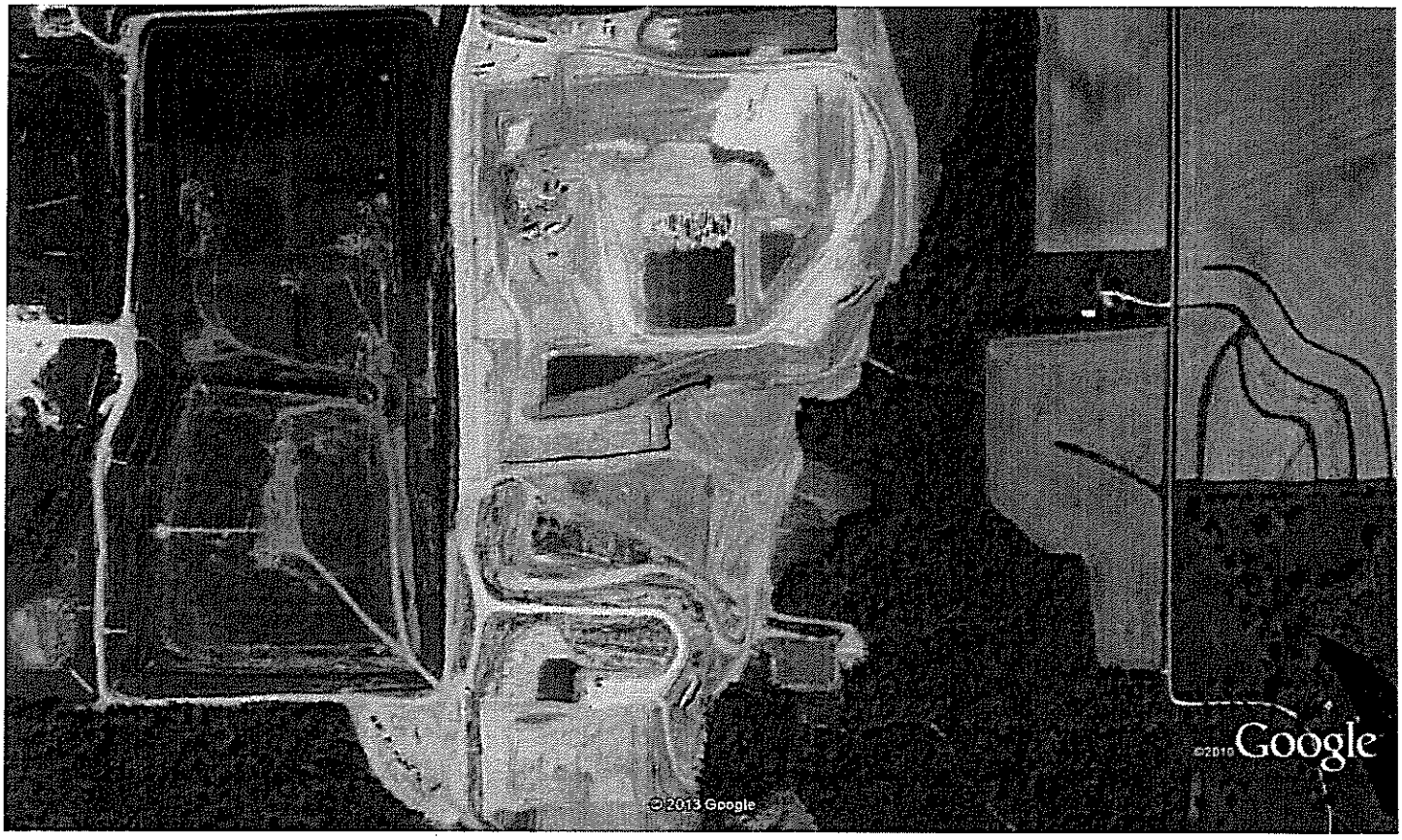
The landfill disposes of leachate in one of three ways. First, the liquids can be recirculated. Unit #3 does not yet have a recirculation systems installed. Second, leachate and landfill gas condensate can be solidified with ash and disposed as solid waste. A total of 787,500 gallons from MSW Unit 3 have been solidified on-site and placed in the landfill. Thirdly, leachate can be hauled off site for disposal. A total of 465,000 gallons from Unit 3 MSW, and 320,000 gallons from the CWU have been

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.

In addition to checked the waste profiles for the incoming DeQuoin MGP remediation site waste, I asked Mr. Bryant via e-mail for the total amounts of MGP waste for the last reporting period and the waste profiles for each. A total of 26,145.7 tons of waste from 7 different remediation projects were accepted at the CWU. The waste profiles provided indicated all the wastes were characteristically non-hazardous. When Toxicity testing was done, none of the wastes exceeded the TCLP limits for toxicity.

Summary of Apparent Violations

No violations were noted during the inspection


©2013 Google
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Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036 -06102013-001.jpg
COMMENTS: Active area

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036 -06102013-002.jpg
COMMENTS: Active Area

Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: North
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036-06102013-003.jpg
COMMENTS: Protective layer over Cell 5A floor drainage system

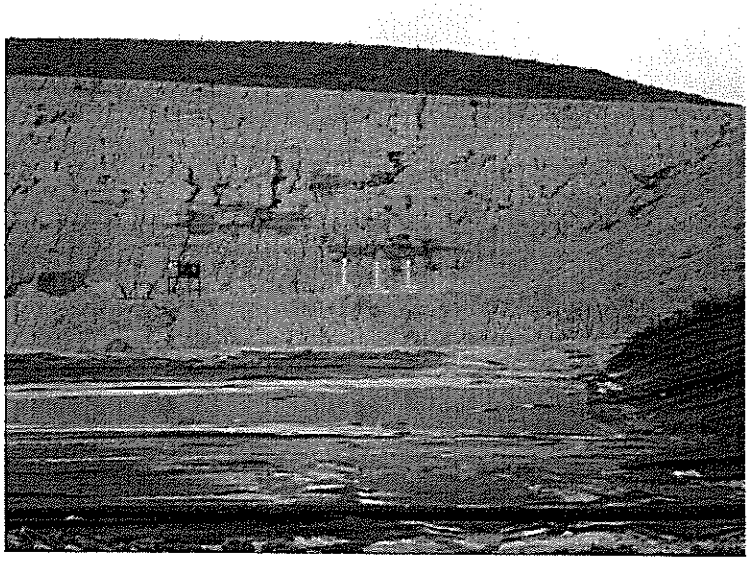
DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: Southwest
PHOTO by: Dustin Burger
PHOTO FILE NAME:
0390055036-06102013-004.jpg
COMMENTS: Cell 5A looking east from toe of sidewall

Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-005.jpg
COMMENTS: Temporary monitoring wells south of 5A



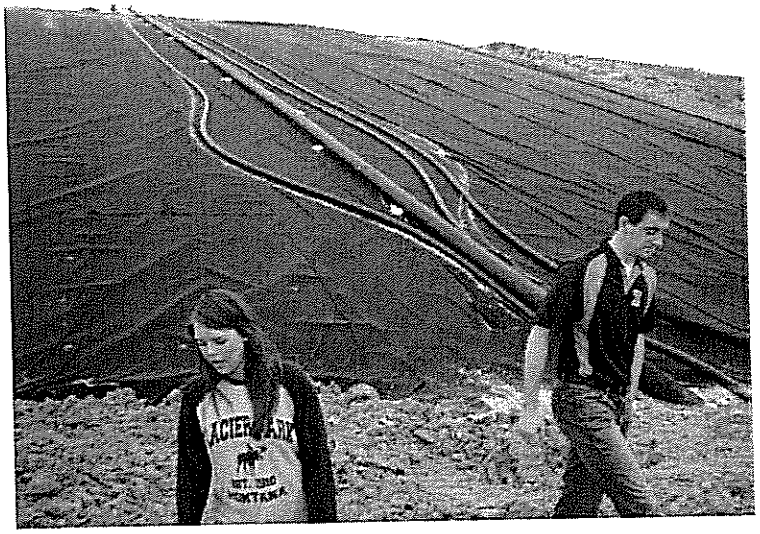
DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-006.jpg
COMMENTS: Temporary monitoring wells south of 5A

Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: west
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-007.jpg
COMMENTS: Leachate extraction lines on sidewall of cell 5A



DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-008.jpg
COMMENTS: Close-up of monitoring well cluster

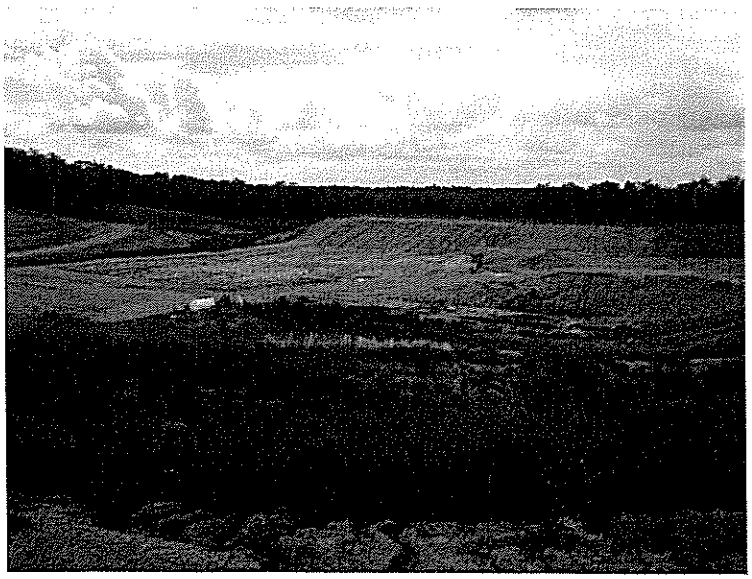
Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-009.jpg
COMMENTS: Chemical Waste Unit (CWU) overview shot

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-010.jpg
COMMENTS: CWU



Illinois Environmental Protection Agency
Bureau of Land

DIGITAL PHOTOGRAPHS

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

DATE: June 10, 2013
TIME: 10:15AM-11:20AM
DIRECTION: South
PHOTO by: Dustin Burger
PHOTO FILENAME:
0390055036~06102013-011.jpg
COMMENTS: CWU. Note protective plastic layer to divert stormwater from entering leachate system on unused portion of CWU.

Clinton Landfill, Inc.
Leachate Management Summary
Annual 2013
(Gallons)

BNWRD = Bloomington Normal Water Reclimation Department, Heyworth IL
PDC1 = Peoria Disposal Companies, PDC1 Facilty, Peoria IL

Clinton Landfill No. 3 MSW Leachate Storage Tank 35,000 Gallon		Clinton Landfill No. 3 MSW Leachate Recirculated Storage Tank Not Applicable		Clinton Landfill No. 3 MSW Leachate Storage Tank 35,000 Gallon		Clinton Landfill No. 3 CWU Leachate Storage Tank 35,000 Gallon	
Date	***CLI #3 MSW Solidified On site***	***Date***	***CLI #3 MSW Recirculated On Site***	***Date***	***CLI #3 MSW Hauled Off Site (BNWRD)***	***Date***	***CLI #3 CWU Hauled Off Site (PDC1)***
Total	**787,500**	**Total**	**0**	**Total**	**465,000**	**Total**	**320,000**

Grand Total
1,572,500

Updated 7/2/2013

SOURCE MATERIAL TO CWU

Account	Approval Date	Waste	Tons	Landfill	Status
66-2	3/31/2011	Ameren Quincy Source	2,042.00	CWU	Completed
66-3	6/15/2011	Ameren Mattoon Source Material	16,092.71	CWU	Completed
66-6	9/8/2011	ComEd Dixon Source Material	109.80	CWU	Completed
66-8	10/17/2011	Ameren Clinton Source Material	2,295.95	CWU	Completed
66-7	10/17/2011	Ameren Clinton Demo Debris Source	92.60	CWU	Completed
66-9	11/28/2011	ComEd Lockport Source Material	2,586.28	CWU	Completed
66-12	1/14/2013	ComEd Rockford Source Material	1,497.48	CWU	On-going
66-16	3/26/2013	ComEd DuQuoin Source Material	1,428.88	CWU	On-going

PEORIA DISPOSAL COMPANY
RECEIVED ON: 4-1-11
BY: [illegible]
PERMIT SPECIALIST
DISPOSAL FACILITY: CWU only
FORMER PERMIT #: n/a

FOR OFFICE USE
Permit# 66-002
Poll. Control: (Y) N
Sales I.D.# _____
New or Existing Cust.
Cert Permit # _____

****CWU****

Non-Special Waste Certification

Generator: AMEREN SERVICES

Address: 800 JERSEY STREET

City,St,Zip: QUINCY, IL 62301

Waste Name: MGP REMEDIATION WASTE

Invoicing Contact: DON RICHARDSON Company: AMEREN SERVICES

Address: PO BOX 66149 City,St,Zip: ST. LOUIS, MO Phone#: 314-554-4867

22.48 a. This is to certify that the industrial process waste or pollution control waste described herein is outside the scope of categories listed in subdivision (1) of subsection (c) of Section 3.475 (renumbered 6-26-2002) of the Illinois Environmental Protection Act. Specifically, the subject waste:

(X) Is not hazardous
(X) Is not a liquid
(X) Is not a regulated asbestos-containing material
(X) Does not contain PCBs regulated in accordance with 40 Code of Federal Regulations, Part 761
(X) Is not formerly hazardous waste rendered non-hazardous and is not subject to the waste analysis and recordkeeping requirements of Section 728.107 of Title 35 of the Illinois Administrative Code under the land disposal restrictions of Part 728
(X) Does not result from shredding recyclable metals and is not required to be managed as a special waste under Section 22.29 of the Act

Section 22.48 further provides that each of the following items is required for determination that the waste is not a special waste and must be responded to:

22.48 b. 1. The means by which the generator has determined that the waste is not a hazardous waste. (Check where appropriate)

( ) A review of Illinois Title 35, Section 721, Identification and Listing of Hazardous Waste.
( ) Analysis of the waste. (Attached)
(X) Knowledge of the waste.
( ) MSDS (Attached)
( ) Other: _____

22.48 b. 2. The means by which the generator has determined that the waste is not a liquid. (Check where appropriate).

(X) Is not a liquid, as determined using the paint filter test set forth in subdivision (3) (A) of subsection (m) of Section 811.107 of Title 35 of the Illinois Administrative Code.
( ) Is a liquid, as determined using the paint filter test set forth in subdivision (3) (A) of subsection (m) of Section 811.107 of Title 35 of the Illinois Administrative Code.

22.48 b. 3. If the waste undergoes testing, the analytical results obtained from testing, signed and dated by the person responsible for completing the analysis.

(X) The waste has undergone testing and the analysis is attached.
( ) The waste has not undergone testing.

22.48 b. 4. If the waste does not undergo full characterization testing, an explanation as to why no testing, or only partial characterization testing, is needed.

(X) Knowledge of the waste.
( ) Material Safety Data Sheets.
( ) Other (provide explanation): _____

22.48 b. 5. A description of the process generating the waste. (Please respond in detail) _____

Manufactured gas plant site remediation of process residuals and contaminated soil and debris.

22.48 b. 6. Relevant Material Safety Data Sheets (Must attach, if available):

Other: _____

Will this waste be commingled with any other waste? ☐ Yes ☒ No

If yes, specify with what waste it will be commingled: _____ Container ID # _____

Annual Volume: 10,000 cu. yds. Type (i.e. roll-offs, drums) dump trailers

Disposal Frequency: ☒ One-time project ☐ On-going

The signatures transmitted by facsimile machine shall be treated in all manner and respects as an ORIGINAL document and shall be considered to have the same binding legal effect as an ORIGINAL document. I hereby agree that I shall not raise as a defense to the formation of this Non-special Waste Certification Form the fact that the signature was transmitted through the use of a facsimile machine.

I certify under penalty of law that I personally have examined this certification and am familiar with the waste through analysis and testing or through knowledge of the process to support this certification. I believe that the information submitted is true, accurate, and complete. I understand that a person who knowingly and falsely certifies that a waste is not special waste is subject to the penalties in subdivision (6) of subsection (h) of Section 44 of the Illinois Environmental Protection Act.

Signature David Pluhar

Name David Pluhar

Title Principal

Date 3/31/2011

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Clinton Landfill
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 03/29/11 8:55
Report Date: 04/01/11
Customer #: 280105

Sample No: **1032785-01**
Sample Description: **AMEREN MGP SAMPLE**

Collect Date: **03/28/11 16:30**
Matrix: **Solid Grab**

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - PIA					
Cyanide - reactive	< 1.5 mg/kg	R	03/30/11 15:25	TTH	SW 9010B - 9012A - 7.3.3.2
Flashpoint closed	>200 °F		03/31/11 09:55	WRW	SW 1010 - ASTM D93-80
Paint Filter	Pass		03/29/11 15:17	WRW	SW 9095A
pH	8.62 pH Units		04/01/11 08:21	WRW	SW 9045C
Solids - total solids (TS)	78 %		03/30/11 11:19	BRS	SM 2540G 18Ed
Reactive Sulfide	< 20 mg/kg		04/01/11 11:30	JRL2	SW 9034 & 7.3.4.1

#66-2

1032785

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9533 • (800) 732-6651 • FAX (309) 692-9689

ACCREDITED IN ACCORDANCE WITH nelac

Clinton Landfill
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 03/29/11 8:55
Report Date: 04/01/11
Customer #: 280105

Notes

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing

R MSMSD Failed RPD

Lisa Y. Grant

Certified by: Lisa Y. Grant, Project Manager

1032785

PDC LABORATORIES, INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 309-692-9688
FAX # 309-692-9689

CHAIN OF CUSTODY RECORD

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 [redacted]

PROJECT NUMBER	P.O. NUMBER	MEANS SHIPPED
PHONE NUMBER	FAX NUMBER	DATE SHIPPED

MATRIX TYPES: WW-WASTEWATER, PW-DRINKING WATER, GW-GROUNDWATER, WW-SLUDGE, NAS-SOLID, OTHER:

3 [redacted]

4 (FOR LAB USE ONLY)
LOGIN #: 1032785-1
LOGGED BY: MP
LAB PROJ #:
TEMPLATE:
PROJ. MGR.:

5 [redacted]

						Paint Chip	Flash	PH	Reactive S	Reactive CN			REMARKS
MGP Sample Quincy	3-28	4:30P				/	/	/	/	/			

6 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) NORMAL RUSH DATE RESULTS NEEDED
RUSH RESULTS VIA (PLEASE CIRCLE) FAX 30 PHONE
FAX # IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:

8 The sample temperature will be measured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature.

7 [redacted]
(RELINQUISHED BY SIGNATURE) DATE TIME
RECEIVED BY: (SIGNATURE) DATE 3/28 TIME
RECEIVED AT LAB BY: (SIGNATURE) DATE 3/28/11 TIME 8:55

9 COMMENTS: (FOR LAB USE ONLY)
SAMPLE TEMPERATURE UPON RECEIPT 8 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) Y OR N

Copies: white & canary should accompany samples to PDC Labs. Pink copy to be retained by the client.

PAGE ____ OF ____

PEORIA DISPOSAL COMPANY
RECEIVED ON: 6-15-11
BY: [illegible]
PERMIT SPECIALIST
DISPOSAL FACILITY: Grill only
FORMER PERMIT #: n/a

****CWU****

Non-Special Waste Certification

FOR OFFICE USE
Permit# 60-003
Poll. Control: (Y) N
Sales I.D.# 9723
New or Existing Cust.
Cert Permit # _____

Generator Ameren CIPS

Address 212 North 14th Street, Mattoon, IL 61938

City,St,Zip Mattoon, IL 61938

Waste Name MGP Remediation Waste

Invoicing Contact Don Richardson Company Ameren Services

Address One Ameren Plaza, 1901 Chouteau Ave, PO Box 66149
City,St,Zip St. Louis, MO 63166-66149 Phone# (314) 554-4867

22.48 a. This is to certify that the industrial process waste or pollution control waste described herein is outside the scope of categories listed in subdivision (1) of subsection (c) of Section 3.475 (renumbered 6-26-2002) of the Illinois Environmental Protection Act. Specifically, the subject waste:

(X) Is not hazardous
(X) Is not a liquid
(X) Is not a regulated asbestos-containing material
(X) Does not contain PCBs regulated in accordance with 40 Code of Federal Regulations, Part 761
(X) Is not formerly hazardous waste rendered non-hazardous and is not subject to the waste analysis and recordkeeping requirements of Section 728.107 of Title 35 of the Illinois Administrative Code under the land disposal restrictions of Part 728
(X) Does not result from shredding recyclable metals and is not required to be managed as a special waste under Section 22.29 of the Act

Section 22.48 further provides that each of the following items is required for determination that the waste is not a special waste and must be responded to:

22.48 b. 1. The means by which the generator has determined that the waste is not a hazardous waste. (Check where appropriate)

(X) A review of Illinois Title 35, Section 721, Identification and Listing of Hazardous Waste.
( ) Analysis of the waste. (Attached)
(X) Knowledge of the waste.
( ) MSDS (Attached)
( ) Other: _____

22.48 b. 2. The means by which the generator has determined that the waste is not a liquid. (Check where appropriate).

(X) Is not a liquid, ~~as determined using the paint filter test set forth in subdivision (3) (A) of subsection (m) of Section 811.107 of Title 35 of the Illinois Administrative Code.~~
( ) Is a liquid, as determined using the paint filter test set forth in subdivision (3) (A) of subsection (m) of Section 811.107 of Title 35 of the Illinois Administrative Code.

22.48 b. 3. If the waste undergoes testing, the analytical results obtained from testing, signed and dated by the person responsible for completing the analysis.

( ) The waste has undergone testing and the analysis is attached.
(X) The waste has not undergone testing.

22.48 b. 4. If the waste does not undergo full characterization testing, an explanation as to why no testing, or only partial characterization testing, is needed.

(X) Knowledge of the waste.
( ) Material Safety Data Sheets.
( ) Other (provide explanation): _____

_____

22.48 b. 5. A description of the process generating the waste. (Please respond in detail) _____

Remediation of Former Manufactured Gas Plant

_____

_____

22.48 b. 6. Relevant Material Safety Data Sheets (Must attach, if available):

Other: _____

_____

Will this waste be commingled with any other waste? ☐ **Yes** ☒ **No**

If yes, specify with what waste it will be commingled: _____ **Container ID #** _____

Annual Volume: 5,000 **Type (i.e. roll-offs, drums)** trailers

Disposal Frequency: ☒ **One-time project** ☐ **On-going**

The signatures transmitted by facsimile machine shall be treated in all manner and respects as an ORIGINAL document and shall be considered to have the same binding legal effect as an ORIGINAL document. I hereby agree that I shall not raise as a defense to the formation of this Non-special Waste Certification Form the fact that the signature was transmitted through the use of a facsimile machine.

I certify under penalty of law that I personally have examined this certification and am familiar with the waste through analysis and testing or through knowledge of the process to support this certification. I believe that the information submitted is true, accurate, and complete. I understand that a person who knowingly and falsely certifies that a waste is not special waste is subject to the penalties in subdivision (6) of subsection (h) of Section 44 of the Illinois Environmental Protection Act.

Signature _____

Name Brad Rucker

Title Project Manager

Date 03-08-2011

Clinton Landfill
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 06/11/11 10:00
Report Date: 06/14/11
Customer #: 280105

Sample No: 1061250-01
Sample Description: MGP-WC2
Ameren - Mattoon -

Collect Date: 06/10/11 10:30
Matrix: Solid Composite

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - PIA					
Flashpoint closed	>200 °F		06/14/11 12:06	WRW	SW 1010 - ASTM D93-80

#66-3

1061250

PDC Laboratories, Inc.

Clinton Landfill
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 06/11/11 10:00
Report Date: 06/14/11
Customer #: 280105

Notes

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing

Lisa Y. Grant

Certified by: Lisa Y. Grant, Project Manager

1061250

PDC LABORATORIES/ INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 800-752-6651
FAX # 309-692-9689

State where samples collected _____

CHAIN OF CUSTODY RECORD

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT) - (SAMPLE ACCEPTANCE POLICY ON REVERSE)

1. COMPANY: EBI
ADDRESS: 1530 S 2nd St
CITY, STATE, ZIP: Springfield, IL 62704
PROJECT NAME: MGP Site
PROJECT NUMBER: 2373R
PHONE NUMBER: 314 258 2048
FAX NUMBER:
P.O. NUMBER: Ameren
MEANS SHIPPED: Fedex
DATE SHIPPED: 6-10-11
SAMPLER: Chris Bennett
MATRIX TYPES: WW-WASTEWATER, DW-DRINKING WATER, GW-GROUNDWATER, WW-FLUIDIC, SOIL-SOIL, LIQUID-LIQUID, OTHER:

3. ANALYSIS REQUESTED: Flash Pt

4. (FOR LAB USE ONLY)
LOGIN #: 1061250-09
LOGGED BY: CMS
LAB PROJ. #:
TEMPLATE:
PROJ. MGR.:

2.

SAMPLE IDENTIFICATION	DATE	TIME		MATRIX	CONTAINER	#	Flash Pt							REMARKS
MGP - WC 2	6-10-11	10:30		X	NAS	1	X							
MGP - WC 3	6-10-11	10:40		X	NAS	1	X							Hold for WC2 results

5. TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH
(RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
DATE RESULTS NEEDED: 6-13-11
RUSH RESULTS VIA (PLEASE CIRCLE) FAX
PHONE 314 258 2048 E-MAIL
FAX # PHONE # EMAIL ADDRESS

6. The sample temperature will be measured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7. RELINQUISHED BY: (SIGNATURE) DATE TIME
RECEIVED BY: (SIGNATURE) DATE TIME
RELINQUISHED BY: (SIGNATURE) DATE TIME
RECEIVED BY: (SIGNATURE) DATE TIME
RELINQUISHED BY: (SIGNATURE) DATE TIME
RECEIVED AT LAB BY: (SIGNATURE) Carlin Bennett DATE 6/11/11 TIME 10:50

8. COMMENTS: (FOR LAB USE ONLY)
SAMPLE TEMPERATURE UPON RECEIPT 4 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) Y OR N
(EXCLUDES TYPICAL FIELD PARAMETERS)
DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____

Copies: white should accompany samples to PDC Labs. Yellow copy to be retained by the client.

PAGE ____ OF ____

PDC Laboratories, Inc.
[illegible]

Clinton Landfill
4349 Southport Rd
Peoria, IL 61615
Attn: Jenny Hinton

Date Received: 05/20/11 9:50
Report Date: 06/02/11
Customer #: 280105

Sample No: **1052206-01**
Sample Description: **MGP-WC**
Ameren - Mattoon -

Collect Date: **05/18/11 14:00**
Matrix: **Solid Composite**

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - PIA					
Cyanide - reactive	< 1.9 mg/kg		05/24/11 16:21	TTH	SW 9010B - 9012A - 7.3.3.2
Flashpoint closed	78 °F		05/26/11 13:08	WRW	SW 1010 - ASTM D93-80
Paint Filter	Pass		05/24/11 11:27	WRW	SW 9095A
pH	12.0 pH Units	H	05/26/11 13:58	WRW	SW 9045C
Reactive Sulfide	< 20 mg/kg		05/23/11 09:58	PLI	SW 9034 & 7.3.4.1
Solids - total solids (TS)	76 %		05/23/11 16:20	BRS	SM 2540G 18Ed

1052206

PDC Laboratories, Inc.
[illegible]

Clinton Landfill
4349 Southport Rd
Peoria, IL 61615
Attn: Janny Hinton

Date Received: 05/20/11 9:50
Report Date: 06/02/11
Customer #: 280105

Notes

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Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing

H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Lisa Y. Grant

Certified by: Lisa Y. Grant, Project Manager

1052206

CHAIN OF CUSTODY RECORD

PDC LABORATORIES, INC.
2231 WEST ALTORFER DRIVE
PEORIA, IL 61615

PHONE # 800-752-6651
FAX # 309-692-9689

State where samples collected _____

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT) - (SAMPLE ACCEPTANCE POLICY ON REVERSE)

(1) CLIENT: EQ2
ADDRESS: 1530 S. 2nd St
CITY, STATE, ZIP: Springfield MO 62704
SAMPLER: Jeff Roth

PROJECT NUMBER: 2373R
P.O. NUMBER: Ameren
MEANS SHIPPED:
PHONE NUMBER: 314 252 2048
FAX NUMBER:
DATE SHIPPED:

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WW-SLUDGE
NAS-SOLID
LCHT-LEACHATE
OTHER: NAS

(4) ANALYSIS REQUESTED

(4) (FOR LAB USE ONLY)
LOGIN # 115 2261
LOGGED BY:
LAB PROJ. #:
TEMPLATE:
PROJ. MGR.:

(2)

													REMARKS
MGP - WC	5-13-11	1400		X			X	X	X	X	X		

(5) TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH
(RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
RUSH RESULTS VIA (PLEASE CIRCLE) FAX PHONE E-MAIL
FAX # PHONE # EMAIL ADDRESS
DATE RESULTS NEEDED:

(6) The sample temperature will be remeasured upon receipt at the lab. By initialing this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

(7)
RELINQUISHED BY: (SIGNATURE) DATE 5-13-11 TIME 1500 RECEIVED BY: (SIGNATURE) DATE TIME
RELINQUISHED BY: (SIGNATURE) DATE TIME RECEIVED BY: (SIGNATURE) DATE TIME
RELINQUISHED BY: (SIGNATURE) DATE TIME RECEIVED AT LAB BY: (SIGNATURE) DATE 5/13/11 TIME 1500

(8) COMMENTS: (FOR LAB USE ONLY)
SAMPLE TEMPERATURE UPON RECEIPT 12 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) Y OR N
(EXCLUDES TYPICAL FIELD PARAMETERS)
DATE AND TIME TAKEN FROM SAMPLE BOTTLE _____

PAGE ____ OF ____

Copies: white should accompany samples to PDC Labs. Yellow copy to be retained by the client.

PEORIA DISPOSAL COMPANY
RECEIVED ON: 9-8-11
BY: Jenny Stanton
PERMIT SPECIALIST
DISPOSAL FACILITY: CWU
FORMER PERMIT #: n/a

Billing # 08-36696

FOR OFFICE USE
Permit# 66-06 66-07
Poll. Control: (Y) N
Sales I.D.# 9416
New or Existing Cust.
Cert Permit # _____

****CWU****

Non-Special Waste Certification

Generator Commonwealth Edison Co. Dixon 2nd St. Former MGP

Address 321 W. 2nd St.

City,St,Zip Dixon, Lee County, Illinois 61021

Waste Name Dixon 2nd St. non-special waste (soil, source material + debris) 9/7/11

Invoicing Contact Ann H. Collins Company RW Collins

Address 7225 W. 66th Street City,St,Zip Chicago, IL 60638 Phone# 708.458.6868

22.48 a. This is to certify that the industrial process waste or pollution control waste described herein is outside the scope of categories listed in subdivision (1) of subsection (c) of Section 3.475 (renumbered 6-26-2002) of the Illinois Environmental Protection Act. Specifically, the subject waste:

(x) Is not hazardous
(x) Is not a liquid
(x) Is not a regulated asbestos-containing material
(x) Does not contain PCBs regulated in accordance with 40 Code of Federal Regulations, Part 761
(x) Is not formerly hazardous waste rendered non-hazardous and is not subject to the waste analysis and recordkeeping requirements of Section 728.107 of Title 35 of the Illinois Administrative Code under the land disposal restrictions of Part 728
(x) Does not result from shredding recyclable metals and is not required to be managed as a special waste under Section 22.29 of the Act

Section 22.48 further provides that each of the following items is required for determination that the waste is not a special waste and must be responded to:

22.48 b. 1. The means by which the generator has determined that the waste is not a hazardous waste. (Check where appropriate)

(x) A review of Illinois Title 35, Section 721, Identification and Listing of Hazardous Waste.
(x) Analysis of the waste. (Attached)
(x) Knowledge of the waste.
( ) MSDS (Attached)
( ) Other: _____

22.48 b. 2. The means by which the generator has determined that the waste is not a liquid. (Check where appropriate).

(x) Is not a liquid, as determined using the paint filter test set forth in subdivision (3) (A) of subsection (m) of Section 811.107 of Title 35 of the Illinois Administrative Code.
( ) Is a liquid, as determined using the paint filter test set forth in subdivision (3) (A) of subsection (m) of Section 811.107 of Title 35 of the Illinois Administrative Code.

22.48 b. 3. If the waste undergoes testing, the analytical results obtained from testing, signed and dated by the person responsible for completing the analysis.

(x) The waste has undergone testing and the analysis is attached.
( ) The waste has not undergone testing.

22.48 b. 4. If the waste does not undergo full characterization testing, an explanation as to why no testing, or only partial characterization testing, is needed.

(X) Knowledge of the waste.
(_) Material Safety Data Sheets.
(X) Other (provide explanation): Further analysis of waste conducted by PDC.

22.48 b. 5. A description of the process generating the waste. (Please respond in detail)

Environmental remediation of a former manufactured gas plant located in Dixon, Illinois.

22.48 b. 6. Relevant Material Safety Data Sheets (Must attach, if available):

Other:

Will this waste be commingled with any other waste? ☐ Yes ☒ No

If yes, specify with what waste it will be commingled: _____ Container ID # _____

Annual Volume: 200 Tons Type (i.e. roll-offs, drums) Dumptrucks

Disposal Frequency: ☒ One-time project ☐ On-going

The signatures transmitted by facsimile machine shall be treated in all manner and respects as an ORIGINAL document and shall be considered to have the same binding legal effect as an ORIGINAL document. I hereby agree that I shall not raise as a defense to the formation of this Non-special Waste Certification Form the fact that the signature was transmitted through the use of a facsimile machine.

I certify under penalty of law that I personally have examined this certification and am familiar with the waste through analysis and testing or through knowledge of the process to support this certification. I believe that the information submitted is true, accurate, and complete. I understand that a person who knowingly and falsely certifies that a waste is not special waste is subject to the penalties in subdivision (6) of subsection (h) of Section 44 of the Illinois Environmental Protection Act.

Signature Gail E MacMillan

Name Ms. Gail MacMillan

Title Sr. Remediation Project Manager

Date September 1, 2011

PDC Laboratories, Inc.
P.O. Box 9071 • Peoria, IL 61612-9071
(309) 692-9688 • (800) 752-6651 • FAX (309) 697-8769

Stantec
446 Eisenhower Lane North
Lombard, IL 60148
Attn: Jonathan Pugh

Date Received: 08/27/11 9:45
Report Date: 09/02/11
Customer #: 263776

Sample No: 1083300-01
Sample Description: TX-AC11-645-B00-0
DIXON 2ND ST. MGP -

Collect Date: 08/26/11 13:00
Matrix: Solid Grab

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - PIA					
Cyanide - reactive	< 2.6 mg/kg dry		09/02/11 11:50	lgtth	SW 9010B - 9012A - 7.3.3.2
Flashpoint closed	>200 °F		09/01/11 12:35	WRW	SW 1010 - ASTM D93-80
Paint Filter	Pass		08/30/11 07:38	WRW	SW 9095A
pH	8.39 pH Units	H	08/30/11 08:06	WRW	SW 9045C
Reactive Sulfide	< 26 mg/kg dry		08/30/11 10:30	TAS	SW 9034 & 7.3.4.1
Solids - total solids (TS)	78 %		08/30/11 07:36	BNS	SM 2540G 18Ed

#166-6
66-07

1083300

PDC Laboratories, Inc.
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Stantec
446 Eisenhower Lane North
Lombard, IL 60148
Attn: Jonathan Pugh

Date Received: 08/27/11 9:45
Report Date: 09/02/11
Customer #: 263776

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)

SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program

STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS EPA Lab No. E-10389

H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Erin M Lane

Certified by: Erin M. Lane For Kurt C. Stepping, Senior Project Manager

1083300

1083300-1/P

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

№: 839248 Page: 1 of 1

Company: STANTEC
Project Number: 1826 02411 Client Tracking No.:
Project Name: DIXON 2ND ST MGP
Project Location: DIXON, IL
Sampler(s): JONATHAN PUGH
Report To: JONATHAN PUGH Phone: 630.995.5100
Steph Hendricks, Darryl Willery Fax:
QC Level: 1 2 3 4 e-mail:

P.O. No.:
Quote No.:

Turn Around:
Results Needed: ASAP

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	PVC PROFILING	Remarks
TX-AC11-645-B00-0	8/26/11	1300	S		X	A	4	X	

Relinquished by: (Signature) [signature] Date/Time: 8/26/11 17:00
Received by: (Signature) FEDEX 8746 8947 2560 Date/Time: 8/26/11
Relinquished by: (Signature) 7974 5567 0804 Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) [signature] Date/Time: 8/27/11 9:45

Comments: FOR PROFILE OF "MGP WASTE FROM DIXON MGP"

Preservation Code: A = None B = HNO_3 C = NaOH D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

PDC Laboratories, Inc.

Union Electric Co. D/B/A Ameren Missouri
1901 Chouteau Ave
St. Louis, MO 63103
Attn: Charles Klumb

Date Received: 10/05/11 14:44
Report Date: 10/12/11
Customer #: 276174
PO#: 556444

Sample No: **1100851-01**
Sample Description: **S-1 (8-8.5')**

Collect Date: **10/04/11 10:45**
Matrix: **Solid**

Parameters	Result		Qual	Analysis Date	Analyst	Method
General Chemistry - PIA						
Cyanide - reactive	< 2.0	mg/kg		10/11/11 11:38	lgtth	SW 9010B - 9012A - 7.3.3.2
Flashpoint closed	>200	°F		10/10/11 11:42	WRW	SW 1010 - ASTM D93-80
Paint Filter	Pass			10/10/11 08:12	WRW	SW 9095A
pH	8.54	pH Units	H	10/10/11 08:40	WRW	SW 9045C
Reactive Sulfide	37	mg/kg		10/10/11 11:00	TAS	SW 9034 & 7.3.4.1
Solids - total solids (TS)	65	%		10/10/11 08:20	BNS	SM 2540G 18Ed

#66-7