DATES SET:

**WEDNESDAY, November 19, 2014 @ 8:00 a.m.**
REGULAR COMMITTEE MEETING – To be held at the Lester D. Bergsten Operations & Maintenance Building, 3505 N. Dries Lane, Peoria Illinois 61604.

**WEDNESDAY, December 17, 2014 @ 8:00 a.m.**
REGULAR COMMITTEE MEETING – To be held at the Lester D. Bergsten Operations & Maintenance Building, 3505 N. Dries Lane, Peoria Illinois 61604.

**WEDNESDAY, January 21, 2015 @ 8:00 a.m.**
REGULAR COMMITTEE MEETING – To be held at the Lester D. Bergsten Operations & Maintenance Building, 3505 N. Dries Lane, Peoria Illinois 61604.

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**To access electronic Agenda & Minutes (only):**

1. [www.peoriagov.org](http://www.peoriagov.org)
2. Click “Boards/Commissions” tab @ the top
3. Choose Solid Waste Disposal Committee (Landfill)
4. Scroll to the bottom of the screen. Under “Agenda & Minutes” will be a list of the .pdf postings.
5. Select desired document and double click to open.

*CITIZENS WISHING TO ADDRESS AN ITEM NOT ON THE AGENDA SHOULD CONTACT A COMMITTEE MEMBER PRIOR TO THE MEETING. ALL OTHER PUBLIC INPUT WILL BE HEARD UNDER PUBLIC COMMENT AT THE BEGINNING OF THE COMMITTEE MEETING.

NOTE: THE ORDER IN WHICH AGENDA ITEMS ARE CONSIDERED MAY BE MOVED FORWARD OR DELAYED BY AT LEAST 2/3 VOTE OF THE COMMITTEE MEMBERS PRESENT.

THE PEORIA CITY/COUNTY LANDFILL COMMITTEE MEETS IN REGULAR BUSINESS SESSIONS THE THIRD WEDNESDAY OF THE MONTH (JANUARY THROUGH NOVEMBER) AT 8:30 A.M. AT LESTER D. BERGSTEN OPERATIONS & MAINTENANCE FACILITY CONFERENCE ROOM, 3505 N. DRIES LANE, PEORIA, ILLINOIS.

DURING THE MONTH OF DECEMBER, PEORIA CITY/COUNTY LANDFILL COMMITTEE WILL NOT MEET UNLESS A SPECIAL MEETING IS CALLED. NOTICES OF ANY SPECIAL MEETING ARE POSTED AT LEAST 48 HOURS PRIOR.
Peoria City/County Landfill Committee Meeting
Dries Lane Facility Conference Room

October 15, 2014 @8:00 A.M.

Attendance

Announcements, etc.

Citizens’ Opportunity to Address the Committee

Minutes

Request for Approval of the Peoria City/County Landfill Minutes
Dated: September 17, 2014

Agenda Items

Item No. 1 Report From Foth Infrastructure & Environment, LLC
   A. Special Waste Approvals As Needed
   B. Permit Approvals As Needed
   C. Updates Regarding Compliance Activities, Measures & Progress

Item No. 2 Consideration of the Proposed Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill No. 2

Item No. 3 Landfill Monthly Budget Report

Item No. 4 Report From Waste Management, Inc.
   A. Monthly Activity Report
   B. Permit Approvals As Needed

Item No. 5 Report From Peoria Disposal Co.
   A. Presentation From CBI Regarding Vicary Bottoms Wetland Mitigation Permit Application

Unfinished Business

New Business

Next Meeting: November 19, 2014

Executive Session

Adjournment
Peoria, Illinois, September 17, 2014, a Regular Meeting of the Peoria City/County Landfill Committee was held this date at 8:04 a.m., at the Lester D. Bergsten Operations & Maintenance Facility located at 3505 N. Dries Lane, Peoria, Illinois, with Chairman Lester D. Bergsten presiding.

**ATTENDANCE**

**MEMBERS PRESENT:** Chairman Les Bergsten, Steve Morris, Lynn Scott-Pearson, Tim Riggenbach and Steve Van Winkle – 5.

**MEMBERS ABSENT:** Rick Fox and Ryan Spain – 2.

**CITY/COUNTY STAFF PRESENT:** Steve Giebelhausen, Karen Raithel and Stephanie Stapleton.

**OTHERS PRESENT:** Joyce Blumenshine, Chris Coulter, Josh Gabehart, Steve Harenburg, Steve Matheny, and Mike Wiersema.

**ANNOUNCEMENTS**

**BRADLEY CONTINUING EDUCATION GROUP TO VISIT LANDFILL**

Chairman Bergsten announced the continuing education group from Bradley University would tour PDC and the Landfill on September 22nd. He said 20 people were signed up to take the tour. He said that it was good to have the community interested in the Landfill.

**CITIZENS OPPORTUNITY TO ADDRESS THE COMMITTEE**

**NONE.**

**MINUTES**

Ms. Scott-Pearson moved to approve the minutes for August 20, 2014, as written; seconded by Mr. Van Winkle.

Approved by viva voce vote.
**AGENDA ITEMS**

**ITEM NO. 1: REPORT FROM FOTh INFRASTRUCTURE & ENVIRONMENT, LLC**

(A) **SPECIAL WASTE APPROVALS AS NEEDED**

Mr. Gabehart stated that there was (1) one non-special waste profile #610915IL from Koch Nitrogen Co., Inc. that required Committee approval and (3) three pre-approved, non-special waste profiles. He said the non-special waste profile from Koch Nitrogen Co., Inc. for sand blast grit required Committee approval. The two (2) pre-approved profiles were approved under the Committee’s asbestos-containing material policy and one (1) was pre-approved per the Committee’s Petroleum Contaminated Soil and Debris Policy. Foth had no technical objections and recommended approval of the non-special waste profile, he said.

Mr. Morris moved to approve the non-special waste profile #610915IL from Koch Nitrogen Co., Inc. and to receive and file the (3) three pre-approved non-special waste profiles; seconded by Mr. Riggenbach.

Approved by viva voce vote.

(B) **PERMIT APPROVALS AS NEEDED**

Mr. Gabehart stated that he did not anticipate any other permit requests, but respectfully requested approval to obtain Chairman Bergsten’s signature, should the need arise for any other permit or notifications due prior to the next Committee meeting.

(C) **UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES & PROGRESS**

Mr. Gabehart informed the Committee that Foth had recently hired an Environmental Technician. He said this position had been working at the Landfill. He mentioned that there was a leak in one of the lines. He said the location had been identified and that the leak was contained. He said the flange was installed on the pipe in 2012, and he said the pipe was leaking around the flange. Since the leak was just discovered this week, he said that he would provide an update at the next meeting.

- **Financial Information**
  Mr. Gabehart stated that the attached spreadsheet reflected the engineering services provided from July 1, 2014 through August 31, 2014. He said the total amount billed for the month of August was $85,219.47, which included costs for construction observation, pump and other related material purchases.

- **Updates Regarding Compliance Activities, Measures and Progress**
  With regard to the construction, Mr. Gabehart stated that on July 23, 2014, there was one shutdown of the gas collection system. Since the last Committee meeting, he said there were no unscheduled shutdowns of the gas collection system.
Mr. Gabehart stated that Foth initiated the automated pump installation during the month of August and planned to complete the installation in September. He said that Foth would update the Committee on the progress at the next scheduled meeting.

Mr. Gabehart noted that Foth’s current expenses were up to 30% through their approved budget, because of front-end, construction-heavy purchases.

Mr. Morris moved to approve Foth’s report, as outlined, including securing Mr. Bergsten’s signature for permit applications; seconded by Mr. Riggenbach.

Approved by viva voce vote.

ITEM NO. 2  CONSIDERATION OF THE PROPOSED PROCEDURES FOR GENERAL REFUSE AND SPECIAL WASTE RECEIVED AT THE CITY OF PEORIA/COUNTY OF PEORIA LANDFILL NO. 2.

With regard to the proposed Procedures for General Refuse and Special Waste, Mr. Gabehart stated that there were some major changes to the procedures that would require the applicants to provide the Committee with a copy of the Generator’s Waste Profile Sheet, Consultant’s comments along with the appropriate SDS or analytical results. In the past, he said that Mr. Fox had expressed concern regarding this process. Since Mr. Fox could not attend the regular meeting today, he recommended that the item be deferred for one-month so that Mr. Fox could be included in the discussions. After reviewing the proposed changes, he said that the document needed to be tweaked and Foth would submit the final draft at the next scheduled meeting.

Mr. Van Winkle moved to defer the Proposed Procedures for General Refuse and Special Waste received at the City of Peoria/County of Peoria Landfill No. 2; seconded by Ms. Scott-Pearson.

Approved by viva voce vote.

ITEM NO. 3  LANDFILL MONTHLY BUDGET REPORT

Mr. Gabehart gave the report. He stated that the $106,496.68 rebate was transferred from the Landfill’s account to the City’s General Fund. These changes were reflected in the August report, he said.

Mr. Van Winkle moved to receive and file the Landfill Monthly Budget Report; seconded by Mr. Morris.

Approved by viva voce vote.

ITEM NO. 4  REPORT FROM WASTE MANAGEMENT, INC.

- Permit Approval Needed

Mr. Wiersema announced that Mr. Matheny had retired. He said that he and Mr. Erni would be making the monthly reports to the Committee.
Mr. Wiersema gave a brief overview of the monthly summary report, the profiled waste log and the year-over-year comparison chart for August 2014. In regards to the weekly random load checks, he said there were no issues to report. He said the following IEPA permit application forms required Mr. Bergsten’s signature: 1) Newly calculated chloride intrawell AGQS value for well G105 and 2) Alternate source demonstration for a dissolved chloride exceedance at Well G123 during the second quarter 2014 monitoring Event. He said the permit applications would be submitted to Foth for review prior to their submittal to the IEPA.

Mr. Wiersema stated that he did not anticipate any other permit requests, but respectfully requested approval to obtain Chairman Bergsten’s signature, should the need arise for any other permit or notifications due prior to the next Committee meeting.

In discussion with Ms. Raithel regarding the cleanup efforts due to the tornado in Washington, Illinois, Mr. Wiersema stated that the debris intake to the Landfill from this event had decreased.

Mr. Riggenbach moved to receive and file Waste Management’s report, as outlined, including securing Mr. Bergsten’s signature for permits, subject to review and approval in advance by Foth; seconded by Ms. Scott-Pearson.

Approved by viva voce vote

ITEM NO. 5 REPORT FROM PEORIA DISPOSAL

Mr. Coulter gave the report. He explained that he asked Mr. Rich Southorn with CBI to attend the Landfill Committee’s meeting on October 15th to provide a power point presentation about the Vicary Bottoms wetland mitigation project application that Mr. Southorn recently filed with the U.S. Army Corps of Engineers; since Mr. Coulter had to leave today’s meeting early to attend a public hearing in Springfield. Mr. Coulter also informed the Committee that CBI recently filed responses with the IEPA that address all of the draft denial points that it originally issued to PDC concerning the Peoria City/County Landfill No. 3 Facility and the Citizens Convenience Center. Mr. Coulter further stated that the IEPA has at least 90 days to now respond to PDC.

Mr. Coulter further informed the Committee that the Peoria Park District Board of Trustees approved CBI’s proposed wetland mitigation plan for its Vicary Bottoms site at its regularly scheduled meeting on August 27, 2014, and he reviewed with the Committee a letter that he received from Tim Cassidy, the Park District Board President, which approved the wetland mitigation plan to be filed with the U.S. Army Corps of Engineers.

Mr. Morris moved to receive and file PDC’s report; seconded by Ms. Scott-Pearson.

Approved by viva voce vote.

UNFINISHED BUSINESS

Landfill Committee Term Limits of Members

In regards to the Committee Term Limits, Mr. Giebelhausen stated that he reviewed the Intergovernmental Agreement and it was determined that the term limits were unspecified for County representatives and the Chairman; however, he was not certain on the term limits for the City Council representatives. He explained
that the Chairman was jointly appointed by the Mayor with the approval of the City Council and by the County Board Chairman with the approval of the County Board.

**NEXT MEETING**

Chairman Bergsten stated the next regularly scheduled meeting would be held at 8:00 a.m. on Wednesday, **October 15, 2014**, at the Lester D. Bergsten Operations & Maintenance Facility, 3505 N. Dries Lane, Peoria, Illinois.

**NEW BUSINESS**

NONE.

**ADJOURNMENT**

Ms. Scott-Pearson moved to adjourn the regular Peoria City/County Landfill Committee Meeting; seconded by Mr. Morris.

Approved by viva voce vote.

There being no further discussion the meeting adjourned at 8:25 a.m.

________________________
Lester D. Bergsten, Chairman

/ss
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Joshua Gabehart, P.E., Foth

AGENDA DATE REQUESTED: October 15, 2014

ACTION REQUESTED: Committee approval required for non-special waste profile 611187IL, Powerton Generating Station and five (5) year renewal of previously approved waste profile WM10289 ARTCO Fleeting Service. Receive and file two (2) pre-approved non-special waste profiles.

BACKGROUND: The non-special waste profiles requiring committee approval are from Powerton Generating Station for Biodegradable Rail Curve Crease and renewal of profile for barge scrapings from ARTCO Fleeting Services. The pre-approved waste profiles were approved per the Committee’s Asbestos Containing Material Policy.

A memorandum is attached, which reviews all the profiles.

FINANCIAL IMPACT: N/A
MEMORANDUM

TO: Joint City of Peoria - County of Peoria
   Solid Waste Disposal Facility Board

FROM: Mark Williams

NUMBER: 14P100.14

DATE: October 15, 2014

SUBJECT: Special Waste Permits

Waste Management has presented the following waste stream.

Profiles for Approval (Action is Necessary):

1. Powerton Generating Station
   13082 East Manito Rd.
   Pekin, IL 61554
   Biodegradable Grease

   Application
   Dated: 09/29/2014
   Received: 09/29/2014
   Virgin product, ELM Tempflex 35-160 Rail Curve Grease, no longer used.

   Source: Tazewell County
   Type: Non-Special
   Profile # 611187IL
   Expected
   Quantity = 55 Gallons
   Frequency = One-Time

   Subject to County Fee = yes
   Last Tested =

Comments: This waste stream is certified by the generator as non-special waste based on MSDS Sheets. We have no technical objections to this waste stream. Action is required. Profile is attached.
2.

<table>
<thead>
<tr>
<th>ARTCO Fleeting Service</th>
<th>Barge Scrapings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot of Sanger</td>
<td></td>
</tr>
<tr>
<td>Peoria, IL 61607</td>
<td></td>
</tr>
</tbody>
</table>

**Application**

- Dated: 09/15/2014
- Received: 09/16/2014
- Cleaning out barges prior to re-shipment

**Source:** Peoria County  
**Type:** Non-Special  
**Profile #** WM. 010289

- **Expected**  
  - Quantity = 400 Tons  
  - Frequency = Repeat

**Subject to County Fee = yes**  
**Last Tested = 10/2/14**

Comments: This waste stream is certified by the generator as non-special waste based on laboratory analytical data. This is a renewal of an existing approved profile that needs recertified by the committee every five (5) years. We have no technical objections to this waste stream. Action is required. Profile is attached.

**Pre-Approved Waste Streams (No Action is Required)**

- Federal Aviation Administration, Hanna City, IL, Profile 610069IL, Asbestos Containing Material Policy, 15 yard, one-time.
- Keith Erickson, Peoria, IL, 611229IL, Asbestos Containing Material Policy, 100 gallons, one-time.

The profiles are attached.

Notes:
Committee approval does not relieve the Generator and Landfill Operator from complying with all applicable laws and regulations.
Requested Facility: Peoria City - County #2 Landfill

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Powerton Generating Station
2. Site Address: 13082 East Manito Rd
   (City, State, ZIP) Pekin IL 61554
3. County: Tazewell
4. Contact Name: Dan Dammer
5. Email: daniel.dammer@nrgenergy.com
6. Phone: 309 477-5223 7. Fax: 309 477-5386
8. Generator EPA ID: ILD00065471
9. State ID: 1788010002

B. BILLING INFORMATION
1. Billing Name: Powerton Generating Station
2. Billing Address: 13082 East Manito Rd
   (City, State, ZIP) Pekin IL 61554
3. Contact Name: Dan Dammer
4. Email: daniel.dammer@nrgenergy.com
5. Phone: 309 477-5223 6. Fax: 309 477-5386
7. WM Hauled? Yes No
8. P.O. Number: 4500127862
9. Payment Method: Credit Account Cash Credit Card

C. MATERIAL INFORMATION
1. Common Name: Bio-degradable Grease
   Describe Process Generating Material: See Attached
   Virgil product: ELM Tempflex 35-160 Rail Curve Grease, which we no longer have a use for and need to dispose of it

2. Material Composition and Contaminants: See Attached
   1. soybean oil 80.95 %
   2. Fatty acid lithium soap 1.5 %
   3. graphite 0.1 - 1%

   Total composition must be equal to or greater than 100%
   3. State Waste Codes: N/A
   4. Color: black
   5. Physical State at 70°F: Solid Liquid Other:
   6. Free Liquid Range Percentage: to 5
   7. pH: to 8
   8. Strong Odor: Yes No Describe:
   9. Flash Point: < 140°F 140°- 199°F ≥ 200° N/A

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? Yes No
2. State Hazardous Waste? Yes No

3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes No
4. Contains Underlying Hazardous Constituents? Yes No
5. From an industry regulated under Benzene NESHAP? Yes No
6. Facility remediation subject to 40 CFR 63 GGGGGG? Yes No
7. CERCLA or State-mandated clean-up? Yes No
8. NRC or State-regulated radioactive or NORM waste? Yes No

* If Yes, see Addendum (page 2) for additional questions and space.
9. Contains PCBs? Yes No
   a. Regulated by 40 CFR 761?
   b. Remediation under 40 CFR 761 (a)?
   c. Were PCB imported into the US? Yes No
10. Regulated and/or Untreated Medical/Infecitious Waste? Yes No
11. Contains Asbestos? Yes No
   -> If Yes: Non-Friable Non-Friable - Regulated Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached Yes
   Please identify applicable samples and/or lab reports:

2. Other information attached (such as MSDS)? Yes

F. SHIPPERING AND DOT INFORMATION
1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 55
   Tons Yards Drums Gallons Other:
3. Container Type and Size: one 35 gallon drum and two 5 gallon
4. USDOT Proper Shipping Name: N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing this EZ Profile form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Daniel Dammer Date: 09/26/2014
Title: NRG Energy
Company: NRG Energy - Powerton Station

Certification Signature

THINK GREEN: QUESTIONS? CALL 800 363 4776 FOR ASSISTANCE

Revised September 22, 2014 ©2014 Waste Management
Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION

F. Additional Waste Stream Information

Profile Number: B11187IL

Generators Name: Powerton Generating Station

Generators SITE Address: B1554
(The location where the waste is generated)

Waste Name: Biodegradable grease

The Illinois Environmental Protection Act allows a Generator to certify that their pollution control waste or industrial process waste, is not an Illinois Special Waste (Section 3.45). By completing the following questionnaire, you may certify that the waste stream represented by the Waste Management Profile referenced above is not an Illinois Special Waste as defined in the Act.

Is the waste referenced above any of the following:
1. A Potentially Infectious Medical Waste (PIMW)? □ Yes □ No
2. A Hazardous Waste as defined in 40 CFR 261 or in 35 IAC 722.1-1? □ Yes □ No
3. A Liquid Waste (fails the paint filter test as defined in 35 IAC 811.107)? □ Yes □ No
4. A regulated PCB waste as defined in 40 CFR 761? □ Yes □ No
5. A NESHAP regulated asbestos waste other than waste from renovation or demolition? □ Yes □ No
6. A waste resulting from the shredding recyclable metals (auto fluff)? □ Yes □ No
7. A delisted Hazardous Waste or Treated Characteristic Hazardous Waste, subject to LDR requirements under 35 IAC 728.107? □ Yes □ No

In determining that this waste is not a liquid, I have used knowledge of the processes generating the waste and the attached supporting documentation: □ MSDS □ Analytical □ Other (explain below):

In determining that this waste is not RCRA hazardous, I have used knowledge of the processes generating the waste and the attached supporting documentation: □ MSDS □ Analytical □ Other (explain below):

8. Is the waste represented by this profile sheet subject to the Illinois Solid Waste Management Act fee? □ Yes □ No

By signing below, I certify my waste is NOT an Illinois Special Waste, and that I understand that a person who knowingly and falsely certifies that a waste is not special waste is subject to the penalties set forth in subdivision (6) of subsection (h) of section 44 of the Illinois Environmental Protection Act.

Name: (Print) Daniel Dammer
Title: Process Specialist

Signature: ____________________________________________ Date: 9/29/14
MATERIAL SAFETY DATA SHEET

ELM Tempflex® 35 to 160 Rail Curve Grease
Biodegradable Rail Curve Grease

HMIS: Health - 0, Fire - 1, Reactivity - 0
Date Issued: 7/14/1999
Date Revised: 09/10/2014

Emergency Phone Number: (319) 824-5203
CHEMTREC: (800) 424-9300

I. IDENTIFICATION & PHYSICAL DATA

Product Name: TempFlex™ 35 to 160
Product Class: Formulated Lubricating Grease
Manufacturer’s I.D.: TempFlex™ 35 to 160
VOC: None
Solubility In Water: Practically insoluble
Evaporation Rate: Slower Than Butyl Acetate
Appearance and Odor: Black grease with characteristic vegetable oil odor

Percent Volatile by Volume: 0
Boiling Range: ND
Vapor Density: Heavier Than Air
Specific Gravity: 0.995
Vapor Pressure at 20°C: <0.5 mm Hg

II. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>OSHA TWA</th>
<th>OSHA STEL</th>
<th>ACGIH STEL</th>
<th>ACGIH TWA</th>
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<tbody>
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<td>---</td>
<td>10 mg/m³</td>
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</tr>
<tr>
<td>Fatty Acid Lithium Soap</td>
<td>Mixture</td>
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<td>---</td>
</tr>
<tr>
<td>Graphite</td>
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<td>---</td>
<td>---</td>
<td>2.0 mg/m³</td>
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</tr>
<tr>
<td>Additive Mixture*</td>
<td>Confidential</td>
<td>---</td>
<td>---</td>
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<td>---</td>
</tr>
</tbody>
</table>

*This information is being withheld by suppliers as trade secret
--- Not established

THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.

SARA HAZARD: NONE NOTED (SECTION 311/312) TITLE III SECTION 313 - NOT LISTED

All components of this product are listed on the TSCA registry.

III. FIRE & EXPLOSION DATA

Flash Point, Base Oil: >600°F (Pensky-Martens)
LEL: No Data
Extinguishing Media:
Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
Unusual Fire & Explosion Hazards:
Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat.
Special Fire Fighting Procedures:
Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

IV. REACTIVITY DATA
Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Fire, excessive heat
Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition Products:
Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

V. HEALTH HAZARD DATA

Effects of Overexposure:
- Ingestion: No specific information available
  Contains materials that may be practically nontoxic
- Inhalation: No specific information available.
  Heating can generate vapors that could cause headaches, nausea, dizziness, and respiratory irritation if inhaled.
- Skin Absorption: No specific information available
  Contains materials that may be practically nontoxic
- Skin Contact: No specific information available
  Contains materials that may cause skin irritation on prolonged or repeated exposure
- Eye Contact: No specific information available
  Contains materials that may cause eye injury, which may persist for several days
Chronic Effects of Overexposure: No information available.

Emergency & First Aid Procedures:

- Eye Contact:
  Flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.
- Skin Contact:
  Remove contaminated clothing and wash contact area with soap and water for 15 minutes.
- Ingestion:
  If appreciable quantities are swallowed, seek medical attention.
- Inhalation:
  In case of over exposure to fumes if product is heated, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

VI. WASTE DISPOSAL
Dispose of waste in accordance with federal, state, and local regulations.

VII. SPECIAL PROTECTION INFORMATION

Respiratory Protection:
Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to vapor from heating product is likely and where ventilation is inadequate.

Ventilation:
- Local Exhaust: Recommended when appropriate to control employee exposure.
- Mechanical: Not recommended as the sole means of controlling employee exposure.
- Protective Gloves: For operations where contact can occur, wear impervious gloves.
- Eye Protection: Safety goggles.
- Other Protective Equipment: For operations where contact can occur, a safety shower and eye wash facility should be available.

VIII. SPECIAL PRECAUTIONS
Store it in a dry place. Keep container closed.

IX. TOXICOLOGICAL INFORMATION

Acute Toxicity: Relatively harmless [EL50 >1000 mg/L D. Magna (base oil)]

X. BIODEGRADABILITY INFORMATION
Components are readily biodegradable by OECD 301C (BOD/ThOD) Test Method.

XI. STATE R-T-K COMPOSITION INFORMATION (and Canada)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>DSL</th>
<th>NDSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean Oil</td>
<td>8001-22-7</td>
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<td>---</td>
</tr>
<tr>
<td>Fatty Acid Lithium Soap</td>
<td>Mixture</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Graphite</td>
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</tr>
<tr>
<td>Additive Mixture*</td>
<td>Confidential</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

* This information is being withheld by suppliers as trade secret
--- Not established

XII. SARA Title III, Section 313 Information:

This product does not contain any SARA Title III Section 313 chemicals.

XIII. RCRA Information

Regulated Waste: No

XIV. CERCLA INFORMATION

Under EPA-CERCLA releases to air, land, or water which exceed the reportable quantity must be reported to the National Response Center (800-424-8802).

This product contains no materials with reportable quantities.

XV. California Proposition 65 Information:

To the best of our knowledge, this product does not contain any California Proposition 65 designated chemicals.

XVI. Transportation Information

D.O.T. Shipping Name: Not Regulated
D.O.T. Hazard Class: Not Regulated
D.O.T. UN/NA Number: None

XVII. Other Information

None

To the best knowledge of Environmental Lubricants Manufacturing Inc. (ELM), the information contained herein is accurate and reliable as of the date of this material safety data sheet. However no liability whatsoever is assumed for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
Requested Facility: Peoria City - County #2 Landfill
☐ Check if there are multiple generator locations. Attach locations.

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: ARTCO Fleetling Service
2. Site Address: Foot of Sanger
   (City, State, ZIP) Peoria, IL 61607
3. County: Peoria
4. Contact Name: Craig Maleschak
5. Email: craig.maleschak@adm.com
6. Phone: 309.694.5091
7. Fax: 309.694.7030
8. Generator EPA ID: N/A
9. State ID: 1430855412

B. BILLING INFORMATION
1. Billing Name: ARTCO Fleetling Service
2. Billing Address: 534 Wesley Road
   (City, State, ZIP) Creve Coeur, IL 61610
3. Contact Name: Craig Maleschak
4. Email: craig.maleschak@adm.com
5. Phone: 309.694.5091
6. Fax: 309.694.7030
7. WM Hauled? Yes ☐ No ☑
8. P.O. Number: 

C. MATERIAL INFORMATION
1. Common Name: Barge Scrapings
2. Material Composition and Contaminants: Cleaning out barges prior to re-shipment
   (See Attached)
3. State Waste Codes: N/A
4. Color: Various
5. Physical State at 70°F: Solid ☑ Liquid ☑ Other: N/A
6. Free Liquid Range Percentage: 100% to N/A (Solid)
7. pH: N/A to N/A (Solid)
8. Strong Odor? Yes ☐ No ☑ Describe:
9. Flash Point: <140°F □ 140°F - 199°F □ ≥200°F (N/A (Solid)

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? Yes ☐ No ☑
2. State Hazardous Waste? Yes ☐ No ☑
3. Excluded waste under 40 CFR 261.4 (a) or (b)? Yes ☐ No ☑
4. Contains Underlying Hazardous Constituents? Yes ☐ No ☑
5. Contains benzene and subject to Benzene NESHAP? Yes ☐ No ☑
6. Facility remediation subject to 40 CFR 63 GGGGG? Yes ☐ No ☑
7. CERCLA or State-mandated clean-up? Yes ☐ No ☑
8. NRC or State-regulated radioactive or NORM waste? Yes ☐ No ☑
*If Yes, see Addendum (page 2) for additional questions and space.
9. Contains PCBs? If Yes, answer a, b and c.
   a. Regulated by 40 CFR 761? Yes ☐ No ☑
   b. Remediation under 40 CFR 761.61 (a)? Yes ☐ No ☑
   c. Were PCB imported into the US? Yes ☐ No ☑
10. Regulated and/or Untreated Medical/Infectious Waste? Yes ☐ No ☑
11. Contains Asbestos? Yes ☐ Friable ☑ Non-Friable ☐

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached Yes ☐
   Please identify applicable samples and/or lab reports:

2. Other information attached (such as MSDS)? Yes ☐

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing the EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analysis) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Craig Maleschak
Date: 9/15/14
Title: Fleet Manager
Company: ARTCO Fleetling Service

THINK GREEN? QUESTIONS? CALL 800.563.4776 FOR ASSISTANCE

Signature: [Signature]

Last Revised June 5, 2012
©2012 Waste Management, Inc
### EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

#### C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

<table>
<thead>
<tr>
<th>Material Composition and Contaminants (Continued from page 1):</th>
<th>If more space is needed, please attach additional pages.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Corn and Soybeans</td>
<td>20%</td>
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<td>6. Misc Debris</td>
<td>20%</td>
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<td>≥100%</td>
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</tbody>
</table>

#### D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. **EPA Hazardous Waste**
   - a. Please list all USEPA listed and characteristic waste code numbers:

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?
      - Yes
      - No

   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)?
      - Yes
      - No

   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083 and 265.1084)?
      - Yes
      - No

      - If Yes, please select one of the following:
        - Waste has been determined to be LDR exempt (265.1083(c)(4) and 265.1084(c)(4)) based on the fact that it meets all applicable organic treatment standards (including UHCs for D-coded characteristic wastes) or a Specified Technology has been utilized.
        - Waste does not qualify for a LDR exemption, but the average VOC at the point of origination is <500 ppmw and this determination was based on analytical testing (upload copy of analysis) or generator knowledge.

2. **State Hazardous Waste**
   - Please list all state waste codes:

3. **Excluded Waste**
   - Please select which of the following categories apply to your material:
     - Delisted Hazardous Waste
     - Excluded Waste under 40 CFR 261.4
     - Specify Exclusion: [ ]

   - Treated Hazardous Waste Debris
     - Treated Characteristic Hazardous Waste
     - If checked, complete question 4.

4. **Underlying Hazardous Constituents**
   - Please list all Underlying Hazardous Constituents:

5. **Benzene NESHAP**
   - Please include benzene concentration and percent water/moisture in chemical composition.
     - Are you a TSDF?
       - Yes
       - No
     - What is your facility's current total annual benzene quantity in Megagrams?
       - < 1 Mg
       - 1 - 9.99 Mg
       - ≥ 10 Mg
     - Is this waste soil from remediation at a closed facility?
       - Yes
       - No
     - Has material been treated to remove 99% of the benzene or to achieve <10 ppmw?
       - Yes
       - No
     - Is material exempt from controls in accordance with 40 CFR 61.342?
       - Yes
       - No
     - If yes, specify exemption:

6. **40 CFR 63 GGGGG**
   - Does the material contain <500 ppw VOCs at the point of determination?
     - Yes
     - No

7. **CERCLA or State-Mandated clean up**
   - Please submit the Record of Decision or other documentation to assist others in the evaluation for proper disposal.

8. **NRC or state regulated radioactive or NORM Waste**
   - Please identify isotopes and pCi/g:

---

**THINK GREEN:**

**QUESTIONS? CALL 800 983 4776 FOR ASSISTANCE**
C. MATERIAL INFORMATION
Material Composition and Contaminants (Continued from page 2):

<p>| | |</p>
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</tbody>
</table>

D. REGULATORY INFORMATION
1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers (Continued from page 2):
Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION

7. Additional Waste Stream Information

Profile Number: WM010289

Generators Name: ARTCO Fleeting Service

Generators SITE Address: Foot of Sanger Street, Peoria, IL 61610
(The location where the waste is generated)

Waste Name: Barge Scrapings

The Illinois Environmental Protection Act allows a Generator to certify that their pollution control waste or industrial process waste, is not an Illinois Special Waste (Section 3.45). By completing the following questionnaire, you may certify that the waste stream represented by the Waste Management Profile referenced above is not an Illinois Special Waste as defined in the Act.

Is the waste referenced above any of the following:
1. A Potentially Infectious Medical Waste (PIMW)? □ Yes □ No
2. A Hazardous Waste as defined in 40 CFR 261 or in 35 IAC 722.111? □ Yes □ No
3. A Liquid Waste (fails the paint filter test as defined in 35 IAC 811.107)? □ Yes □ No
4. A regulated PCB waste as defined in 40 CFR 761? □ Yes □ No
5. A NESHAP regulated asbestos waste other than waste from renovation or demolition? □ Yes □ No
6. A waste resulting from the shredding recyclable metals (auto fluff)? □ Yes □ No
7. A delisted Hazardous Waste or Treated Characteristic Hazardous Waste, subject to LDR requirements under 35 IAC 728.107? □ Yes □ No

In determining that this waste is not a liquid, I have used knowledge of the processes generating the waste and the attached supporting documentation: □ MSDS □ Analytical □ Other (explain below):

In determining that this waste is not RCRA hazardous, I have used knowledge of the processes generating the waste and the attached supporting documentation: □ MSDS □ Analytical □ Other (explain below):

8. Is the waste represented by this profile sheet subject to the Illinois Solid Waste Management Act fee? □ Yes □ No

By signing below, I certify my waste is NOT an Illinois Special Waste, and that I understand that a person who knowingly and falsely certifies that a waste is not special waste is subject to the penalties set forth in subdivision (8) of subsection (h) of section 44 of the Illinois Environmental Protection Act.

Name: (Print) Craig Malepskek
Title: Fleet Manager

Signature: 
Date: 9/15/14
Analytical Report

October 02, 2014

Work Order: 1410659

Dear Brian Rogers:

Enclosed are the analytical reports for the EMT Work Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me.

Sincerely,

Jason Cristino
Groundwater Project Manager
847.967.6666
JCristino@emt.com
Approved for release: 10/2/2014 11:13:15AM

Approved by,

Matthew Gregory
Technical Manager
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<td>Qualifiers and Definitions</td>
<td>20</td>
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<tr>
<td>Chain of Custody</td>
<td>21</td>
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</tbody>
</table>
Case Narrative

Client: Waste Management of Illinois, Inc.
Project: Disposal Panels
Arlo Fleet Services
Work Order: 1410959

Date: 10/02/2014

Sample Summary

<table>
<thead>
<tr>
<th>Lab ID</th>
<th>Client Sample ID</th>
<th>Matrix</th>
<th>Sampled Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1410959-01</td>
<td></td>
<td>BARGE SCRAPINGS</td>
<td>9/25/2014 1:00:00 PM</td>
</tr>
</tbody>
</table>

Work Order: 1410959
The samples were received on 9/26/2014 12:10:00 PM. The samples arrived in good condition and properly preserved. The temperature of the cooler at receipt was 23 degrees C.

Refer to Qualifiers and Definitions for quality and analytical clarifications or deviations.
### Client Sample Results

- **Client:** Waste Management of Illinois, Inc.
- **Project:** Disposal Panels
  - Artco Fleeting Services
- **Work Order:** 1410959

### Metals by ICP-AES
- **Method:** SW6010C / SW3016 / SW1311
- **Arsenic, TCLP**
  - Result: 0.223
  - Limit: 0.0625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

- **Barium, TCLP**
  - Result: < 0.0625
  - Limit: 0.0625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

- **Cadmium, TCLP**
  - Result: 0.00625
  - Limit: 0.00625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

- **Chromium, TCLP**
  - Result: < 0.0625
  - Limit: 0.0625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

- **Lead, TCLP**
  - Result: < 0.0625
  - Limit: 0.0625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

- **Selenium, TCLP**
  - Result: < 0.0625
  - Limit: 0.0625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

- **Silver, TCLP**
  - Result: < 0.0625
  - Limit: 0.0625
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 09/30/14 19:31
  - Batch: B411417
  - Analyst: CS2

### Mercury by CVAA
- **Method:** SW7470A / SW1311
- **Mercury, TCLP**
  - Result: 0.00155
  - Limit: 0.00050
  - Qual: mg/L
  - Units: mg/L
  - Date/Time Analyzed: 10/01/14 14:18
  - Batch: B410025
  - Analyst: IG

### Wet Chemistry
- **Method:** ASTM D92-90
  - **Ignitability (open cup)**
    - Result: >180
    - Limit: 35.0
    - Qual: °F
    - Date/Time Analyzed: 09/29/14 14:54
    - Batch: B411317
    - Analyst: SG

- **Method:** SW7.3.3.2/9014 by Aquachem
  - **Reactive Cyanide**
    - Result: < 3.64
    - Limit: 3.64
    - Qual: mg/Kg
    - Date/Time Analyzed: 09/30/14 11:09
    - Batch: B411374
    - Analyst: JN1

- **Method:** SW7.3.4.2
  - **Reactive Sulfide**
    - Result: 29.2
    - Limit: 10.0
    - Qual: mg/Kg
    - Date/Time Analyzed: 09/30/14 11:12
    - Batch: B411375
    - Analyst: JN1

- **Method:** SW9045C
  - **pH**
    - Result: 7.54
    - Qual: pH Units
    - Date/Time Analyzed: 09/29/14 11:02
    - Batch: B411402
    - Analyst: ML3

- **Method:** SW9065 by Aquachem
  - **Phenolcs, Total Recoverable**
    - Result: 0.592
    - Limit: 0.393
    - Qual: mg/Kg
    - Date/Time Analyzed: 09/29/14 12:33
    - Batch: B411328
    - Analyst: JN1

- **Method:** SW9096
  - **Free Liquid**
    - Result: Pass
    - Limit: 0.00
    - Qual: Pass/Fail
    - Date/Time Analyzed: 09/30/14 14:05
    - Batch: B411412
    - Analyst: LS3

### Organochlorine Pesticides by GC/ECD
- **Method:** SW8081B / SW3510 / SW1311
  - **Chlordane, TCLP**
    - Result: < 0.00194
    - Limit: 0.00164
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
  
  - **Endrin, TCLP**
    - Result: < 0.00116
    - Limit: 0.00116
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
  
  - **gamma-BHC, TCLP**
    - Result: < 0.00116
    - Limit: 0.00116
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
  
  - **Heptachlor, TCLP**
    - Result: < 0.00116
    - Limit: 0.00116
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
  
  - **Heptachlor epoxide, TCLP**
    - Result: < 0.00116
    - Limit: 0.00116
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
  
  - **Methoxychlor, TCLP**
    - Result: < 0.00116
    - Limit: 0.00116
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
  
  - **Toxaphene, TCLP**
    - Result: < 0.00582
    - Limit: 0.00582
    - Qual: mg/L
    - Date/Time Analyzed: 09/30/14 16:57
    - Batch: B411408
    - Analyst: LP
## Client Sample Results (Continued)

### Organochlorine Pesticides by GC/ECD (Continued)

**Method:** SW8081B / SW3510 / SW1311 (Continued)

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Reporting</th>
<th>Limit</th>
<th>Qual</th>
<th>Units</th>
<th>Date/Time Analyzed</th>
<th>Batch</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decachlorobiphenyl, TCLP</td>
<td>Recovery: 65%</td>
<td>30-135</td>
<td>96</td>
<td>ug/Kg</td>
<td>09/30/14 16:57</td>
<td>B411408</td>
<td>LP</td>
</tr>
<tr>
<td>2,4,5,6-Tetrachloro-m-xylene, TCLP</td>
<td>Recovery: 38%</td>
<td>25-140</td>
<td>96</td>
<td>ug/Kg</td>
<td>09/30/14 16:57</td>
<td>B411408</td>
<td>LP</td>
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**Polychlorinated Biphenyls (PCBs) by GC/ECD**

**Method:** SW8082A / SW3840

| Aroclor 1016 | < 199 | 199 | ug/Kg | 09/28/14 16:42 | B411321 | NCH     |
| Aroclor 1221 | < 249 | 249 | ug/Kg | 09/28/14 16:42 | B411321 | NCH     |
| Aroclor 1232 | < 59.5 | 59.5 | ug/Kg | 09/29/14 16:42 | B411321 | NCH     |
| Aroclor 1242 | < 148 | 148 | ug/Kg | 09/29/14 16:42 | B411321 | NCH     |
| Aroclor 1248 | < 49.8 | 49.8 | ug/Kg | 09/29/14 16:42 | B411321 | NCH     |
| Aroclor 1254 | < 59.5 | 59.5 | ug/Kg | 09/29/14 16:42 | B411321 | NCH     |
| Aroclor 1260 | < 199 | 199 | ug/Kg | 09/29/14 16:42 | B411321 | NCH     |
| Total PCB     | < 249 | 249 | ug/Kg | 09/29/14 16:42 | B411321 | NCH     |

**Herbicides by High Pressure Liquid Chromatography (HPLC)**

**Method:** SW8321A / SW3510 / SW1311

| 2,4,5-TP (Silvex), TCLP  | < 0.00546 | 0.00546 | mg/L | 10/01/14 13:31 | B411411 | MNN     |
| 2,4-D, TCLP            | < 0.00546 | 0.00546 | mg/L | 10/01/14 13:31 | B411411 | MNN     |

**Volatile Organic Compounds by GC/MS**

**Method:** SW3260B / SW5030 / SW1311

| 1,1-Dichloroethene, TCLP  | < 0.0100 | 0.0100 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| 1,2-Dichloroethene, TCLP  | < 0.0100 | 0.0100 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| 1,4-Dichlorobenzene, TCLP | < 0.0200 | 0.0200 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| 2-Butanone, TCLP         | < 0.0350 | 0.0350 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Benzene, TCLP           | < 0.0100 | 0.0100 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Carbon tetrachloride, TCLP | < 0.0200 | 0.0200 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Chlorobenzene, TCLP     | < 0.0200 | 0.0200 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Chloroform, TCLP        | < 0.0100 | 0.0100 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Tetrachloroethene, TCLP | < 0.0200 | 0.0200 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Trichloroethene, TCLP   | < 0.0100 | 0.0100 | mg/L | 09/30/14 13:40 | B411418 | JL      |
| Vinyl chloride, TCLP    | < 0.0100 | 0.0100 | mg/L | 09/30/14 13:40 | B411418 | JL      |

**Surrogates:**

- Dibromochloromethane, TCLP
- 1,2-Dichloroethane-d4, TCLP
- Fluorobenzene, TCLP
- Toluene-d8, TCLP
- 4-Bromofluorobenzene, TCLP
- 1,2-Dichlorobenzene-d4, TCLP

**Recovery:** 130%
**Limits:** 79-119

**Recovery:** 121%
**Limits:** 71-136

**Recovery:** 87%
**Limits:** 81-114

**Recovery:** 76%
**Limits:** 85-116

**Recovery:** 103%
**Limits:** 79-119

**Recovery:** 128%
**Limits:** 80-120
## Client Sample Results

(Continued)

**Client:** Waste Management of Illinois, Inc.  
**Project:** Disposal Panels  
**Artco Fleeting Services**  
**Work Order:** 14I0959

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**Semivolatiles Organic Compounds by GC/MS**

**Method:** SW8270D / SW3510 / SW1311

**Recovery:** 50%  
**Limits:** 35-115  
**Date/Time Analyzed:** 09/30/14 14:50  
**Batch:** B411399  
**Analyst:** SJ
### Dates Report

**Client:** Waste Management of Illinois, Inc.  
**Project:** Disposal Panels  
**Arco Fleetling Services**  
**Work Order:** 140959  
**Date:** 10/02/2014

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experts at providing environmental testing solutions
water • soil • waste • product • sampling
### Wet Chemistry

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## Quality Control

### Polychlorinated Biphenyls (PCBs) by GC/ECD

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### Organochlorine Pesticides by GC/ECD

**Batch: B41408 - SW3510**

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**Matrix Spike (B41408-MS1)**

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<th>Source Result</th>
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<th>%REC RPD Limit</th>
<th>RPD Limit</th>
<th>Qual</th>
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**Matrix Spike Dup (B41408-MSC1)**

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## Volatile Organic Compounds by GC/MS

**Batch: B4I1418 - SW5030**

**Blank (B4I1418-BLK1)**

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<th>Source Result</th>
<th>%REC Limits</th>
<th>RPD Limit</th>
<th>Qual</th>
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<tr>
<td>Vinyl chloride</td>
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<td>mg/L</td>
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Surrogate: Dibromofluoromethane | 24.6 µg/L | 20.0 | 123 | 78-119 | S |
Surrogate: 1,2-Dichloroethane-d4 | 21.6 µg/L | 20.0 | 108 | 71-136 |
Surrogate: Fluorobenzene | 17.3 µg/L | 20.0 | 86 | 81-114 |
Surrogate: Toluene-d8 | 15.3 µg/L | 20.0 | 76 | 85-116 |
Surrogate: 4-Bromofluorobenzene | 11.2 µg/L | 10.0 | 112 | 70-119 |
Surrogate: 1,2-Dichlorobenzene-d4 | 23.3 µg/L | 20.0 | 116 | 80-120 |

**LCS (B4I1418-BS1)**

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<th>Result</th>
<th>Reporting Limit</th>
<th>Units</th>
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<th>Source Result</th>
<th>%REC Limits</th>
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Surrogate: Dibromofluoromethane | 19.6 µg/L | 20.0 | 98 | 79-119 |
Surrogate: 1,2-Dichloroethane-d4 | 18.0 µg/L | 20.0 | 90 | 71-136 |
Surrogate: Fluorobenzene | 17.8 µg/L | 20.0 | 89 | 81-114 |
Surrogate: Toluene-d8 | 17.6 µg/L | 20.0 | 89 | 85-116 |
Surrogate: 4-Bromofluorobenzene | 10.5 µg/L | 10.0 | 105 | 79-119 |
Surrogate: 1,2-Dichlorobenzene-d4 | 19.2 µg/L | 20.0 | 96 | 80-120 |

**LCS Dup (B4I1418-BSD1)**

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Prepared: 09/30/2014 09:20  Analyzed: 09/30/2014 12:34


Prepared: 09/30/2014 09:20  Analyzed: 09/30/2014 11:29
### Volatile Organic Compounds by GC/MS

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**LCS Dup (B41418-BSD1) (Continued)**

Prepared: 09/30/2014 09:20  Analyzed: 09/30/2014 11:29

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**Report Date:** 10/02/2014

**Matrix:** Water
Semivolatile Organic Compounds by GC/MS

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LCS (B41339-BS1)

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# Quality Control

(Continued)

## Client:
Waste Management of Illinois, Inc.

## Project:
Arco Fleeting Services

## Work Order:
1410859

## Semivolatile Organic Compounds by GC/MS
(Continued)

### Batch: B411399 - SW3510 (Continued)

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**Surrogates:**
- 2-Fluorophenol: 0.0280 mg/L
- Phenol-d5: 0.0262 mg/L
- Nitrobenzene-d5: 0.0322 mg/L
- 2-Fluorobiphenyl: 0.0324 mg/L
- 2,4,6-Trichlorophenol: 0.0341 mg/L
- 4-Terphenyl-d14: 0.0428 mg/L

Prepared: 09/30/2014 10:00, Analyzed: 09/30/2014 12:46

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experts at providing environmental testing solutions
water • soil • waste • product • sampling

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## Certified Analyses Included in this Report

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Certified Analyses included in this Report (Continued)

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List of Certifications

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<td>The %RPD result is above the laboratory control limits.</td>
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## Environmental Monitoring and Technologies, Inc.

**Company:** Artio Fleeting Services  
**Address:** Fact of Sugar  
**City:** Peoria, IL 61604  
**Phone #:** (309) 689 - 5691  
**Fax #:** (309) 689 - 7020  
**Client Contact:** Craig Marschall  
**Project ID / Location:**  

### Analyses
- **Sample Type:**  
  1. Waste Water  
  2. Drinking Water  
  3. Soil  
  4. Sludge  
  5. Oil  
  6. Groundwater (filtered)  
  7. Groundwater  
  8. Other  
- **Container Type:**  
  - P - Plastic  
  - VC - VCC Vial  
  - O - Other  
  - Glass  
  - Tedlar Bag  
- **Preservative:**  
  - HNO3  
  - HCl  
  - MeOH  
  - H2SO4  
  - NaOH  
  - Zn Ace  
  - Other  

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<th>Size</th>
<th>Type</th>
<th>No.</th>
<th>By</th>
<th>Date</th>
<th>Time</th>
<th>Sampling Time</th>
<th>Lab</th>
<th>Field</th>
<th>EMT USE ONLY</th>
<th>EMT PROJECT ID.</th>
<th>Client Code:</th>
<th>Jar Lot No.</th>
<th>EMT SAMPLE RETURN POLICY ON BACK</th>
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**Reclaimed By:**  
Date: 9 - 25 - 14  
Time: 1:00 PM  
Received By: Brian Rogers  

**EMT USE ONLY**  
**SAMPLE RECEIVED ON ICE**  
**TEMPERATURE (Must be recorded if sampling was greater than 6 hrs prior to sample receipt):**  
23  
**EMT SAMPLE RETURN POLICY ON BACK**  

**EMT Use Only**  

**SPECIAL INSTRUCTIONS:**
Request Facility: Hanna City FAA

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Federal Aviation Administration
2. Site Address: 5159 W Farmington Rd (Hwy 116)
   City, State, ZIP: Hanna City, IL, 61536
3. County: Peoria
4. Contact Name: Dominic Lackey
5. Email: 
6. Phone: 202-267-4368
7. Fax: 
8. Generator EPA ID: 
9. State ID: 

C. MATERIAL INFORMATION
1. Common Name: Non-Friable Asbestos
2. Material Composition and Contaminants: Non-Friable Asbestos (Uncontaminated) 0-100 %
3. State Waste Codes: 
4. Color: Various
5. Physical State at 70°F: Solid
6. Free Liquid Range Percentage: to N/A (Solid)
7. pH: to N/A (Solid)
8. Strong Odor: Yes No Describe:
9. Flash Point: <140°F 140°F-199°F ≥200°F N/A (Solid)

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? Yes No
2. State Hazardous Waste? Yes No
3. Excluded waste under 40 CFR 261.4 (a) or (b)? Yes No
4. Contains Underlying Hazardous Constituents? Yes No
5. Contains benzene and subject to Benzene NESHAP? Yes No
6. Facility remediating subject to 40 CFR 63 GGGGG? Yes No
7. CERCLA or State-mandated clean-up? Yes No
8. NRC or State-regulated radioactive or NORM waste? Yes No
9. CERCLA or State-mandated clean-up? Yes No
10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
11. Contains Asbestos? Yes Friable Yes Non-Friable

F. SHIPPING AND DOT INFORMATION
1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 15 Tons Yards Drums Gallons Other
3. Container Type and Size: Roll off 20yd
4. US/GOT Proper Shipping Name: 

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (e.g., changes in the process or new Analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that the information contained in this Profile is accurate and complete.

Name (Print): Jesse Lopez Date: 9-22-14
Title: Safety Manager Department: 
Company: Federal Aviation Administration

Certification Signature

THINK GREEN. QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

©2012 Waste Management, Inc.
Only complete this Addendum if prompted by responses on EZ Profile™ (page 1)
or to provide additional information. Sections and question numbers correspond to
EZ Profile™.

C. MATERIAL INFORMATION
Describe Process Generating Material (Continued from page 1):
soils, that are contaminated with nonfriable asbestos.

Material Composition and Contaminants (Continued from page 1):

<table>
<thead>
<tr>
<th>Material Composition</th>
<th>Contaminants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

D. REGULATORY INFORMATION
Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:

2. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?
   □ Yes □ No

   b. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4.
      □ Yes □ No

   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083 and 265.1064)?
      □ Yes □ No

      → If Yes, please select one of the following:
         □ Waste has been determined to be LDR exempt (265.1083(c)(4) and 265.1084(c)(4)) based on the fact that it meets all applicable organic treatment standards (including UHCCs for D-coded characteristic wastes) or a Specified Technology has been utilized.
         □ Waste does not qualify for a LDR exemption, but the average VOC at the point of origination is <500 ppmv and this determination was based on analytical testing (upload copy of analysis) or generator knowledge.

3. State Hazardous Waste → Please list all state waste codes:

4. Excluded Waste → Please select which of the following categories apply to your material:
   □ Delisted Hazardous Waste
   □ Excluded Waste under 40 CFR 261.4 → Specify Exclusion;
   □ Treated Hazardous Waste Debris
   □ Treated Characteristic Hazardous Waste → if checked, complete question 4.

5. Benzene NESHAP → Please include benzene concentration and percent water/moisture in chemical composition.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue.
      □ <1 Mg □ 1–9.99 Mg □ ≥10 Mg
   b. What is your facility's current total annual benzene quantity in Megagrams?
   c. Is this waste soil from remediation at a closed facility?
      □ Yes □ No
   d. Has material been treated to remove 99% of the benzene or to achieve <10 ppmv?
      □ Yes □ No
   e. Is material exempt from controls in accordance with 40 CFR 61.3422?
      □ Yes □ No

   → If yes, specify exemption;

6. 40 CFR 63 GGGGG → Does the material contain <500 ppw VOHAPs at the point of determination?
   □ Yes □ No

7. CERCLA or State-Mandated cleanup → Please submit the Record of Decision or other documentation to assist others in the evaluation for proper disposal.

8. NRC or state regulated radioactive or NORM Waste → Please identify isotopes and pCi/g:

THINK GREEN: QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Last Revised June 6, 2012
40712 Waste Management, Inc.
Request Facility: Peoria City - County #2 Landfill

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Keith Erickson
2. Site Address: 6707 N Greenmont Road
   (City, State, ZIP) Peoria IL 61614
3. County: Peoria
4. Contact Name: Keith Erickson
5. Email: kge Erickson@sbcglobal.net
6. Phone: 3092677548    Fax: 3096917548
7. Generator EPA ID:    State ID: [ ] N/A
8. Generator ID:    State ID: [ ] N/A

B. BILLING INFORMATION
1. Billing Name: Keith Erickson
2. Billing Address: 6707 N Greenmont Road
   (City, State, ZIP) Peoria IL 61614
3. Contact Name: Keith Erickson
4. Email: kge Erickson@sbcglobal.net
5. Phone: 3092677548    Fax: 3096917548
6. WM Hauled? [ ] Yes [ ] No
7. P.O. Number: [ ] N/A
8. Payment Method: [ ] Credit Account [ ] Cash [ ] Credit Card

C. MATERIAL INFORMATION
1. Common Name: Non-Friable Asbestos
   Describe Process Generating Material: [ ] See Attached
   Demolition/renovation - when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure. Including gaskets, resilient floor coverings and asphalt roofing products (specify in C.2.) Does not include clean-up wastes, such as
2. Material Composition and Contaminants: [ ] See Attached
   1. Non-Friable Asbestos (Uncontaminated) [ ] Yes [ ] No
      0-100%
   2. [ ] N/A
   3. [ ] N/A
   4. [ ] N/A
   Total composition must be equal to or greater than 100% ≥100%
3. State Waste Codes: [ ] N/A
4. Color: [ ] N/A
5. Physical State at 70°F: [ ] Solid [ ] Liquid [ ] Other:
6. Free Liquid Range Percentage: [ ] N/A
7. pH: [ ] N/A
8. Strong Odor: [ ] Yes [ ] No
9. Flash Point: [ ] <140°F [ ] 140°-199°F [ ] ≥200° [ ] N/A

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? [ ] Yes* [ ] No
   Code:
2. State Hazardous Waste? [ ] Yes [ ] No
   Code:
3. Is this material non-hazardous due to Treatment, Deleing or, an Exclusion? [ ] Yes* [ ] No
4. Contains Underlying Hazardous Constituents? [ ] Yes* [ ] No
5. From an industry regulated under Benzene NESHAP? [ ] Yes* [ ] No
6. Facility remediation subject to 40 CFR 63 GG? [ ] Yes* [ ] No
7. CERCLA or State-mandated clean-up? [ ] Yes* [ ] No
8. NRC or State-regulated radioactive or NORM waste? [ ] Yes* [ ] No
9. If Yes, see Addendum (page 2) for additional questions and space.
10. Contains PCBs? [ ] Yes [ ] No
    a. Regulated by 40 CFR 761? [ ] Yes [ ] No
    b. Remediation under 40 CFR 761.61 (a)? [ ] Yes [ ] No
    c. Were PCB imported into the US? [ ] Yes [ ] No
11. Contains Asbestos? [ ] Yes [ ] No
    a. [ ] Non-Friable [ ] Non-Friable - Regulated [ ] Friable
   b. If Yes: [ ] Non-Friable [ ] Non-Friable - Regulated [ ] Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached [ ] Yes
   Please identify applicable samples and/or lab reports:
   [ ] N/A
2. Other information attached (such as MSDS)? [ ] Yes
   [ ] N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Keith Erickson  Date: 10/02/2014
Title: Husband
Company: Personal Residence

Certification Signature

THINK GREEN:

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Revised August 8, 2014
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C. MATERIAL INFORMATION

Material Composition and Contaminants (Continued from page 1):

if more space is needed, please attach additional pages.

soils, that are contaminated with nonfibrous asbestos.

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:

b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?
   □ Yes □ No

c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)?
   □ Yes □ No

2. State Hazardous Waste
   □ Please list all state waste codes:

3. For material that is Treated, Delisted, or Excluded
   □ Delisted Hazardous Waste
   □ Treated Hazardous Waste Debris
   □ Excluded Waste under 40 CFR 261.4
   □ Treated Characteristic Hazardous Waste

4. Underlying Hazardous Constituents
   □ Please list all Underlying Hazardous Constituents:

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.
   a. Are you a TSDF?
      □ If yes, please complete Benzene NESHAP questionnaire. If not, continue.
     □ Yes □ No

     b. Does this material contain benzene?
        □ Yes □ No

        1. If yes, what is the flow weighted average concentration?
           □ < 1 Mg □ 1-9.99 Mg □ ≥ 10 Mg

4. Is this waste soil from a remediation?
   □ Yes □ No

   1. If yes, what is the benzene concentration in remediation waste?
      □ Yes □ No

   e. Does the waste contain >10% water/moisture?
      □ Yes □ No

   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw?
      □ Yes □ No

   g. Is material exempt from controls in accordance with 40 CFR 61.342?
      □ Yes □ No

   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF?
      □ Yes □ No

6. 40 CFR 63 GGGGGG
   □ Does the material contain <500 ppmw VOHAPS at the point of determination?
     □ Yes □ No

7. CERCLA or State-Mandated clean up
   □ Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.

8. NRC or state regulated radioactive or NORM Waste
   □ Please identify isotopes and pCi/g:

THINK GREEN!

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Revised August 8, 2014
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AGENDA DATE REQUESTED: October 15, 2014

ACTION REQUESTED: Approval for Mr. Les Bergsten’s Signature:

PCC LF1 – Significant Modification Permit Application for proposed alternate source investigation concerning confirmed increase of dissolved chromium at wells G15S and G23S. The Landfill Committee is required to submit the significant modification by November 15, 2014.

BACKGROUND: During the second quarter 2014 monitoring event, the Illinois Environmental Protection Agency (IEPA) was notified of observed increases at groundwater monitoring wells G15S and G23S for the constituent dissolved chromium. The observed increases were then confirmed during the third quarter 2014 monitoring event. Since these constituents were confirmed, the Landfill Committee is required by 35 Ill Adm. Code 811.319(b) to take the steps to comply with this regulation. These steps are listed below followed by Foth’s response to the IEPA.

35 IAC 811.319(b)(1) Monitoring of 40 CFR 258 Appendix II parameters

During the 2nd quarter 2015 sampling event monitoring wells G15S and G23S will be analyzed for the 40 CFR 258 Appendix II and 35IAC 620.410 parameter lists.

35 IAC 811.319(b)(A) More Frequent Sampling of Well in Question

G15S and G23S will resume quarterly monitoring beginning with 4th quarter 2014 pursuant to condition VII.19 of the permit until IEPA approval to return to routine monitoring.

35 IAC 811.319(b)(B) More Frequent Sampling of Surrounding Wells

At this time we are not proposing more frequent sampling of adjacent wells. Adjacent monitoring wells are not exhibiting signs of increasing trends.

35 IAC 811.319(b)(1)(C) Placement of Additional Wells to Determine the Source and Extent of Contamination

Additional wells are not proposed at this time. If the analytical data does substantiate that the landfill is the source of the increased concentrations, the data gathered during this alternate source investigation will be utilized to determine the number and placement of additional wells as necessary to determine the extent of contamination.

SUMMARY: The 40 CFR Appendix II and 35 IAC Appendix II parameter lists will be analyzed at monitoring wells G15S and G23S during the 2nd quarter 2015 sampling event. Both monitoring wells will resume quarterly monitoring following the schedule listed in V.19 of the permit. Laboratory analytical data from Landfill 1 permitted groundwater monitoring wells will be analyzed for signs of increasing trends. If the alternate source investigation finds no evidence of landfill contamination, we will recommend via significant modification permit that monitoring wells G15S and G23S return to routine monitoring following the schedule listed in V.18 of the permit.
We currently do not expect any other reports that will require Mr. Bergsten’s signature, however we respectfully request approval to obtain his signature should the need arise prior to the next Committee Meeting. Should we require Mr. Bergsten’s signature, a report will be brought before the board at the next scheduled meeting.

**FINANCIAL IMPACT:** The 2014 Landfill Committee approved budget for groundwater assessments is $30,000 and the total expenses reported at the August Landfill Committee meeting was $15,693.98. Additional engineering services are required relating to analyzing groundwater data, developing a recommended approach and future correspondence with the IEPA. Should the IEPA accept our recommended approach, Foth estimates the current budget to be sufficient through the end of 2014. If the IEPA requires additional sampling of surrounding wells, new well installation or other approaches not listed, Foth will report back to the Landfill Committee for authorization to move forward.
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Joshua Gabehart, P.E., Foth

AGENDA DATE REQUESTED: October 15, 2014

ACTION REQUESTED: Receive and File Monthly Report

BACKGROUND: The following report is provided for engineering items that have occurred since the last scheduled Committee meeting:

Financial Information

Attached is a spreadsheet showing the engineering services provided from July 1, 2014 through September 30, 2014. The total amount billed to date is $117,397.14. These costs include construction observation, pump and other related material purchases, legal support services and ongoing operational costs. Legal support services were originally budgeted at $5,000 and current billing is at $7,677.42.

Updates Regarding Compliance Activities, Measures and Progress

Since the last Committee meeting, there were no unscheduled shutdowns of the gas collection system.

Foth installed automated pumps during August and September and the system is working well. The new pumps are operating and more liquid is being disposed of at the Greater Peoria Sanitary District. As winter and cooler temperatures approach, more condensate will be generated in the system.

Activities completed during the month of September included installation of new pumps at the new sump locations in the southeast area of Landfill 1. The new solar pump slated to be installed in partially decommissioned gas well C-1 was actually installed in the south sump. The south sump is located in the south west portion of the landfill and was installed during 2012 improvements. A blockage in the discharge piping caused a seal and lower valve cup to fail. These parts are on order and we will report the status at the November meeting.

During the last committee meeting Foth reported on a vacuum leak at the condensate vault located near the abandoned RTC building. Foth received a quote for the repairs of $2,441.62 from J.C. Dillon Inc. The vacuum leak is causing fluctuations in the available vacuum to the system and allowing oxygen intrusion into the system. We recommend moving forward but will secure more quotes for comparison and complete the work utilizing the lowest qualified contractor.

The removal of excess liquid in the southeast portion of the landfill due to system improvements has continued to allow gas wells in that area to maintain proper vacuum levels, as designed. The system improvements require gas well balancing/adjusting at the landfill. This process can take several days to weeks as the system adjusts. Foth is currently mapping leachate and vacuum levels to develop a more efficient operational strategy.

The southeast area of the landfill has experienced groundwater and gas impacts due to landfill
gas concentrations caused by inefficient gas removal. These impacts are observed in groundwater monitoring wells G02S, G04S and gas monitoring device GMD2. Increased leachate and condensate levels in the area contribute to ineffective gas collection, resulting in gas migration and subsequent exceedances at GMD2 and trace organic compound detects in area groundwater monitoring wells.

Both issues, subsurface gas migration and groundwater impacts, will be addressed over time by the GCCS and leachate extraction system improvements. Now that these improvements have been completed, time is the best factor in assisting in the groundwater and gas impacts. The attached groundwater maps illustrate the monitoring well locations and gas collection and control system.

**FINANCIAL IMPACT:** The time period of the budget for engineering services is currently 25% complete. Including the additional services required the GCCS project and legal support; the current expenditures are 41% of the approved engineering budget.

The FY2014 Budget includes $230,000 for the proposed GCCS improvements and engineering oversight.
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City of Peoria - County of Peoria Landfill Committee  
Engineering Services through July 2014 to June 2015  

Operational Comments:  
July - included construction observation, solar array purchases, solar panel and associated support component installation, and routine operational costs.  
August - included additional construction observation, initial pump, solar panel and associated support component installation, Semi-Annual Air Monitoring report preparation and submittal and routine operational costs. Additional services are included for legal support.  
September - included decrease chromium alternate source investigation report to EPA, installation and material purchases for gas re-balancing, and continued landfill gas system operations for well balancing and troubleshooting.
This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

FIGURE 1
GROUNDWATER WELL MAP
PEORIA CITY - COUNTY LANDFILL NO. 1
PEORIA COUNTY ILLINOIS

LEGEND

WASTE LIGHT
EXISTING GROUNDWATER MONITORING WELL

Date: SEPTEMBER 2014  Revision: Date
Drawn By: ADM  Checked By: MAW  Scope: 14P100.14
This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Joshua C. Gabehart, P.E., Foth

AGENDA DATE REQUESTED: October 15, 2014

ACTION REQUESTED: Approve Updated Waste Procedure document

BACKGROUND: The overall rules for the Landfill Committee are contained in the intergovernmental agreement between the City and County. The bulk of the rules and regulations governing the Committee and its mission are contained in state and federal regulations. The Committee implements these rules and regulations through the agreements they have with their contractors. The current contractors who carry out the permits and plans, and provide compliance with all the state and federal rules and regulations are Waste Management of Illinois, Inc. and Foth Infrastructure & Environment, LLC. Contractors are required to incorporate new rules and regulations as they are adopted by the regulators.

The Committee is more stringent than state and federal rules for waste acceptance. These rules are called “Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill.” These requirements were incorporated into the IEPA approved plans. These procedures were first written for Landfill No. 1 (PDC Services was required to implement them) and were updated for Landfill No. 2 (WMI is currently responsible). The most recent update includes revised preapproved waste streams and incorporation of the ban of electronic waste in landfills. The updated version of the document is attached in two forms, the first illustrates markups from the currently approved document and the second is a final clean copy.

Should the committee approve the updated waste procedures, WMI would be responsible for the submittal to the IEPA.

FINANCIAL IMPACT: N/A
PROCEDURES FOR GENERAL REFUSE
AND SPECIAL WASTE RECEIVED
AT THE CITY OF PEORIA/COUNTY OF PEORIA LANDFILL NO. 2
NEAR BRIMFIELD, ILLINOIS

May 1994
Revised January 1996
Revised August 1996
Revised March 2003
Revised November 2004
Revised April 2008
Revised October 2008
Revised April 2010
Revised December 2011
Revised August 2014

X:\PE\IE\Client Data\Peoria City County Landfill\Waste Procedures\Waste Procedures August 2014.docx
Contents

1. General Description of Facility Operation
   1.1 Owner
   1.2 Operator
   1.3 Consultant

2. General Refuse and Special Waste Load Checking
   2.1 Purpose
   2.2 Random Inspections
   2.3 Recording Inspection Results
   2.4 Training of Personnel
   2.5 Handling of Regulated Hazardous Waste

3. Special Wastes
   3.1 General
   3.2 Responsibilities
      3.2.1 Owner
      3.2.2 Operator
      3.2.3 Consultant
      3.2.4 Exceptions to General Procedure
   3.3 Acceptance of Special Wastes
   3.4 Random Sampling and Analysis
   3.5 Audit of Gate Control Procedures

4. Waste Analysis Plan
   Described in Section 3.3

5. Responsibilities of Generators and Transporters of General Refuse and Special Wastes
   5.1 General
   5.2 Financial
      5.2.1 Initial Application
      5.2.2 Recertification of Wastes
      5.2.3 Special Testing Requirements
      5.2.4 Clean-Up
6 Supplemental Procedures, Guidelines, and Forms

6.1 Pre-Approved Waste Streams Landfill Acceptance Criteria
6.2 Record of Random Load Inspection
6.3 Waste Material Data Sheet
6.4 Sample Manifest
6.5 Manifest Errors or Discrepancies
6.6 Step-by-Step Gate Control Procedures Special and Non-Special Waste Streams
6.7 Rejected Loads
6.8 Waste Solidification Processing
6.9 Special Waste Recertification
6.10 Gate Control Inspection Record
6.11 Parameters and Test Methods
6.12 Quality Assurance/Quality Control for Waste Analysis
6.13 Required Containers, Preservation Techniques and Holding Times

Note:
Italic items were provided with the original application for illustrative purposes. They are not included with this updated version.
1. General Description of Facility Operation

1.1 Owner

The Peoria City/County Landfill No. 2 (a.k.a. COP Landfill No. 2, City/County Landfill 2), located off Cottonwood Road south of Edwards, Illinois, is jointly owned by the City of Peoria and the County of Peoria. Both the City and County have delegated the day to day facility administration, finances and operations to a special committee known as the "Joint City of Peoria-County of Peoria Solid Waste Disposal Facility Board"; a.k.a. Peoria City/County Landfill Committee. The composition of the Committee and support personnel are as follows.

Committee Chairman:
Appointed jointly by the City and County. Generally not an elected public official and has some scientific or engineering background.

Committee Members (6):
The City appoints two (2) council members to serve on the Committee plus one (1) private citizen. The County appoints two (2) County board members plus one (1) private citizen from within the County.

Clerical/Administrative Staff:
Provided by the City of Peoria from the Public Works Department.

Other non-voting support personnel attending committee meetings:

- City of Peoria, Director of Public Works
- County of Peoria, County Administrator
- Legal Council from County and City as needed
- Peoria County Recycling Coordinator

The Landfill Committee has authority from the City and County to:

- Sign permit documents with the Illinois Environmental Protection Agency (IEPA) and other regulatory agencies as Owner.
- Sign contracts and implement construction projects less than a specified dollar amount as determined jointly by the City and County of Peoria. Contracts or projects over this amount are subject to a favorable recommendation by the Committee and joint approval by the City and County.
- Oversee, monitor and regulate the private firm contracted to construct and operate the landfill facility.
- Approve special waste permit applications submitted to the landfill for disposal.

1.2 Operator

The Landfill Committee does not conduct the daily operation of the landfill facility. These services are contracted out to private firms who have demonstrated experience in
running landfill operations and who have a familiarity with the appropriate state and federal regulatory requirements.

In addition to the day to day operation of the landfill facility, the Operator:

- Is responsible for Gate Control (detecting and discouraging attempts to dispose of non-approved wastes at the landfill facility).
- Is responsible for record keeping at the facility.
- Is responsible for conducting random inspections of waste received at the facility.
- Is responsible for the proper training of its inspectors, equipment operators, weight station attendants and other appropriate facility personnel.
- Responsible for operating the landfill facility in accordance with state and federal regulations and the permit conditions for the landfill.
- Shall attend Landfill Committee meetings as a non-voting member.
- Review special waste and certified non-special waste applications received for disposal at landfill for conformance to state and local requirements before forwarding to the Owner. Those applications failing to meet the previously referenced requirements are to be returned to the Applicant.

1.3 Consultant

The Landfill Committee appoints a Consultant to advise and assist the committee on technical and engineering aspects of the landfill development and operation. The Consultant is retained by and works for the sole benefit of the Committee.

The Consultant must be:

- A registered Professional Engineer.
- Degreed in Civil or Environmental Engineering.
- Experienced in the design and operation of landfills.

The Consultant shall:

- Attend Landfill Committee meetings as a non-voting member.
- Review special waste and certified non-special waste applications concurrently with the Operator and make recommendation to the Owner regarding acceptance, denial or special requirements.
- Present special waste and certified non-special waste applications to the Owner at Landfill Committee meetings and shall include at a minimum: Generator’s Waste Profile Sheet, related Safety Data Sheets (SDS) or analytical results, comments, and recommendations.
- Advise the Committee on technical/engineering matters as necessary.
- Prepare engineering reports, or design related to the landfill as authorized by the Committee.
- Assist in the preparation and submittal of permits to regulatory agencies as authorized by the Committee.
• Work and coordinate with the Operator of the landfill for the benefit of the Owner.
2. General Refuse and Special Waste Load Checking

2.1 Purpose

The checking of selected loads of wastes received at the landfill shall be the responsibility of the Operator. The purpose of the load checking is to:

- Detect and discourage attempts to dispose of regulated hazardous wastes or PCB's at the City/County Landfill No. 2.
- Meet regulatory requirements of the IEPA under Ill. Adm. Code Title 35, Parts 811.323 and 811.406 and the United States Environmental Protection Agency (USEPA) under Title 40 Code of Federal Regulations, Part 258.20, the Toxic Substances Control Act (TSCA) and the National Emission Standard for Hazardous Air Pollutants (NESHAP).

A "regulated hazardous waste" means a solid waste that is a hazardous waste as defined in 40 CFR 261.3, that is not excluded from regulations as a hazardous waste under 40 CFR 261.4(b), or was not generated by a conditionally exempt Generator as defined in 40CFR 261.5. (In Illinois, the definition is under 35 Ill. Adm. Code: Subtitle G.)

Since the purpose of the Load Checking Program is to detect and discourage the disposal of regulated hazardous wastes and other prohibited waste at the City/County Landfill No. 2, a majority of the loads to be checked at random should be:

- Industrial Wastes
- Commercial Wastes
- Special Wastes
- Mixed Commercial/Residential Waste

The Gate Control procedures identified in Section 3 are in addition to the requirements of this section. The checking of selected loads of wastes received at the landfill shall be the responsibility of the Operator.

2.2 Random Inspections

The Operator of the City/County Landfill No. 2 shall designate a trained inspector or inspectors to examine at least three (3) random loads of solid waste delivered to the landfill on a random day each week. At a minimum, the load checking shall consist of the following:

- The drivers randomly selected by the inspector shall be directed to discharge their loads at a separate, designated location within the landfill facility.
- Drivers or transporters of waste failing to cooperate with the random load inspection shall automatically have that waste load rejected at the gate and shall be turned away.
A detailed visual inspection of the discharged material shall be made for any regulated hazardous, PCB, or other unacceptable wastes that may be present. The results of the inspectors shall be recorded (the use of camera or other video equipment to record the visible contents of the waste shipments is appropriate for the record keeping process). See Section 2.5 for the handling of any regulated hazardous or PCB wastes identified during the random load checking process. If a regulated hazardous waste or other unacceptable wastes are suspected, the Operator shall communicate with the Generator, hauler, or other responsible party for shipping the waste to the landfill.

To alert the users of the Peoria City/County Landfill No. 2 of the load checking program, the Operator shall post and maintain a sign at the entrance to the facility advising of the random inspections. Furthermore, if cameras or other video devices are contemplated during the load inspections, their use is also to be designated on a sign near the entrance to the landfill.

2.3 Recording Inspection Results

Information and observations derived from each random inspection shall be recorded in writing and retained at the facility for at least three (3) years. A summary of the random inspection shall also be reported to the Landfill Committee at their regular monthly meetings. Any regulated hazardous wastes or PCB's identified by random load checking shall be promptly brought to the Owner (via support staff at the City of Peoria Public Works Department) and the Consultant's attention. A suggested Random Load Inspection Form is presented in Section 6.2.

At a minimum, the recorded information shall include:

- Date and time of inspection.
- Name of inspector.
- Names of hauling firm and the driver of the vehicle.
- The vehicle license plate number.
- The special waste transporter's identification number, if applicable.
- Source of the waste, as stated by the driver.
- If a special waste, the permit number and Generator's name and address identified on the manifest.
- Observation made by the inspector during the detailed inspection.
- The written record shall be signed by both the inspector and the driver.

2.4 Training of Personnel

The Operator of the City/County Landfill No. 2 facility shall train designated inspectors and other appropriate landfill facility personnel; i.e., equipment operators, weight station attendants, or spotters as necessary in the identification of potential sources of regulated hazardous wastes.

The training program shall include but not be limited to:
• Familiarity with containers typically used for regulated hazardous materials.
• Familiarity with labels regulated for hazardous wastes, under RCRA.
• Hazardous materials under the Hazardous Materials Transportation Act (49 U.S.C. 1801 et. seq.).
• Site safety, personnel protection equipment, and special monitoring equipment (in the case of load inspectors).

A listing of site personnel receiving the above referenced training shall be maintained at the facility; said listing shall include the date of initial training and any subsequent refresher training.

2.5 Handling of Regulated Hazardous Waste

If any regulated hazardous wastes or PCB's are identified by random load checking, or are otherwise discovered to be improperly deposited at the landfill facility, the Operator shall promptly notify:

- The Agency (IEPA).
- The person responsible for shipping the wastes to the landfill.
- The Generator of the wastes, if known.
- The Owner (thru the support staff at City of Peoria Public Works Department or the County Administrator).
- The Consultant (via Owner).

Subsequent waste loads identical to the regulated hazardous wastes or PCB's identified thru the random load checking which have not yet been deposited in the landfill shall not be accepted at the gate for disposal.

The area where the waste was deposited for random inspection shall be immediately cordoned off from public access.

The Operator and Owner of the City/County Landfill No. 2 shall assure the clean-up, transportation and disposal of the waste at a permitted hazardous waste management facility. In no case, shall the waste be allowed to remain at the landfill facility for the length of time sufficient to invoke a hazardous wastes storage/disposal facility designation. All costs associated with the proper cleaning, transporting and disposal of the wastes (including any laboratory sampling or testing costs) shall be the responsibility of the party responsible for transporting the waste to the Peoria City/County Landfill No. 2.

Any subsequent shipments by persons or sources found or suspected to be previously responsible for shipping regulated hazardous wastes shall be subject to the following special precautionary measures prior to the landfill accepting the wastes. The Operator shall use precautionary measures such as:

- Question the driver concerning the waste contents prior to discharge and, visually inspecting the waste discharged from the load at the working face, or
• requiring the load to be discharged and inspected at designated site elsewhere, or
• in the case of special waste loads, requiring additional laboratory test results of individual loads or batches of waste verifying their non-hazardous characteristics. (Cost for supplemental testing shall be the responsibility of the Generator.) The analysis may be performed at any laboratory which utilizes SW-846 methods.
• The length of time special precautionary measures shall remain in effect shall depend upon the transport frequency of waste loads, the seriousness of the violation, and if any subsequent unsuitable wastes are discovered or suspected.

The Owner or Operator of Peoria City/County Landfill No. 2 may terminate disposal privileges of any responsible party for subsequent violations.

2.6 Sign

A prominent sign will be placed at the entrance of the facility to inform all generators and transporter of waste of the following:
Peoria City-County Landfill No.2

All waste is subject to a random load checking program.

All special waste loads must be accompanied by a special waste manifest, a special waste profile identification sheet and a special waste recertification.

All special waste loads will be inspected at the gate and subject to fingerprint testing.

The owner and operator have the right to reject any load or portion of a load.

No hazardous, liquid, radioactive or PCB containing wastes will be accepted.

The generator and hauler will be responsible for all costs associated with additional testing, handling, clean-up and disposal of a waste suspected or deemed to be unacceptable.
3. Special Wastes

3.1 General

The special waste procedure was developed to provide the mechanisms necessary for the Landfill Committee to assure proper control over the receipt of non-hazardous special wastes and non-hazardous special wastes that have been certified as non-special by the generator.

3.2 Responsibilities

3.2.1 Owner

The Landfill Committee has final authority regarding acceptance of special and certified non-special waste streams to be disposed at the City/County Landfill No. 2. The Committee also sets policy as to the types, amounts, and classes of special certified non-special wastes that are considered acceptable for disposal at the City/County Landfill No. 2. The Landfill Committee will consider special and certified non-special waste streams for approval or acceptance at their regular meetings. No special or certified non-special wastes are to be received at the gate until approval is given by the Committee. See Section 6.1 for the overall Acceptance Criteria.

The Landfill Committee may, where time is of the essence, pre-approve classes of special certified non-special waste permits providing specific procedures are developed. Such pre-approved wastes are also to be reviewed at the monthly committee meeting.

3.2.2 Operator

Generators of special wastes seeking to dispose at the City/County Landfill No. 2 are required to contact the Operator of the landfill facility. The Operator is to advise the Generator of the Owner's, Operator’s and Illinois Environmental Protection Agency's regulatory requirements and procedures for obtaining the required authorization.

3.2.3 Consultant

The consultant receives the special certified non-special waste application packet from the Operator and conducts an independent review of the information and data for conformance to the Owner's requirements and Agency regulations. The Consultant will submit a written report to the Owner for action at the monthly Landfill Committee Meeting. The written report shall summarize the findings of the review, state whether or not there are technical objections and recommend special conditions, if required (in the event of conditional approval by the Committee).

Should the Consultant have questions about the application, discover deficiencies or require additional information, he shall advise the Operator. The final report will not be made to the Owner by the Consultant until the questions are answered, additional information is provided or deficiencies are corrected.
3.2.4 Exceptions to General Procedure

There are two (2) exceptions to the general procedure:

**Emergency Waste streams**
Emergency Permits are sometimes requested to assist in emergency cleanups of spills that the Agency (IEPA) has determined to be non-hazardous in nature. In this case, the wastes may be accepted at the landfill providing the following staff support personnel concur with the Operator's recommendation:

- City of Peoria Director of Public Works (or as designated by the Committee)
- the Landfill Committee's Consultant

All emergency permits accepted are reviewed by the Landfill Committee at their monthly meetings.

**Pre-approved Waste streams**
The Landfill Committee has abbreviated their own acceptance process and pre-approves specific waste streams under certain conditions. This is possible for waste streams which are narrow in scope, and have well defined criteria. These waste streams may be accepted at the landfill gate once the Owner’s Consultant has reviewed the application and is satisfied that it meets the Owner’s and IEPA’s acceptance criteria. All pre-approved permits are reviewed by the Committee at their regular meeting. A list of pre-approved waste streams is provided in 6.01.

3.3 Acceptance of Special Waste

Special waste acceptance shall be in accordance with the current site operating permit and as described in the Waste Solidification Processing Plan and Special Waste Plan dated November 2004 and approved by the Agency in Modification No. 48 (Log No 2004-446) to the site operating permit (No. 1996-089-LF).

Step-by-step procedures for special and certified non-special waste streams are summarized in 6.6.
3.4 Random Sampling and Analysis

Special Waste Streams and Certified Non-Special Waste Streams received at the City/County Landfill No. 2 are subject to random sampling and analysis. This is in addition to sampling and testing required for waste stream characterization.

Samples of waste from the Generator prior to shipment may be requested on a random basis. The sample will be submitted to the appropriate laboratory for characteristics prior to disposal. Should any non-conforming wastes be discovered, then additional pre-shipment testing, in accordance with a schedule established by the facility's Operator and Landfill Committee, may be required (costs associated with additional pre-shipment testing shall be paid by the Generator).

Selection of the Generator for random testing shall be based upon one of the following criteria:

- Selection at time new authorizations or renewals are reviewed for acceptance. Based upon concerns about waste type, consistency of waste stream or lab test results that are within regulatory parameters but variability is suspected.
- Selection based upon inspections of previous loads checked at gate.
- Selection based upon previous random sample tests.
- The Committee, Operator, or Committee's Consultant can select Generators for random testing, independent of the above criteria.

When a random sample is desired, the Owner will inform the Operator of which waste stream is to be sampled and a time frame for accomplishing the sampling. The Operator will be allowed time to coordinate the sampling so that waste disposal will not be interrupted or waste will not be stored for an excessive time period. The Owner will provide the sample containers, obtain the samples, if appropriate, and conduct the analysis, all at the Committee's expense.
3.5 Audit of Gate Control Procedures

In order to maintain quality performance by Gate Control personnel, Gate Control operations will be audited semi-annually by a team consisting of one person representing the Facility Operator and one person representing the Landfill Committee. A recommended evaluation form is presented in Section 6.13. The audit results shall be reported to and filed at the landfill office. An additional copy shall be provided to the Landfill Committee, care of the City of Peoria, Public Works Department.
5 Responsibilities of Generators and Transporters of General Refuse and Special Wastes

5.1 General

Any inspection, testing or acceptance of wastes by the Peoria City/County Landfill No. 2 shall not relieve the Generator or transporter of responsibility for compliance with the requirements of waste disposal regulations issued by the IEPA (35 IL Adm. Code 700, Subtitle G).

5.2 Financial

5.2.1 Initial Application

The Generator is responsible for all costs associated with the sampling, testing and application preparation of any special waste disposal permits submitted to the City/County Landfill No. 2 for acceptance.

5.2.2 Recertification of Wastes

The Generator is responsible for all costs associated with sampling, testing, or any investigation associated with recertification of wastes.

5.2.3 Special Testing Requirements

The Generator is responsible for all costs associated with sampling and testing to comply with the bi-annual analysis of wastes. The Generator is also responsible for any additional testing required by the City/County Landfill No. 2 to demonstrate continued acceptability of the waste for disposal.

5.2.4 Clean-Up

Any hazardous wastes or any other waste in violation of State or City/County Landfill No. 2 rules or regulations found disposed at the landfill shall be the responsibility of the transporter and/or the Generator. This includes all costs associated with proper clean-up, transportation and disposal of the wastes.
6.01 Pre-Approved Waste Streams

Peoria City/County Landfill No. 2
Effective 11/89
Revised 3/93
Revised 9/02
Revised 1/03
Revised 4/08
Revised 10/08
Revised 8/14

All special waste streams and certified non-special waste streams will be reviewed and approved individually by the Peoria City-County Landfill Committee, except for pre-approved waste streams. The Committee has deemed that the character of pre-approved waste streams does not merit individual consideration at the Committee level and is best managed by administrative processes.

Pre-approved waste streams shall meet the following conditions:

1. **Acceptance:** Both the Landfill Committee’s Consultant and The Facility Operator must concur in the acceptability of the Waste Stream. The Landfill Committee’s Consultant may request additional information prior to acceptance.

2. **Records:** Applicants for these Waste Streams shall continue to fill out a Generators Waste Profile Sheet. The Landfill Committee shall receive the Generator’s Waste Profile Sheet, Consultant’s comments, and appropriate SDS or analytical results at Landfill Committee Meetings. from time to time, via a short report, be advised of the Waste Streams accepted.

3. **Testing:** The testing requirements necessary for these Waste Streams are incorporated in the Facility Operator’s Permit and must be adhered to prior to acceptance. It is the Generator’s responsibility to certify that the waste they deliver is non-hazardous and acceptable for delivery to the facility.

4. **Compliance:** Pre-approval does not relieve the Generator and Landfill Operator from complying with all applicable laws and regulations.

5. **Applicable Waste Streams:**

- Contaminated Soil or Debris
  - Soil or debris contaminated by petroleum products, some examples may include the following:
    - Unleaded Gasoline/Diesel Fuel
    - Fuel Oil
    - Kerosene
    - Non-PCB hydraulic oil
    - Non-recyclable Asphalt
• Soil or debris contaminated by any petroleum product.
• Non-Hazardous Pesticide/Herbicide Contaminated Gravel, Soil, Debris.
• Pre-approval for contaminated soil or debris only applies to a total volume less than 100 tons. The Landfill Committee must approve volumes in excess of this amount.

Asbestos Containing Material
• Asbestos Containing Materials, both Friable and Non-Friable Asbestos.
  Asbestos disposal location shall be recorded by the Operator on a map or by other methods to document the location of disposal.

Publicly Owned Treatment Works (POTW) Sludge
• Digested Waste Water Treatment sludge generated from municipally owned and operated treatment facilities.

Consumer Products in Original Packaging
• Consumer products in original packaging that are not presentable for sale to the consumer.

Treated Wood - Weathered
• Aged and weathered treated wood material typically consisting of railroad ties, decking and landscape timbers.
• Pre-approval for weathered treated wood only applies to a total volume less than 20 cubic yards. The Landfill Committee must approve volumes in excess of this amount.

Sandblast Grit
  Sandblast grit used in surface preparation for painting.

Recalled Food Products
• Food products that have been recalled for health reasons as determined by United States Food and Drug Administration and/or the local state or county equivalent.

Previously Approved Waste Streams
• Waste streams must be reconsidered and recertified by the Generator every five years or less if requested by the Committee. Waste Streams previously approved by the Committee shall be pre-approved.

6. **Reconsideration:** The Committee reserves the right to recall any pre-approved waste stream, request more information, place conditions on future receipts of that waste stream and/or withdraw the approval.
Acceptance Criteria
Peoria City/County Landfill No. 2

General
1. The Operator has the right to reject any load or portion of a load.
2. Hazardous waste shall not be accepted.
3. No radioactive waste shall be accepted.
4. Wastes not in conformance with potentially infectious medical waste (PIMW) regulations as defined in Section 56 of the Act shall not be accepted.
5. No liquid waste will be accepted, unless in original consumer sized packaging except or in accordance with the Waste Solidification Processing Plan.
5-6. Electronic waste shall not be accepted for disposal.

Special Waste and Certified Non-Special Waste
1. Special waste and Certified Non-Special Waste will be accepted, only with a valid waste stream profile and authorization.
2. The waste stream profile shall accurately characterize the waste stream and not be more than five years old.
3. All loads must be easily accessible for inspection at Gate Control, unless it is a certified non-special waste stream and it has been approved to be commingled by the Committee.

Prohibited Items and Waste Streams
1. Storage batteries (i.e., auto),
2. Pesticides, herbicides, insecticides,
3. Waste petroleum grease or oil,
4. Auto components containing grease or oil,
5. Household and industrial chemicals,
6. Paint (except latex-based, which is acceptable),
7. Anything flammable, and
8. Delisted K061 Electric Arc Furnace (EAF) dust.
8.9. Items and waste streams listed under Illinois Compiled Statutes (ILCS) 415 ILCS 150 otherwise known as Electronic Products Recycling and Reuse Act
6.6 Step-by-Step Gate Control Procedures
Special and Non-Special Waste Streams

1. Generator desires to dispose of a special waste at the Peoria City/County Landfill No. 2.

2. Operator assists the Generator, if required in characterizing the waste and compiling the Waste Profile and supporting documentation. The Generator and Operator will determine if the special waste will be managed as a manifested non-hazardous special waste or as a certified non-special waste.

No special or certified non-special waste will be accepted until after review and approval by the Operator and Owner. Certified non-special waste will be subject to the same procedures as special wastes, except they will not be manifested. Co-mingling of certified non-special waste streams with general refuse will not be allowed unless previously approved by the Owner and Operator.

3. The Operator forwards the Profile Packet to the Operator’s Waste Review Process and the Owner’s Consultant.

4. Each waste stream packet is reviewed independently by the Operator’s and Owner’s Consultants. Any questions are forwarded to the Operator for resolution.

5. The Owner’s Consultant prepares a review memo, stating any objections or recommendations for conditions, one week prior to the Owner’s Committee meeting.

6. Upon approval by the Committee and Operator, the Operator will:
   - Notify the Generator that they may ship the waste;
   - Inform them of all scheduling and receipt requirements;
   - Submit a copy of the Waste Profile Packet to the Gate.

7. The Gate will maintain all Waste Profiles Packets in Binders at the scale house.

8. It is preferred that the receipt of special and non-special wastes be scheduled or expected.

9. All special and non-special waste loads will be verified visually, by video camera or inspection, to correspond to the Waste Profile.

10. Other than one-time special or non-special waste streams, a photograph of the typical waste will be maintained in the binder. Photos will be less than 5 years old. The Gate will refer to the photos for waste streams for conformance, if it is a waste they are not familiar with.

11. The Driver will provide the appropriate documentation or manifest for the waste. The Gate will confirm that the Waste Profile has been approved.

12. If the Gate personnel determines that the waste does not conform to the Waste Profile on file, that the approvals have not been issued, the necessary documentation has not accompanied the load, or for any other reason, the load will be rejected until the appropriate information is provided.

13. The Generator is responsible for the waste at all times, including all certifications, characterizations, and proper shipment.

14. Manifests will be handled and maintained as required.
15. All special and non-special loads will be weighed and documented with the corresponding Waste Profile number by the computer, or manually, when required for back-up.

16. The Operator will provide an itemized summary of all special and non-special wastes received each month to the Owner.
6.8 Waste Solidification Processing

Waste streams which contain free liquids may be accepted at Peoria City-County Landfill No. 2 for processing in the permitted waste solidification processing facility detailed in Section 3.3. The processing method involves solidifying nonhazardous liquids, sludges and other semisolid waste streams utilizing reagents and/or absorbents and mechanical mixing. The solidification process continues until the resultant material blend passes the paint filter test. Following solidification, the waste materials are landfilled at the site.

All waste streams will be managed in accordance with the City of Peoria/County of Peoria special/non-special waste procedures, in addition to IEPA procedures, including requiring approval by the Solid Waste Disposal Facility Board prior to receipt.

Reagents or absorbents, which would be defined as special or certified non-special waste, if they were not used in the solidification process, will also adhere to the City of Peoria/County of Peoria special/non-special waste procedures, including requiring approval by the Solid Waste Disposal Facility Board prior to receipt.
6.10 Gate Control Inspection Record
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Mike Wiersema & Dan Erni, Waste Management

AGENDA DATE REQUESTED: October 15, 2014

ACTION REQUESTED: Receive and File Monthly Reports

BACKGROUND: Attached is the monthly activity report through September 2014.

1. All weekly random load checks were completed and documented with no issues to report.

2. To allow sufficient time to respond to short-term submittal requirements that may arise prior to the next Landfill Committee meeting, we respectfully request authorization for Mr. Bergsten to sign such documents, subject to review and approval in advance by Foth.

FINANCIAL IMPACT: NA
## Peoria City/County Landfill No. 2
### Waste Management of Illinois, Inc.
### Monthly Activity Report
#### September 2014

<table>
<thead>
<tr>
<th>Tonnage: General Refuse</th>
<th>Current Year to Date</th>
<th>Landfill #2 Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haulers</td>
<td>16,740.48</td>
<td>151,835.21</td>
</tr>
<tr>
<td>County Res. Free Loads</td>
<td>128.53</td>
<td>1,310.59</td>
</tr>
<tr>
<td>County Res. $5 Loads</td>
<td>3.23</td>
<td>22.11</td>
</tr>
<tr>
<td>Roadside</td>
<td>0.64</td>
<td>8.49</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>16,872.88</strong></td>
<td><strong>153,176.40</strong></td>
</tr>
</tbody>
</table>

### Special Wastes
- Industrial (Declassified)
  - Tons: 849.50
  - Rate: $2.20
  - Total: $1,868.90
- Industrial (Exempt)
  - Tons: 0.00
  - Rate: 0.00
  - Total: 0.00

### TOTAL LANDFILL RECEIPTS
- General Refuse:
  - Tons: 16,740.48
  - Rate: $2.20
  - Total: $36,829.06
- Special Waste - Ind.
  - Tons: 849.50
  - Rate: $2.20
  - Total: $1,868.90

### Yard Waste Receipts
- City Contract -
  - Tons: 0.00
  - Rate: 0.00
  - Total: 0.00
- All Other
  - Tons: 0.00
  - Rate: 0.00
  - Total: 810.16

### Payments: Payable to City/County Committee
- General Refuse
  - Tons: 16,740.48
  - Rate: $2.20
  - Total: $36,829.06
- Special Waste - Ind.
  - Tons: 849.50
  - Rate: $2.20
  - Total: $1,868.90

### Payable to County
- General Refuse
  - Tons: 16,740.48
  - Rate: $1.27
  - Total: $21,260.41
- Special Waste - Ind.
  - Tons: 849.50
  - Rate: $1.27
  - Total: $1,078.87

### Payable to/Receivable From County
- $5 Loads
  - Loads: 16.00
  - Rate: $5.00
  - Total: $80.00
- Less:
  - State Fee on Free and $5 Loads
    - Tons: 131.76
    - Rate: $2.22
    - Total: ($292.51)

### Tonnage: General Refuse & Special Waste
- In county
  - Tons: 9,399.44
  - Percentage: 53.04%
  - Total: 82,222.86
- Out of county
  - Tons: 8,322.94
  - Percentage: 46.96%
  - Total: 73,113.88
- Mixed
  - Tons: 0.00
  - Percentage: 0.00%
  - Total: 0.00
- TOTAL
  - Tons: 17,722.38
  - Percentage: 100.00%
  - Total: 164,895.62