**PEORIA CITY/COUNTY LANDFILL COMMITTEE**

**REGULAR BUSINESS MEETING AGENDA**

**WEDNESDAY, MAY 20, 2015**

*******8:00 A.M.*******

**DATES SET:**

**WEDNESDAY, June 17, 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.

**WEDNESDAY, July 15, 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.

**WEDNESDAY, August 19, 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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**PEORIA CITY/COUNTY LANDFILL COMMITTEE**

**AGENDAS AND MINUTES**

**ISSUED BY:**

LESTER D. BERGSTEN, CHAIRMAN
via the PUBLIC WORKS DEPARTMENT
3505 N. Dries Lane
(309) 494-8800

INTERNET ADDRESS: www.peoriagov.org

To access electronic Agenda & Minutes (only):
1. www.peoriagov.org
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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 8:00 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  
May 20, 2015 @ 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: April 15, 2015  

AGENDA ITEMS  

Item No. 1  
Report from Foth Infrastructure & Environment, LLC  
A. Special Waste Approvals as Needed  
B. Permit Approvals as Needed  
C. 1st Quarter 2015 Groundwater Update  
D. Update on Monthly Waste Volumes Received at Landfill No. 2  
E. Updates Regarding Compliance Activities, Measures & Progress  

Item No. 2  
Landfill Monthly Budget Report  

Item No. 3  
Report from Waste Management, Inc.  
A. Monthly Activity Report  
B. Permit Approvals as Needed  

Item No. 4  
Report from Peoria Disposal Co.  
A. Receive and File USACOE Provisional 404 Permit for Vicary Bottoms Wetland Mitigation Project  
B. Update on IEPA Bureau of Water 401 Permit Process  
C. Update on Wigand Disposal Recycling Drop-Off Location in Chillicothe  

Unfinished Business:  
- Renewable Energy  

New Business  

Next Meeting: June 18, 2015  

Executive Session  

Adjournment
OFFICIAL PROCEEDINGS:

FOR THE PEORIA CITY/COUNTY LANDFILL COMMITTEE MEETING:

APRIL 15, 2015

Peoria, Illinois, April, 2015, a Regular Meeting of the Peoria City/County Landfill Committee was held this date at 8:05 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 Lester Bergsten, Rick Fox (via phone), Steve Morris, Lynn Scott-Pearson, Tim Riggenbach, Ryan Spain and Steve Van Winkle – 7.

MEMBERS ABSENT: None.

CITY/COUNTY STAFF PRESENT: Steve Giebelhausen, Vikki Hibberd, Janice Little, Michael Rogers, Karen Raithel, Scott Sorrell and Stephanie Stapleton.

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

ANNOUNCEMENTS

Chairman Bergsten announced that the re-appointment as the Landfill Committee Chairman was approved by the City Council and the County Board.

CITIZENS OPPORTUNITY TO ADDRESS THE COMMITTEE

NONE.

MINUTES

Mr. Van Winkle moved to approve the minutes for March 15, 2015, seconded by Mr. Riggenbach.

The minutes were 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 on non-special waste profile, 106557IL for Powerton Generating Station for Fly Ash that required the Committee’s approval. He explained that this profile was originally approved in March 2009, and expired in 2014. Due to the profile expiring and different quantities, this current profile was considered as a new profile. He stated this particular waste stream was from a silo clean out maintenance project. Normally, he said, their waste streams go through Canton for filling; however, this would be a secondary option for disposal. The maximum quantity shall conform to the request as provided by Waste Management of 200 tons per event and WM would haul the material in 20 cubic yard roll off containers for placement in PCCL2. Foth recommended that efforts be made to limit dust exposure to the surrounding areas and personnel. Foth had no technical objections to this current waste stream. There were two pre-approved non-special profiles from Premcor. These profiles fall under...
the guidelines and were pre-approved per the Committee’s Petroleum Contaminated Soil and Debris Policy. He stated that Premcor Refinery Group Inc. was a current client of Foth Infrastructure & Environment, LLC; however, Foth had no input into the decision to request soil disposal of the Peoria City County Landfill.

In regards to the disposal of the Fly Ash, Mr. Rogers with Waste Management reiterated that this would be a backup plan. He said a vacuum truck would be used to clear the material out and it would be placed into a 20 yard roll off versus hauling it in a semi, which would be much higher than their preferred method.

Mr. Gabehart recommended that the Committee consider adopting a policy statement for coal combustion residue acceptance. He explained that the policy should establish acceptable quantities that would be permitted to be disposed at the landfill, detailed handling and placement practices for the landfill operator including dust control plans and location of CCR in the fill sequence, and other criteria to ensure safe disposal of the material.

Chairman Bergsten suggested that Foth work with both PDC and Waste Management to develop policy guidelines and report back to Committee. The Committee concurred.

Mr. Fox said after the last presentation regarding Coal Combustion, one of the recommendations was to develop policy guidelines, which he felt was appropriate.

Mr. Gabehart stated that he wasn’t certain if the Committee wanted him to move forward with developing the policy, after that presentation. However, he said he would work with developing the policy, but at this time there were some budget constraints that he would further discuss with the Committee.

During a previous discussion regarding Fly Ash, Mr. Morris thought that the Fly Ash was not suppose to be mixed with municipal solid waste because it had certain chemicals in it that interfered with the normal landfill process. Currently, the Committee does not have a policy in place; therefore, he was concerned about potential problems at the Landfill.

Mr. Coulter stated that these quantities would not affect the Landfill; however, if waste streams were larger quantities such as 50,000 or 100,000 then a different management practice would be needed. He further explained that there were different types of Fly Ash. He recommended that Foth meet with PDC and Waste Management to develop guidelines.

In discussion with Mr. Morris regarding the disposal of fly ash, Mr. Wiersema stated that the quantity size could be handled as their normal routine; however, he said the fly ash should not be disposed in the lower section of the landfill within 15 – 30 ft so it does not get into the leachate collection system. He explained that measures need to be taken contain the dust.

Mr. Gabehart stated that he would meet with Waste Manage Management and PDC to work towards developing a policy guidelines for fly ash.

(B) PERMIT APPROVALS AS NEEDED

Mr. Gabehart gave a brief overview of the Title V – Clean Air Act Permit Program (CAAPP) Annual Compliance Certification. In addition to the site’s Clean Air Act Permit, the Annual Compliance Certification was due to the IEPA on May 1, 2015, he said. He explained that the report provided a summary of the compliance history from the previous year and summarized areas of non-compliance with both Landfill No. 1 and Landfill No. 2.

Mr. Gabehart stated that he did not anticipate any other reports that would require Bergsten’s signature, but respectfully request approval to obtain Chairman Bergsten’s signature, should the need arise prior to the next Committee meeting.
Mr. Van Winkle moved to receive and file Foth’s report, as outlined; including securing Mr. Bergsten’s signature on additional permits, should the need arise; seconded by Mr. Spain.

Motion was approved by viva voce vote.

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

- **Financial Information**

Mr. Gabehart stated that the attached spreadsheet reflected the engineering services provided from **July 1, 2014 through March 27, 2015**. He said the total amount billed to date was **$277,636.16**, which included costs for construction observation, pump and other related material purchases, legal support services and ongoing operational costs. He pointed out that the legal support services were originally budgeted at $5,000 and the current billing was at $16,652.27 due to the request by the Committee for additional services associated with the RTC litigation, which also included file search, review of historic documentation and consultation with the Committee’s legal counsel.

No action required.

- **Updates Regarding Compliance Activities, Measurers and Progress**

During the month of March, Mr. Gabehart stated that there were no scheduled or unscheduled shutdowns of the Landfill Flare.

Mr. Gabehart stated that the month of March was very productive with the leachate extractions and with the GCCS improvements. Since January 30th, he stated that 45,700 gallons of leachate/condensate had been removed from Landfill No. 1 and transported to the GPSD for treatment. Of the 45,700 gallons, 28,000 gallons were extracted during March, he said.

Mr. Gabehart said through proper maintenance, condensate removal and monitoring of the GCCS, only one gas well (R-5) exhibited positive pressure in March, which had decreased from two (2) gas wells in February and three (3) gas wells in January.

Mr. Gabehart stated that 75% of the Engineering services budget was complete, which included the additional services that required the GCCS project and legal support; and, the current expenditures are 98% of the approved engineering budget.

Mr. Gabehart stated that there was a possibility that Foth would exceed their proposed budget due to emergency situations outside their normal operation; however, he said that Foth was trying to absorb the cost within their budget. He made a cost comparison for various months as it pertained to repairs and shutdowns. He said that the corrective action update was submitted by Foth to the EPA for January, February and March. He explained that a response would be due by June; therefore, he felt that $10,000 could be reallocated within the budget to support the overage. He said that he had discussed with Director Rogers and that he was working on other options to alleviate the overage within their budget.

Mr. Gabehart questioned if the Committee would like for him to proceed with meetings with Waste Management and PDC to work on the policy guidelines for fly ash. He felt that he could wait until June or July to start this work.

Director Rogers recommended that the Committee would wait until the next approved contract to start working on developing these guidelines with Waste Management and PDC, since there is a potential of Foth exceeding the contract amount. He stated that he was uncomfortable with going over budget because of the emergency situations that did come up. He felt that it would be easier to manage and most effective if they
started with the new contract. He would working with Foth to make sure that they did not exceed the budgeted amount.

Mr. Van Winkle stated that he was impressed with the transparency and how the budget was managed.

Mr. Fox stated that the budget was a tool used to manage funds, but questioned why would the Committee wait to move forward with developing the policy.

Mr. Van Winkle stated that the Committee did not have to receive any additional waste streams for Fly Ash until a policy was in place.

The Committee concurred with Director Rogers’s recommendation.

In discussion with Mr. Fox, Mr. Wiersema stated that he felt that prolonging the policy guidelines for a few months was not going to be a problem.

Mr. Spain moved to receive and file Foth’s report, as outlined; including securing Mr. Bergsten’s signature on additional permits, should the need arise; seconded by Mr. Riggenbach.

Motion was approved by viva voce vote.

**ITEM NO. 2    LANDFILL BUDGET REPORT**

Mr. Rogers gave a brief overview of the revenue and expense financial report for financial transactions occurring in March 2015 first quarterly financial. He explained that the actual revenues for the month of March were in excess of the expenditures and reflect a favorable balance of $4,052.23. He further explained that the first quarter revenues were, likewise in excess of the expenditures for the reporting period and reflect favorable balance of $6,893.84 for the first three months of the year.

No action required.

**ITEM NO. 3    REPORT FROM WASTE MANAGEMENT INC.**

- Monthly Activity Report

Mr. Wiersema gave a brief overview of the monthly activity report through March 2015. He said that the weekly random load checks were completed and documented with no issues to report.

Mr. Wiersema requested Chairman Bergsten’s signature on the 2015 closure and post closure cost estimate update for Landfill No. 2. He said the submittal would be subject to review and approval in advance by Foth.

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, subject to review and approval in advance by Foth.

Ms. Scott-Pearson 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 Mr. Spain.

Motion was approved by viva voce vote.
ITEM NO. 4 REPORT FROM PEORIA DISPOSAL

Mr. Coulter stated that the 30-day comment period for the Peoria City/County Landfill expired on March 26, 2015 and that there were no outstanding issues that needed to be addressed. He said that he received three letters from Mr. Gene Walsh with the USACOE on the proposed Vicary Bottoms Wetland Mitigation project, which were included in the Committee’s packet. He said the permit would be processed in April or early May.

Mr. Riggenbach moved to receive and file PDC’s report; seconded by Mr. Van Winkle.

Motion approved by viva voce vote.

UNFINISHED BUSINESS

RENEWABLE ENERGY

Mr. Sorrel stated that staff was still investigating this matter. He stated a formal report would be compiled with options for discussion as it pertained to cost, revenue, risk factors and legalities. He anticipated the report would be prepared for the next scheduled meeting.

- FOTH – ENGINEERING SERVICES AGREEMENT

Director Rogers questioned if the Committee had any additional questions regarding the proposed agreement.

Chairman Bergsten pointed out that on page 3 (Items 4, 5, 6 and 7) should state Landfill No. 1.

Mr. Gabehart stated that Foth would make the necessary changes to the agreement prior to routing for signatures.

Mr. Van Winkle moved to approve the contract along with the necessary corrections on Page 3 (Items 4, 5, 6 and 7) to read Landfill No. 1 with Foth Infrastructure & Environment for a period of one year from July 1, 2015 through June 30, 2016, for the engineering services agreement with the Peoria City/County Landfill Committee in the amount of $253,000; seconded by Ms. Scott-Pearson.

The motion was approved by viva voce vote.

NEW BUSINESS

Mr. Van Winkle questioned if a report could be provided to show the waste volumes received by month at Peoria City County Landfill No. 2 by Waste Management of Illinois from May of 2009 through March of 2015.

Mr. Gabehart stated that he report back next month to the Committee.

NEXT MEETING

Chairman Bergsten stated the next regularly scheduled meeting would be held at 8:00 a.m. on Wednesday, May 20, 2015, at the Lester D. Bergsten Operations & Maintenance Facility, 3505 N. Dries Lane, Peoria, Illinois.

EXECUTIVE SESSION

REQUESTING APPROVAL OF A MOTION FOR THE PEORIA CITY/COUNTY LANDFILL COMMITTEE GO INTO EXECUTIVE SESSION TO DISCUSS 2(C)(11) LITIGATION, WHEN AN ACTION AGAINST, AFFECTING, OR ON BEHALF OF THE PARTICULAR PUBLIC
BODY HAS BEEN FILED AND IS PENDING BEFORE A COURT OR ADMINISTRATIVE TRIBUNAL, OR WHEN THE PUBLIC BODY FINDS THAT SUCH AN ACTION IS PROBABLE OR IMMINENT.

ADJOURNMENT

Mr. Spain moved to adjourn the regular Peoria City/County Landfill Committee Meeting; seconded by Mr. Riggenbach.

Approved by viva voce vote.

The Landfill Committee adjourned at 8:50 a.m.

________________________
Lester D. Bergsten, Chairman

/SS

Lester D. Bergsten, Chairman
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Joshua Gabehart, P.E., Foth

AGENDA DATE REQUESTED: May 20, 2015

ACTION REQUESTED: Committee approval required for non-special waste profile, 610006IL Advanced Technology Services/Caterpillar and recertification of profile 108244IL Praxair, Inc. Receive and file three (3) additional pre-approved non-special profiles.

BACKGROUND: The non-special waste profile requiring committee approval is from Advanced Technology Services/Caterpillar for discarded hoses and routine municipal solid waste. Two (2) of the pre-approved waste profiles were approved per the Committee’s Petroleum Contaminated Soil and Debris Policy and one (1) was pre-approved per the Committee’s Asbestos Containing Material (ACM) Policy. One (1) pre-approved waste stream, Profile 108244IL from Praxair, Inc., was administratively approved June of 2010 and requires renewal.

Foth has no technical objections for the acceptance of all waste streams listed above.

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  
DATE: May 20, 2015

FROM: Mark Williams  
NUMBER: 14P100.14

SUBJECT: Special Waste Permits

Waste Management has presented the following waste stream.

Profiles for Approval (Action is Necessary):

1.

| Advanced Technology Services/Caterpillar | MSW and hoses containing residual oils |
| 8201 N University Dr. Bldg C Peoria, IL 61615 | |

| Application Dated: 04/06/2015 | Municipal solid waste and discarded transmission and hydraulic hoses containing residual oils. |
| Received: 04/22/2015 | |

| Source: Peoria County Type: Non-Special Profile # 61006IL | Expected Quantity = 42 yards Frequency = One-time |

| Subject to County Fee = yes Last Tested = SDS | |

Comments: This waste stream is certified by the generator as non-special waste based on SDS sheets. This waste stream contains discarded hoses that contain residual oil and routine solid waste that would normally be disposed of at the landfill. We have no technical objections.

Pre-Approved Waste Streams (No Action is Required. For Information Only)

- Kevin Stimpert, Minonk, IL, Profile 610048IL, Asbestos Containing Material Policy, 15 yards, one-time.
- D.A. Hoerr and Sons Inc., Peoria, IL, Profile 610044IL, Petroleum Containing
Soil and Debris Policy, 1,500 tons, one-time.

- Plotkin Enterprises, LLC, Peoria, IL Profile 610036IL, Petroleum Containing Soil and Debris Policy, 300 yards, one-time.
- Praxair, Inc, Pekin IL, Profile 108244IL, Renewal-Previously Approved Waste Stream, 11 tons, Repeat. Profile expires June 2015.

The profiles are attached.

Committee approval does not relieve the Generator and Landfill Operator from complying with all applicable laws and regulations.
Requested Facility:  Y

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Advanced Technology Services/Clariant
2. Site Address: 2821 North University Dr., Blog C
   (City, State, Zip): Peoria, IL 61614
3. County: Peoria
4. Contact Name: Dominick Rutherford
5. Email:  
6. Phone: 309-679-7270
7. Fax:
8. Generator EPA ID:  
9. State ID:  

C. MATERIAL INFORMATION
1. Common Name:  
   N/A:  
2. Material Composition and Contaminants:  
   N/A:  
3. State Waste Codes:  
   N/A:  
4. Color:  
5. Physical State at 70°F:  
6. Free Liquid Range Percentage:  
7. pH:  
8. Strong Odor:  
9. Flash Point:  

D. REGULATORY INFORMATION
1. EPA Hazardous Waste Code:  
2. State Hazardous Waste Code:  
3. Excluded waste under 40 CFR 261.4 (a) or (b):  
4. Contains Unpermitted Hazardous Constituents:  
5. Contains benzene and subject to Preamble: CERCLA?  
6. Facility remediation subject to 40 CFR 311?  
7. CERCLA or State - mandated cleanup?  
8. NIC or State - regulated radioactive or NORM waste:  
9. Hazardous waste under 40 CFR 261?  
10.if Yes, see Addendum (page 2) for additional questions and space.

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached:  
2. Other information attached: (such as MSDS)  

F. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
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.

NGS Personnel:  
Signature:  
Date:  
Company:  

Certificate Signature:

THINK GREEN:  
QUESTIONS? CALL 800.968.4772 FOR ASSISTANCE

WM
WASTE MANAGEMENT
## 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). If more space is needed, please attach additional pages.

<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>1. Waste <strong>NAME</strong></td>
<td></td>
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<tr>
<td>2. Waste containing residual oils</td>
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<td>3. Waste containing residual oils</td>
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<td>4. Waste containing residual oils</td>
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<td>9. Waste containing residual oils</td>
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<tr>
<td>10. Waste containing residual oils</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:

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

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

- Is the material exempt from Subpart C.C. Controls (40 CFR 264.101) and Subpart C.C. Controls (40 CFR 264.101)?
  - Yes
  - No

- If Yes, please select one of the following:
  - Waste has been determined to the LDR exempt (265.1083(c)(4) and 265.1084(c)(4)) based on the fact that it meets all applicable organic treatment standards (including LDRs for defined characteristic wastes) or a specified technology has been implemented.
  - Waste has not been determined to the LDR exemption, but the average VOCs at the point of generation is <500 ppm and this determination was based on analytical testing (up to 10% of output) or expert knowledge.

- State Hazardous Waste
  - Please list all state waste codes.

- Excluded Waste
  - Please select which of the following categories apply to your material:
    - Diluted Hazardous Waste
    - Excluded Waste under 40 CFR 261.4
    - Specified Exclusion

- Underlying Hazardous Constituents
  - Please list all Underlying Hazardous Constituents.

#### 5. Benzene

- Are you a TSOI? If yes, please complete Benzene Emissions section.
- What is the total annual benzene quantity in Megagrams?
  - <1 Mg
  - 1 -<10 Mg
  - ≥10 Mg

- Is the waste from remediation at a closed facility?
  - Yes
  - No

- Has material been treated to reduce 99% of the benzene or to achieve <10 ppm?
  - Yes
  - No

- Is material exempt from control in accordance with 40 CFR 80.34?
  - Yes
  - No

- If yes, specify exemption.

- Based on your knowledge of your waste and the EPG’s regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSOI?
  - Yes
  - No

- 40 CFR 83.65 GGGC
  - Does the material contain <500 ppm VOCs at the point of determination?
  - Yes
  - No

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

- KOR or state regulated radioactive or HDRP Waste
  - Please identify isotopes and pööy.
Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION

F. Additional Waste Stream Information

Profile Number: N/A

Generators Name: Advanced Technology Services-Calendar

Generators SITE Address: 8901 North University Dr., Blacksburg, VA 24060
(The location where the waste is generated)

Waste Name: MSW and Household containing residual oil

The Illinois Environmental Protection Agency 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 (falls the paint filter test as defined in 36 IAC 611.107)? □ Yes □ No
4. A regulated PCB waste as defined in 40 CFR 753? □ 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 deased 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 (c) of subsection (h) of section 44 of the Illinois Environmental Protection Act.

Name: (Print) Shabha Lee   Title: Richardson Manager

Signature: Shabha Lee   Date: 7-6-18
MATERIAL SAFETY DATA SHEET

SECTION 1  PRODUCT AND COMPANY IDENTIFICATION

PRODUCT
Product Name: CAT TRANSMISSION AND DRIVE TRAIN OIL (TDTO) 10W
Product Description: Base Oil and Additives
Product Code: 202020508045, 564656-00, 971729
Intended Use: Manual transmission fluid

COMPANY IDENTIFICATION
Supplier: EXXON MOBIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA. 22037 USA
24 Hour Health Emergency 609-737-4411
Transportation Emergency Phone 800-424-9300
ExxonMobil Transportation No. 281-334-3296
Product Technical Information 800-682-4525, 800-947-9147

SECTION 2  COMPOSITION / INFORMATION ON INGREDIENTS

Reportable Hazardous Substance(s) or Complex Substance(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS#</th>
<th>Concentration*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZINC ARYL DITHIOPHOSPHATE</td>
<td></td>
<td>1 - 5%</td>
</tr>
</tbody>
</table>

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

SECTION 3  HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines (see (M)SDS Section 15).

POTENTIAL HEALTH EFFECTS
Excessive exposure may result in eye, skin, or respiratory irritation. High-pressure injection under skin may cause serious damage.

NFPA Hazard ID: Health: 0  Flammability: 1  Reactivity: 0
HMIS Hazard ID:  Health: 0  Flammability: 1  Reactivity: 0
Product Name: CAT TRANSMISSION AND DRIVE TRAIN OIL (TDTO) 10W
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NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 4 FIRST AID MEASURES

INHALATION
Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

SKIN CONTACT
Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

EYE CONTACT
Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION
First aid is normally not required. Seek medical attention if discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA
Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING
Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Smoke, Fume, Aldehydes, Sulfur oxides, Incomplete combustion products, Oxides of carbon

FLAMMABILITY PROPERTIES
Flash Point [Method]: >200°C (392°F) [ASTM D-92]
Flammable Limits (Approxmate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/D
SECTION 6

ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800)424-8802.

PROTECTIVE MEASURES

Avoid contact with spilled material. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

For emergency responders: Respiratory protection: respiratory protection will be necessary only in special cases, e.g., formation of mists. Half-face or full-face respirator with filter(s) for dust/organic vapor or Self Contained Breathing Apparatus (SCBA) can be used depending on the size of spill and potential level of exposure. If the exposure cannot be completely characterized or an oxygen deficient atmosphere is possible or anticipated, SCBA is recommended. Work gloves that are resistant to hydrocarbons are recommended. Gloves made of polyvinyl acetate (PVA) are not water-resistant and are not suitable for emergency use. Chemical goggles are recommended if splashes or contact with eyes is possible. Small spills: normal antistatic work clothes are usually adequate. Large spills: full body suit of chemical resistant, antistatic material is recommended.

SPILL MANAGEMENT

Land Spill: Stop leak if you can do it without risk. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7

HANDLING AND STORAGE

HANDLING

Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or
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National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

Static Accumulator: This material is a static accumulator.

STORAGE
The container choice, for example storage vessel, may affect static accumulation and dissipation. Do not store in open or unlabelled containers. Keep away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits/standards for materials that can be formed when handling this product: When mists/aerosols can occur the following are recommended: 5 mg/m³ - ACGIH TLV (inhalable fraction), 5 mg/m³ - OSHA PEL.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

No special requirements under ordinary conditions of use and with adequate ventilation.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

No special requirements under ordinary conditions of use and with adequate ventilation.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

No protection is ordinarily required under normal conditions of use.

Eye Protection: If contact is likely, safety glasses with side shields are recommended.
Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS
Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION
Physical State: Liquid
Color: Amber
Odor: Characteristic
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION
Relative Density (at 15 °C): 0.888
Flash Point [Method]: >200°C (392°F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/D
Boiling Point / Range: > 316°C (600°F)
Vapor Density (Air = 1): > 2 at 101 kPa
Vapor Pressure: < 0.013 kPa (0.1 mm Hg) at 20 °C
Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): > 3.5
Solubility In Water: Negligible
Viscosity: 42 cSt (42 mm2/sec) at 40 °C | 6.3 cSt (6.3 mm2/sec) at 100°C
Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION
Freezing Point: N/D
Melting Point: N/A
Pour Point: -33°C (-27°F)
DMSO Extract (mineral oil only), IP-946: < 3 %wt

SECTION 10 STABILITY AND REACTIVITY
**STABILITY:** Material is stable under normal conditions.

**CONDITIONS TO AVOID:** Excessive heat. High energy sources of ignition.

**MATERIALS TO AVOID:** Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS:** Material does not decompose at ambient temperatures.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Conclusion / Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimally Toxic. Based on assessment of the components.</td>
</tr>
<tr>
<td></td>
<td>Negligible hazard at ambient/normal handling temperatures. Based on assessment of the components.</td>
</tr>
<tr>
<td>Ingestion</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimally Toxic. Based on assessment of the components.</td>
</tr>
<tr>
<td>Skin</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimally Toxic. Based on assessment of the components.</td>
</tr>
<tr>
<td></td>
<td>Negligible irritation to skin at ambient temperatures. Based on assessment of the components.</td>
</tr>
<tr>
<td>Eye</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May cause mild, short-lasting discomfort to eyes. Based on assessment of the components.</td>
</tr>
</tbody>
</table>

#### CHRONIC/OTHER EFFECTS

For the product itself:

Repeated and/or prolonged exposure may cause irritation to the skin, eyes, or respiratory tract.

Contains:

Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Dermal and Inhalation studies showed minimal effects; lung non-specific infiltration of immune cells, oil deposition and minimal granuloma formation. Not sensitizing in test animals.

Additional information is available by request.

The following ingredients are cited on the lists below: None.

---REGULATORY LISTS SEARCHED---

1 = NTP CARC  
2 = NTP SUS  
3 = IARC 1  
4 = IARC 2A  
5 = IARC 2B  
6 = OSHA CARC
SECTION 12  ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY
Material -- Not expected to be harmful to aquatic organisms.

MOBILITY
Base oil component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY
Biodegradation:
Base oil component -- Expected to be inherently biodegradable

BIOACCUMULATION POTENTIAL
Base oil component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

SECTION 13  DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS
Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Protect the environment. Dispose of used oil at designated sites. Minimize skin contact. Do not mix used oils with solvents, brake fluids or coolants.

REGULATORY DISPOSAL INFORMATION
RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of Ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

Empty Container Warning Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.
**SECTION 14**  
**TRANSPORT INFORMATION**

**LAND (DOT):** Not Regulated for Land Transport

**LAND (TDG):** Not Regulated for Land Transport

**SEA (IMDG):** Not Regulated for Sea Transport according to IMDG-Code

**AIR (IATA):** Not Regulated for Air Transport

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**SECTION 15**  
**REGULATORY INFORMATION**

**OSHA HAZARD COMMUNICATION STANDARD:** When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

Compiles with the following national/regional chemical inventory requirements:: AICS, DSL, ENCS, KECl, PICCS, TSCA

**EPCRA SECTION 302:** This material contains no extremely hazardous substances.

**SARA (311/312) REPORTABLE HAZARD CATEGORIES:** None.

**SARA (313) TOXIC RELEASE INVENTORY:** This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

The following ingredients are cited on the lists below:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>List Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZINC ARYLDITHIOPHOSPHATE</td>
<td></td>
<td>13, 15, 17</td>
</tr>
</tbody>
</table>

---

**-REGULATORY LISTS SEARCHED--**

1 = ACGIH ALL  
2 = ACGIH A1  
3 = ACGIH A2  
4 = OSHA Z  
5 = TSCA 4  
6 = TSCA 5s2  
7 = TSCA 5e  
8 = TSCA 6  
9 = TSCA 12b  
10 = CA P65 CARC  
11 = CA P65 REPRO  
12 = CA RTK  
13 = IL RTK  
14 = LA RTK  
15 = MI 293  
16 = MN RTK  
17 = NJ RTK  
18 = PA RTK  
19 = RI RTK

Code key: CARC=Carcinogen; REPRO=Reproductive

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**SECTION 16**  
**OTHER INFORMATION**
Product Name: CAT TRANSMISSION AND DRIVE TRAIN OIL (TDTO) 10W
Revision Date: 12 Oct 2012
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N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
Revision Changes:
Section 06: Protective Measures was modified.
Section 13: Disposal Considerations - Disposal Recommendations was modified.
Section 08: Phys/Chem Properties Note was modified.
Section 08: Boiling Point C(F) was modified.
Section 08: Comply with applicable regulations phrase was modified.
Section 09: Vapor Pressure was modified.
Hazard Identification: Health Hazards was modified.
Section 11: Dermal Lethality Test Data was modified.
Section 11: Dermal Lethality Test Comment was modified.
Section 11: Oral Lethality Test Data was modified.
Section 11: Inhalation Lethality Test Data was modified.
Section 11: Dermal Irritation Test Data was modified.
Section 11: Eye Irritation Test Data was modified.
Section 11: Oral Lethality Test Comment was modified.
Section 11: Inhalation Lethality Test Comment was modified.
Section 11: Dermal Irritation Test Comment was modified.
Section 11: Eye Irritation Test Comment was modified.
Section 11: Inhalation Irritation Test Data was modified.
Section 09: Relative Density - Header was modified.
Section 09: Flash Point C(F) was modified.
Section 09: Viscosity was modified.
Section 09: Viscosity was modified.
Section 14: LAND (TDG) - Header was modified.
Composition: Component table was modified.
Section 15: National Chemical Inventory Listing - Header was modified.
Section 15: National Chemical Inventory Listing was modified.
Section 15: Community RTK - Header was modified.
Section 08: Exposure limits/standards was modified.
Section 08: Exposure Limit Values - Header was deleted.

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Internal Use Only
MHC: 0B, 0B, 0, 0, 0
PPEC: A
EZ PROFILE™

Requested Facility: [PCC]

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: [Kevi
2. Site Address: 1800 W Frayser St
   (City, State, ZIP) [Memphis, TN (38114)
3. County: [Memph
4. Contact Name: [Kevi
5. Email: [Kevi.
6. Phone: [731-287-3600] Fax: [731-287-3600
7. Generator EPA ID: [N/A
8. State ID: [N/A

B. BILLING INFORMATION
1. Billing Name: [Kevi
2. Billing Address: 1800 W Frayser St
   (City, State, ZIP) [Memphis, TN (38114)
3. Contact Name: [Kevi
4. Email: [Kevi.
5. Phone: [731-287-3600] Fax: [731-287-3600
6. WM Hauled? [Yes] No
7. P.O. Number: [N/A

C. MATERIAL INFORMATION
1. Common Name: [Non-Friable Asbestos Containing Materials (Uncontaminated)]
   Describe Process Generating Material: [See Attached]
   Demolition/Removal - 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 soots, that are contaminated with nonfriable asbestos.
2. Material Composition and Contaminants: [See Attached]
   1. Non-Friable Asbestos Containing Materials (Uncontaminated) [0-100%]
   2. [N/A]
   3. [N/A]
   4. [N/A] 100%
3. State Waste Codes: [N/A
4. Color: [Various]
5. Physical State at 70°F: [Solid] [Liquid] [Other]
6. Free Liquid Range Percentage: [N/A (Solid) [N/A (Solid)]
7. pH: [N/A (Solid) [N/A (Solid)]
8. Strong Odor: [Yes] [No] Describe:
9. Flash Point: [<140°F] [140°-199°F] [≥200°] [N/A (Solid)]

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? [Yes*] [No]
   Code: [N/A]
2. State Hazardous Waste? [Yes*] [No]
   Code: [N/A]
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? [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]
10. Regulated and/or Untreated Medical/Infectious Waste? [Yes] [No]
11. Contains Asbestos? [Yes: Friable] [Yes: Non-Friable] [No]

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]

F. 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 the 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): [Kevi S. Stapler]
Title: [Owner]
Company: [WM Waste Management, Inc.]

THINK GREEN:

QUESTIONS? CALL 800-963-4776 FOR ASSISTANCE

4/15/15

Last Revised: 4/30/12
©2012 Waste Management, Inc.
**EZ Profile™**

- **COD**: Unsure
- **Profile Number**: D100445

## A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. **Generator Name**: D A Hoerr & Sons Inc.
2. **Site Address**: 8820 Shade Tree Dr.
   - (City, State, Zip): Peoria, IL 61615
3. **County**: Peoria
4. **Contact Name**: Frank Hickey
5. **Email**: frank@dynamicenvironmentalservices.com
6. **Phone**: 847-624-2475
   - **Fax**: N/A
7. **Generator EPA ID**: 1430655882
   - **State ID**: N/A

## C. MATERIAL INFORMATION
1. **Common Name**: Diesel Fuel Impacted Soil and/or Debris
2. **Material Composition and Contaminants**: See Attached
   - **Soil and clean-up debris contaminated with diesel fuel from a product spill, associated with vehicle accidents or minor spills experienced during fuel transfer. MSDS may be required.**
3. **State Waste Codes**: N/A
4. **Color**: Various
5. **Physical State at 70°F**: Solid, Liquid, Other
6. **Free Liquid Range Percentage**: N/A (Solid)
7. **pH**: N/A (Solid)
8. **Strong Odor**: Yes, No
9. **Flash Point**: <140°F, 140°F-199°F, ≥200°F
10. **Material Description**: Fuel

## E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. **Analytical attached**: Yes
   - **First Environmental Labs sample ID**: EL 15-1506-001
2. **Other information attached** (such as MSDS): Yes

## G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
- **Name (Print)**: Frank Hickey
- **Date**: 4/17/15
- **Title**: agent for DA Hoerr & Sons Inc
- **Company**: Dynamic Environmental Services

- **Signature**: Frank Hickey

**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE**
Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION

F. Additional Waste Stream Information

Profile Number: ____________________________________________________________

Generators Name: D A Hoerr & Sons Inc

Generators SITE Address: 9020 Shade Tree Drive, Peoria, IL 61615
(The location where the waste is generated)

Waste Name: Petroleum Impacted soil from a LUST corrective action

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 (falls 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):

Process generating waste is know (LUST corrective action)

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 (b) of subsection (h) of section 44 of the Illinois Environmental Protection Act.

Name: (Print) Frank Hickey

Title: Agent for DA Hoerr & Sons Inc

Signature: ___________________________ Date: 4/17/15
April 09, 2015

Mr. Kyle Webb  
**DYNAMIC ENVIRONMENTAL SERVICES**  
216 Westridge Boulevard  
Bartlett, IL 60103

Project ID: D A Hoerr Nursery  
First Environmental File ID: 15-1506  
Date Received: April 03, 2015

Dear Mr. Kyle Webb:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003596: effective 03/24/2015 through 03/28/2016.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

[Signature]

Bill Mottashed  
Project Manager
Case Narrative

DYNAMIC ENVIRONMENTAL SERVICES

Project ID: D A Hoerr Nursery

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

<table>
<thead>
<tr>
<th>Laboratory Sample ID</th>
<th>Client Sample Identifier</th>
<th>Date/Time Collected</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-1506-001</td>
<td>WC</td>
<td>4/2/2015 11:06</td>
</tr>
</tbody>
</table>

Sample Batch Comments:

Sample acceptance criteria were met.

The following is a definition of flags that may be used in this report:

<table>
<thead>
<tr>
<th>Flag</th>
<th>Description</th>
<th>Flag</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;</td>
<td>Analyte not detected at or above the reporting limit</td>
<td>I</td>
<td>LCS recovery outside control limits.</td>
</tr>
<tr>
<td>C</td>
<td>Sample received in an improper container for this test</td>
<td>M</td>
<td>MS recovery outside control limits; LC's acceptable.</td>
</tr>
<tr>
<td>D</td>
<td>Surrogates diluted out; recovery not available.</td>
<td>N</td>
<td>Analyte is not part of our NELAC accreditation.</td>
</tr>
<tr>
<td>E</td>
<td>Estimated result; concentration exceeds calibration range.</td>
<td>P</td>
<td>Chemical preservation pH adjusted in lab.</td>
</tr>
<tr>
<td>G</td>
<td>Surrogate recovery outside control limits.</td>
<td>Q</td>
<td>Result was determined by a GC/MS database search.</td>
</tr>
<tr>
<td>H</td>
<td>Analysis or extraction holding time exceeded.</td>
<td>S</td>
<td>Analysis was subcontracted to another laboratory.</td>
</tr>
<tr>
<td>J</td>
<td>Estimated result; concentration is less than routine RL but greater than MDL.</td>
<td>W</td>
<td>Reporting limit elevated due to sample matrix.</td>
</tr>
<tr>
<td>RL</td>
<td>Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution)</td>
<td>ND</td>
<td>Analyte was not detected using a library search routine: No calibration standard was analyzed.</td>
</tr>
</tbody>
</table>
### Analytical Report

**Client:** DYNAMIC ENVIRONMENTAL SERVICES  
**Project ID:** D A Hoerr Nursery  
**Sample ID:** WC  
**Sample No:** 15-1506-001  
**Date Collected:** 04/02/15  
**Time Collected:** 11:06  
**Date Received:** 04/03/15  
**Date Reported:** 04/09/15

Results are reported on an "as received" basis.

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>R.L.</th>
<th>Units</th>
<th>Flags</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flash Point - Open Cup</strong></td>
<td>Method: 1010M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis Date: 04/09/15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point - Open Cup</td>
<td>No Flash @</td>
<td></td>
<td>212 °F</td>
<td></td>
</tr>
<tr>
<td><strong>Paint Filter Test</strong></td>
<td>Method: 9095B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis Date: 04/09/15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paint Filter Test</td>
<td>No Liquid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TCLP Metals Method 1311</strong></td>
<td>Method: 6010C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis Date: 04/08/15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>&lt; 0.005</td>
<td>0.005</td>
<td>mg/L</td>
<td></td>
</tr>
</tbody>
</table>

Preparation Method: 3010A  
Preparation Date: 04/08/15
Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): 2015-0331
IEPA LPC# (10-digit): 1430655882
Site Name: DA Hoerr + Sons, Inc.
Site Address (Not a P.O. Box): 8020 Shade Tree Drive
City: Peoria
County: Peoria
ZIP Code: 61615

Leaking UST Technical File

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples.
2. Chain-of-custody procedures were followed in the field.
3. Sample integrity was maintained by proper preservation.
4. All samples were properly labeled.

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms.
2. Sample integrity was maintained by proper preservation.
3. All samples were properly labeled.
4. Quality assurance/quality control procedures were established and carried out.

Laboratory Certification for Chemical Analysis
IL 532.2283
LPC 508 Rev March 2006
5. Sample holding times were not exceeded.

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses.

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003).

D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sample Collector
Name: Kyle Webb
Title: Project Manager
Company: Dynamic Environmental Services
Address: 216 Westridge Rd.
City: Bartlett
State: IL
ZIP Code: 60103
Phone: 630-779-9950
Signature: Kyle Webb
Date: April 10, 2015

Laboratory Representative
Name: Bill Moltased
Title: Project Manager
Company: First Environmental Laboratories
Address: 1600 Shore Road Ste D
City: Naperville
State: IL
ZIP Code: 60563
Phone: (630) 778-1200
Signature: Bill Moltased
Date: April 10, 2015
Requested Facility: Pearsia City - County #2 Landfill

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Plothik Enterprises, LLC
2. Site Address: 8802 West Washington Road
   (City, State, ZIP): Pearsia, IL 61604
3. County: Pearsia
4. Contact Name: Mr. Allan Green
5. Email: mgreen@frontier.com
6. Phone: (309) 465-5551
7. Fax: (309) 465-5604
8. Generator EPA ID: N/A
9. State ID: N/A

C. MATERIAL INFORMATION
1. Common Name: Batched CDF Contaminated Soil
   Process Generating Material: N/A
   Soil contaminated with unleaded gasoline/diesel fuel due to a leaking underground storage tank subject to 40 CFR 280
   Corrective Action Requirements. Waste meets the exclusion under 40 CFR Part 261.4(b)(10) and corresponding (if
   applicable).

B. BILLING INFORMATION
1. Billing Name: Plothik Enterprises
2. Billing Address: 8822 West War Memorial Drive
   (City, State, ZIP): Pearsia, IL 61615
3. Contact Name: Mr. Ted Nolan
4. Email: N/A
5. Phone: (309) 465-5040
6. Fax: N/A
7. WM Hauled? Yes
8. P.O. Number: N/A
9. Payment Method: Credit Account
10. Credit Card

D. REGULATORY INFORMATION
1. EPA Hazardous Waste? Yes
2. State Hazardous Waste? Yes
3. Is this material non-hazardous due to treatment, Delisting, or an Exclusion? Yes
4. Contains Underlying Hazardous Constituents? Yes
5. From an industry regulated under benzene NESHAP? Yes
6. Facility remediation subject to 40 CFR 63 GGGGG? Yes
7. CERCLA or Stau-mnciated clean-up? Yes
8. NRC or State-regulated radioactive or NORM waste? Yes
9. If Yes, see Addendum (page 2) for additional questions and space.
10. Contains PCBs? Yes if answer a, b and c.
   a. Regulated by 40 CFR 761? Yes
   b. Remediation under 40 CFR 761.61 (a)? Yes
   c. Were PCB imported into the US? Yes
11. Regulated and/or Untreated Medical/Infectious Waste? Yes
12. Contains Asbestos? Yes
   If Yes: Non-Friable Non-Friable - Regulated Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached Yes
2. Other Information attached (such as MSDS)? Yes

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing this EZ Profile™ form, I hereby certify that all information submitted in the form and attached documents contain true and accurate descriptions of the 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 I or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or raw 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 EZ Profile is accurate and complete.

Name (Print): Allan Green
Title: President
Company: MECS

Certification Signature

THINK GREEN: QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Certification Signature

September 12, 2014
## 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):

If more space is needed, please attach additional pages.

#### Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
<td></td>
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<tr>
<td>6</td>
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<td>7</td>
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<td></td>
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<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total composition must be equal to or greater than 100%**

≥100%

### 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. State Hazardous Waste ➔ Please list all state waste codes:

3. For material that is Treated, Delisted, or Excluded ➔ Please indicate the category, below:
   - [ ] Delisted Hazardous Waste
   - [ ] Excluded Waste under 40 CFR 261.4 ➔ Specify Exclusion: 261.4(b)(10)
   - [ ] Treated Hazardous Waste Debris

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 TSDs.
   a. Are you a TSD? ➔ If yes, please complete Benzene NESHAP questionnaire. If not, continue.
      - [ ] Yes
      - [ ] No
   b. Does this material contain benzene?
      1. If yes, what is the flow weighted average concentration?
      - [ ] < 1 Mg
      - [ ] 1.99 Mg
      - [ ] ≥ 10 Mg
      - [ ] Yes
      - [ ] No
   c. What is your facility’s current total annual benzene quantity in Megagrams?
      - [ ] Yes
      - [ ] No
   d. Is this waste soil from a remediation?
      1. If yes, what is the benzene concentration in remediation waste?
      2. Does the waste contain >10% water/moisture?
      - [ ] Yes
      - [ ] No
      - [ ] Yes
      - [ ] No
   e. Has material been treated to remove 99% of the benzene or to achieve <10 ppmv?
      - [ ] Yes
      - [ ] No
   f. Is material exempt from controls in accordance with 40 CFR 61.342?
      - [ ] Yes
      - [ ] No
   g. 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 TSD?
      - [ ] Yes
      - [ ] No

6. 40 CFR 63 GGGGG ➔ Does the material contain <500 ppmv VOCs 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 4775 FOR ASSISTANCE**  
Revised September 12, 2014  
©2014 Waste Management
Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION

F. Additional Waste Stream Information

Profile Number: ____________________________

Generators Name: Plotkin Enterprises LLC

Generators SITE Address: 2800 West Farmington Road, Peoria, IL 61604
(The location where the waste is generated)

Waste Name: unleaded gasoline / UST contaminated soil (excluded)

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 (6) of subsection (h) of section 44 of the Illinois Environmental Protection Act.

Name: (Print) Allen Green  Title: President, MECRS

Signature: Allen Green  Date: 4/30/15
Thursday, July 12, 2012

Mr. Andrew Fetterolf
Midwest Environmental Consulting
PO Box 614
Tremont, IL 61568-0614
TEL: (309) 925-5551
FAX: (309) 925-5606

RE: 12-30 Plotkin Enterprises / Peoria, IL

Prairie Analytical Systems, Inc. received 6 sample(s) on 6/29/2012 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

[Signature]

Kristen A. Potter
Project Manager

Certifications: NELAP/ANELAC - IL #100323

<table>
<thead>
<tr>
<th>Location</th>
<th>Phone</th>
<th>Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>1210 Capital Airport Drive, Springfield, IL 62707</td>
<td>1.217.753.1148</td>
<td>1.217.753.1152 Fax</td>
</tr>
<tr>
<td>9114 Virginia Road Suite #112, Lake in the Hills, IL 60156</td>
<td>1.847.851.2804</td>
<td>1.847.458.0538 Fax</td>
</tr>
</tbody>
</table>
# LABORATORY RESULTS

**Client:** Midwest Environmental Consulting  
**Project:** 12-30 Motkin Enterprises / Peoria, IL  
**Client Sample ID:** F 1  
**Collection Date:** 6/28/12 14:00  
**Lab Order:** 12F0693  
**Lab ID:** 12F0693-01  
**Matrix:** Solid

### Volatile Organic Compounds by GC-MS

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method</th>
<th>Analyt</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Benzene</em></td>
<td>27000</td>
<td>6530</td>
<td>μg/Kg dry</td>
<td>1000</td>
<td>7/5/12 14:28</td>
<td>7/6/12 0:44</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Ethylbenzene</em></td>
<td>82300</td>
<td>6530</td>
<td>μg/Kg dry</td>
<td>1000</td>
<td>7/5/12 14:28</td>
<td>7/6/12 0:44</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td>*Methyl tert-butyl ether</td>
<td>U</td>
<td>159</td>
<td>μg/Kg dry</td>
<td>25</td>
<td>7/5/12 15:22</td>
<td>7/6/12 19:42</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Toluene</em></td>
<td>270000</td>
<td>19000</td>
<td>μg/Kg dry</td>
<td>5000</td>
<td>7/5/12 13:38</td>
<td>7/6/12 14:10</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Xylenes (total)</em></td>
<td>417000</td>
<td>19000</td>
<td>μg/Kg dry</td>
<td>1000</td>
<td>7/5/12 14:28</td>
<td>7/6/12 0:44</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
</tbody>
</table>

### Conventional Chemistry Parameters

**Percent Solids:** 75.8  
**Method:** ASTM D2216  
**Analyt:** RSR

---

**Client Sample ID:** F 2  
**Collection Date:** 6/28/12 14:10  
**Lab ID:** 12F0693-02  
**Matrix:** Solid

### Volatile Organic Compounds by GC-MS

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method</th>
<th>Analyt</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Benzene</em></td>
<td>5830</td>
<td>3120</td>
<td>μg/Kg dry</td>
<td>25</td>
<td>7/5/12 15:22</td>
<td>7/6/12 20:11</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Ethylbenzene</em></td>
<td>30300</td>
<td>3120</td>
<td>μg/Kg dry</td>
<td>500</td>
<td>7/5/12 14:15</td>
<td>7/6/12 20:11</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td>*Methyl tert-butyl ether</td>
<td>U</td>
<td>156</td>
<td>μg/Kg dry</td>
<td>25</td>
<td>7/5/12 15:22</td>
<td>7/6/12 20:11</td>
<td>SW 8280B</td>
<td>BDP</td>
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</tr>
<tr>
<td><em>Toluene</em></td>
<td>68800</td>
<td>3120</td>
<td>μg/Kg dry</td>
<td>500</td>
<td>7/5/12 14:13</td>
<td>7/6/12 14:15</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Xylenes (total)</em></td>
<td>148000</td>
<td>9370</td>
<td>μg/Kg dry</td>
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<td>7/6/12 14:15</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
</tbody>
</table>

### Conventional Chemistry Parameters

**Percent Solids:** 80.1  
**Method:** ASTM D2216  
**Analyt:** RSR

---

**Client Sample ID:** NW 1  
**Collection Date:** 6/28/12 14:20  
**Lab ID:** 12F0693-03  
**Matrix:** Solid

### Volatile Organic Compounds by GC-MS

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method</th>
<th>Analyt</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Benzene</em></td>
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<td>4.09</td>
<td>μg/Kg dry</td>
<td>1</td>
<td>7/5/12 15:22</td>
<td>7/6/12 21:39</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Ethylbenzene</em></td>
<td>U</td>
<td>4.09</td>
<td>μg/Kg dry</td>
<td>1</td>
<td>7/5/12 15:22</td>
<td>7/6/12 21:39</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td>*Methyl tert-butyl ether</td>
<td>U</td>
<td>4.09</td>
<td>μg/Kg dry</td>
<td>1</td>
<td>7/5/12 15:22</td>
<td>7/6/12 21:39</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Toluene</em></td>
<td>4.67</td>
<td>4.09</td>
<td>μg/Kg dry</td>
<td>1</td>
<td>7/5/12 15:22</td>
<td>7/6/12 21:39</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
<tr>
<td><em>Xylenes (total)</em></td>
<td>U</td>
<td>1.23</td>
<td>μg/Kg dry</td>
<td>1</td>
<td>7/5/12 15:22</td>
<td>7/6/12 21:39</td>
<td>SW 8280B</td>
<td>BDP</td>
<td></td>
</tr>
</tbody>
</table>

### Conventional Chemistry Parameters

**Percent Solids:** 87.1  
**Method:** ASTM D2216  
**Analyt:** RSR
## LABORATORY RESULTS

**Client:** Midwest Environmental Consulting  
**Project:** 12-30 Plotkin Enterprises / Peoria, IL  
**Client Sample ID:** SW 1  
**Collection Date:** 6/28/12 14:30

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Result</th>
<th>Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method</th>
<th>Analyst</th>
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</thead>
<tbody>
<tr>
<td><em>Benzenes</em></td>
<td>11.2</td>
<td>4.12</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 1:33</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Ethylbenzene</em></td>
<td>9.38</td>
<td>4.12</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 1:33</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Methyl tert-butyl ether</em></td>
<td>U</td>
<td>4.12</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 1:33</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Toluene</em></td>
<td>35.6</td>
<td>4.12</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 1:33</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Xylenes (total)</em></td>
<td>44.6</td>
<td>12.4</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 1:33</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
</tbody>
</table>

### Conventional Chemistry Parameters

Percent Solids | 87.7 | 0.100 | % | 1 | 7/3/12 9:50 | 7/3/12 14:50 | ASTM D2216 | RSR     |

---

**Client Sample ID:** EW 1  
**Collection Date:** 6/28/12 14:40

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Result</th>
<th>Limit</th>
<th>Qual</th>
<th>Units</th>
<th>DF</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Benzenes</em></td>
<td>U</td>
<td>4.04</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:02</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Ethylbenzene</em></td>
<td>U</td>
<td>4.04</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:02</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Methyl tert-butyl ether</em></td>
<td>U</td>
<td>4.04</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:02</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Toluene</em></td>
<td>U</td>
<td>4.04</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
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<tr>
<td><em>Xylenes (total)</em></td>
<td>23.3</td>
<td>12.1</td>
<td></td>
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<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:02</td>
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</table>

### Conventional Chemistry Parameters

Percent Solids | 86.4 | 0.100 | % | 1 | 7/3/12 9:50 | 7/3/12 14:50 | ASTM D2216 | RSR     |

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**Client Sample ID:** WW 1  
**Collection Date:** 6/28/12 14:50

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<tr>
<th>Analysis</th>
<th>Result</th>
<th>Limit</th>
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<th>Date Analyzed</th>
<th>Method</th>
<th>Analyst</th>
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<tr>
<td><em>Benzenes</em></td>
<td>6.65</td>
<td>4.30</td>
<td></td>
<td>µg/Kg dry</td>
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<td>7/3/12 15:22</td>
<td>7/4/12 2:31</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Ethylbenzene</em></td>
<td>6.28</td>
<td>4.30</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:31</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Methyl tert-butyl ether</em></td>
<td>U</td>
<td>4.30</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:31</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
<tr>
<td><em>Toluene</em></td>
<td>28.6</td>
<td>4.30</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:31</td>
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<td>BDP</td>
</tr>
<tr>
<td><em>Xylenes (total)</em></td>
<td>30.4</td>
<td>12.9</td>
<td></td>
<td>µg/Kg dry</td>
<td>1</td>
<td>7/3/12 15:22</td>
<td>7/4/12 2:31</td>
<td>SW 8260B</td>
<td>BDP</td>
</tr>
</tbody>
</table>

### Conventional Chemistry Parameters

Percent Solids | 83.1 | 0.100 | % | 1 | 7/3/12 9:50 | 7/3/12 14:50 | ASTM D2216 | RSR     |
**LABORATORY RESULTS**

**Client:** Midwest Environmental Consulting  
**Project:** 12-30 Plotkin Enterprises / Peoria, IL  
**Lab Order:** 12F0693

**Notes and Definitions**

<table>
<thead>
<tr>
<th>R</th>
<th>RPD outside acceptance limits.</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>NILAC certified compound.</td>
</tr>
<tr>
<td>U</td>
<td>Analyte not detected (i.e., less than RL or MDL).</td>
</tr>
</tbody>
</table>
CITGO PETROLEUM CORPORATION
P. O. Box 3758
Tulsa, Oklahoma 74102

MATERIAL SAFETY DATA SHEET

Trade Name: CITGO Unleaded Gasoline

Commodity Code: 04-001

Synonyms: Benzin, Motor Gasoline, Petrol

CAS No.: Mixture
(Refer to Section I)

Citgo Index No. (CIN): 0083

Technical Contact: (918) 561-5165
Medical Emergency: (318) 491-6215

MATERIAL HAZARD EVALUATION

Health: Harmful or fatal if swallowed. Vapors harmful.

Precautionary Statement: Extremely flammable liquid. Do not siphon by mouth. If swallowed, do not induce vomiting - call physician immediately.

I. GENERIC COMPOSITION/COMPONENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>%</th>
<th>Hazard Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Distillates Mixture</td>
<td>&gt;95</td>
<td></td>
<td>Oral: LD50(human): 500-5,000mg/m³</td>
</tr>
<tr>
<td>Benzene</td>
<td>71-43-2</td>
<td>&lt;4.9</td>
<td>TLV: TWA 10ppm</td>
</tr>
<tr>
<td>and may contain gum inhibitors, metal deactivators, corrosion inhibitors</td>
<td>Mixtures</td>
<td>&lt;0.1</td>
<td>Does not contribute to the toxicity of the end product</td>
</tr>
</tbody>
</table>

ND = No Data
NA = Not Applicable

# SUBSIDIARY OF THE SOUTHLAND CORPORATION
II. PHYSICAL DATA

Physical Hazard Classification (Per 29 CFR Part 1910.1200)

- Combustible
- Compressed Gas
- Explosive
- Flammable
- Oxidizer
- Pyrophoric
- Reactivity
- Stable
- Organic Peroxide
- Unstable

**Boiling Point, 760 mmHg, °C(°F): 33-43 (90-110)**

**Melting Point, °C(°F): NA**

**Vapor Pressure, mmHg (25°C): 510-760**

**Specific Gravity (H₂O=1): 0.74**

**Solubility in H₂O, % By Wt.: Negligible**

**Vapor Density (Air=1): 3-4**

**Evaporation Rate (Butyl Acetate=1): <1**

**% Volatiles By Vol.: ~100**

**pH of Undiluted Product: ND**

**Appearance and Odor: Light yellow clear liquid, gasoline odor.**

III. FIRE AND EXPLOSION DATA

**Flash Point, COC, °C(°F): -43(-45)**

**NFFPA**

**Flash Point, FM, °C(°F): ND**

**Health:**

**2**

**Fire Point, COC, °C(°F): ND**

**Flammability:**

**3**

**Reactivity:**

**0**

**Flammable Limits in Air, % Vol.:**

- Lower: 1.4
- Upper: 7.6

**Extinguishing Media:** CO₂, dry chemical, foam, water fog.

**Special Fire Fighting Procedure:** Wear self-contained breathing apparatus when in a confined area.

**Unusual Fire or Explosion Hazard:** Material is highly volatile and emits vapors which may be ignited by other ignition sources.

*Citgo assignment based on our evaluation per NFPA guidelines.*

**Hazard Rating:** least-0; slight-1; moderate-2; high-3; extreme-4.

ND = No Data

NA = Not Applicable

LAS/04-001
IV. REACTIVITY DATA

Stability: X Stable _____ Unstable

Conditions Contributing to Instability: High Temperature.

Incompatibility: Strong oxidants.

Hazardous Decomposition Products (thermal, unless otherwise specified):
CO, CO₂.

Conditions Contributing to Hazardous Polymerization: None.

V. SPILL OR LEAK PROCEDURES

Procedures if material is spilled:

Remove sources of ignition, ventilate area, contain spill, absorb small amounts with absorbent material. Report spills as required to appropriate authorities.

Waste Disposal:

It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal.

Check before disposing to be sure you are in compliance with all applicable laws and regulations.

Chemtrec/RCRA Emergency Number: (800) 424-9346

Protective measures during repair and maintenance of contaminated equipment:

Refer to Section VII - Special Protection Information. Provide sufficient ventilation, eliminate all ignition sources. Wash exposed skin thoroughly with soap and water. Remove soiled clothing. Use polymer gloves if extended, direct contact is expected.

ND = No Data
NA = Not Applicable

CITGO SUBSIDIARY OF THE SOUTHLAND CORPORATION

LAS/04-001
VI. HEALTH HAZARD DATA

Health Hazard Classification (Per 29 CFR Part 1910.1200)

- Carcinogen
- Chemical Carcinogen
- Suspect Carcinogen
- Mutagen
- Highly Toxic
- Toxic

Corrosive
Irritant
Sensitizer
Teratogen

Target Organ: hematopoietic system

Toxicity Summary: Moderately toxic; 1 oz. or more is probably lethal oral dose for 150 lb. human. Methanol can cause blindness.

Acute Exposure Symptoms

Inhalation: Moderate risk of vapor intoxication. Major risk is enclosed spaces with poor ventilation. Euphoria, lung irritation and edema, headache, dizziness, drowsiness, convulsions, coma, cyanosis, generalized depression.

Dermal Contact: Defatting with drying and cracking - can lead to dermatitis and secondary infection.

Absorption: If large areas of the body are affected, symptoms of inhalation may be produced. Methanol can be absorbed through the skin.

Eye Contact: Irritant.

Ingestion: Burning of mouth and upper GI tract, vomiting and diarrhea.

Less than 1 oz. with retention: general depression, sedation, respiratory depression, coma. Effects are usually transient.

Chronic Exposure: Skin: drying and cracking (dermatitis)

Inhalation: Benzene has been classified as a leukemogen, and may produce anemia, leukemia from repeated or prolonged exposure to high concentrations. The American Petroleum Institute sponsored chronic inhalation studies of unleaded gasoline vapors which indicate that unleaded gasoline is carcinogenic to laboratory animals.

Other Special Effects: None.

First Aid and Emergency Procedures for Acute Effect

Inhalation: Remove to fresh air. Respiratory support, if necessary. Seek medical aid.

Dermal: Wash with soap and water. Do not wear heavily contaminated clothing before cleaning.

Eyes: Flush with large volumes of water. Seek medical aid.

Ingestion: Do not induce vomiting. Seek medical aid.

Notes to Physician: Pulmonary aspiration hazard if swallowed and vomiting occurs. High aspiration risk, careful gastric lavage with tight fitting or cuffed endotracheal tube. Aspiration may cause chemical pneumonitis or lipid pneumonia. Contains methanol. SUS viscosity at 100°F = <40.

ND = No Data
NA = Not Applicable
VII. SPECIAL PROTECTION INFORMATION

Ventilation Requirements: Use in well ventilated areas. In confined spaces mechanical ventilation may be required to keep levels of certain components below mandated standards. Responsible individuals should evaluate air concentrations of specific regulated chemicals.

TLV:
TWA (Time Weighted Average): 300 ppm (900 mg/m³);
STEEL (Short Term Exposure): 500 ppm (1500 mg/m³) ACGIH-1985-86.

Specific Personal Protective Equipment:

Respiratory: If high vapors are expected, use respirator approved for organic vapors.

Eyes: Safety goggles, or chemical splash goggles if splashing is anticipated.

Dermal: Oil impervious gloves such as Huma-N, Neoprene, or Poly-D if frequent or prolonged contact is expected.

Other Clothing or Equipment: Wear body-covering work clothes to avoid prolonged or repeated exposure. Launder soiled work clothes before reuse. Treat as leukemogenic material.

VIII. TRANSPORTATION AND SPECIAL PRECAUTIONS


Storage: Keep container tightly closed and away from heat and flame. Do not store with strong oxidizers; keep container tightly closed.

DOT Information:
DOT/UN Shipping Name: Gasoline.
DOT Hazard Class: Flammable liquid.
DOT/UN Hazard Identification Number: UN 1203.
Placards: Flammable liquid.

Caution: Empty containers may contain product residue which could include flammable or explosive vapors.

Consult appropriate Federal, State and Local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers and/or waste residues of this product.

All statements, information, and data provided in this material safety data sheet are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied, on our part. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. Nothing contained herein is intended as permission, inducement or recommendation to violate any laws or to practice any invention covered by existing patents.

ND = No Data
NA = Not Applicable

SUBSIDIARY OF THE SOUHLAND CORPORATION
EZ Profile™

Requested Facility:
☐ Check if there are multiple generator locations. Attach locations.

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: PRAXAIR, INC
2. Site Address: 125 S. FRONT ST (City, State, ZIP) PELIN, IL, 61554
3. County: TAZEWELL
4. Contact Name: DANIEL MEYER
5. Email: DANIEL-MEYER@PRAXAIR.COM
6. Phone: 219-250-0070 7. Fax:
8. Generator EPA ID: 160003778B 9. State ID:

C. MATERIAL INFORMATION
1. Common Name: SULFA TREAT
   Describe Process Generating Material: ☐ See Attached
   USED AS SULFA ABSORBANT

2. Material Composition and Contaminants:
   ☐ See Attached
   1. IRON ZINC NA
   2. OTHER METAL OXIDES NA
   3.
   4.
   5.
   6. State Waste Codes: ☐ N/A
   7. Color: BLACK
   8. Physical State at 70°F: ☐ Solid ☐ Liquid ☐ Other:
   9. Free Liquid Range Percentage: ______ to _______ ☐ N/A (Solid)
   10. pH: ______ to _______ ☐ N/A (Solid)
   11. Strong Odor: ☐ Yes ☐ No Describe:
   12. Flash Point: ☐ <140°F ☐ 140°-199°F ☐ ≥200° ☐ N/A (Solid)

D. REGULATORY INFORMATION
1. EPA Hazardous Waste?
   ☐ Yes* ☐ No
   Code:

2. State Hazardous Waste?
   ☐ Yes ☐ No
   Code:

3. Excluded under 40 CFR 261.4 (a) or (b)?
   ☐ Yes* ☐ No

4. Contains Underlying Hazardous Constituents?
   ☐ Yes* ☐ No

5. Contains benzenes and subject to Benzene NESHAP?
   ☐ Yes* ☐ No

6. Facility remediation subject to 40 CFR 62, 63, 630, 6315?
   ☐ 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, 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 ☐ Yes: Non-Friable ☐ No

F. SHIPPING AND DOT INFORMATION
1. ☐ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: Tons Yards Drums Gallons Other:

3. Container Type and Size: 

4. USDOT Proper Shipping Name:
C. MATERIAL INFORMATION
Describe Process Generating Material (Continued from page 1):

<table>
<thead>
<tr>
<th>Material Composition and Contaminants (Continued from page 1):</th>
</tr>
</thead>
<tbody>
<tr>
<td>If more space is needed, please attach additional pages.</td>
</tr>
<tr>
<td>5.</td>
</tr>
<tr>
<td>6.</td>
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<td>7.</td>
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<td>8.</td>
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<tr>
<td>9.</td>
</tr>
<tr>
<td>10.</td>
</tr>
<tr>
<td>11.</td>
</tr>
<tr>
<td>≥100%</td>
</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:

   | 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. Excluded Waste → Please select which of the following categories apply to your material:
   □ Delisted Hazardous Waste  □ Excluded Waste under 40 CFR 261.4
   □ Treated Hazardous Waste Debris  □ Treated Characteristic Hazardous Waste

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

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.
   b. What is your facility's current total annual benzene quantity in Megagrams?

   | ☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg |
   | ☐ Yes ☐ No |

6. 40 CFR 63 GGGGG → Does the material contain <500 ppm VOHAPs at the point of determination?
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 pCVg:
### C. MATERIAL INFORMATION

Material Composition and Contaminants (Continued from page 2):

<p>| | | |</p>
<table>
<thead>
<tr>
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</tbody>
</table>

If more space is needed, please attach additional pages.

### 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

I. Additional Waste Stream Information

Profile Number: __________

Generators Name: PRAXAIR, INC

Generators SITE Address: 1225 S. FRAT ST, PEKIN, IL 61554
(The location where the waste is generated)

Waste Name: SULFA TREAT

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):

☐ Yes ☑ No

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 MEYER Title: SITRE SPECIALIST

Signature: [Signature] Date: 04/21/15
# SAFETY DATA SHEET

## I - IDENTIFICATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CHEMICAL FORMULA</th>
<th>MOLECULAR WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HydroCat™ – GTS2007</td>
<td>Trade Secret</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MANUFACTURER'S NAME</th>
<th>ADDRESS</th>
<th>EMERGENCY AND INFORMATION NUMBER</th>
<th>DOT IDENTIFICATION NO.</th>
<th>HAZARD RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>HydroCat Industries</td>
<td>1734 Clarkson Road, #206, Chesterfield, MO 63017, USA</td>
<td>(636) 272-8000</td>
<td>Not Regulated</td>
<td>Health – 1, Flammability – 0, Reactivity – 0, Personal Protection - E</td>
</tr>
</tbody>
</table>

## II - PRODUCT AND COMPONENT DATA

<table>
<thead>
<tr>
<th>COMPONENT(S)</th>
<th>CHEMICAL NAME</th>
<th>CAS REGISTRY NO.</th>
<th>% (Approx)</th>
<th>ACGIH TLV-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Zinc and other Metal Oxides Formed on Non-Hazardous Substrate</td>
<td>Proprietary</td>
<td>N/A</td>
<td>See Section VI</td>
<td></td>
</tr>
</tbody>
</table>

## III - PHYSICAL DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>Odorless Gray/Black Granular Solid</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY @ 60°F (H2O = 1)</td>
<td>Approximately 1</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>N/A</td>
</tr>
<tr>
<td>VAPOR DENSITY IN AIR (Ar = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>VAPOR PRESSURE</td>
<td>N/A</td>
</tr>
<tr>
<td>% VOLATILE, BY VOLUME</td>
<td>N/A</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Insoluble</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td></td>
</tr>
</tbody>
</table>

## IV - REACTIVITY DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STABILITY</td>
<td>Stable</td>
</tr>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>Contact with powerful oxidizers such as strong acids and strong oxidizers.</td>
</tr>
<tr>
<td>INCOMPATIBILITY (Materials to avoid)</td>
<td>Powerful oxidizers such as strong acids and strong oxidizers.</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION PRODUCTS</td>
<td>None Known</td>
</tr>
<tr>
<td>HAZARDOUS POLYMERIZATION</td>
<td>Will Not occur</td>
</tr>
</tbody>
</table>

## V - FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLASH POINT (Method used)</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>FLAMMABLE LIMITS IN AIR</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## VI - TOXICITY AND FIRST AID

### EXPOSURE LIMITS – 8-Hour Time Weighted Average (When exposed to this product and other chemicals is concurrent, the TLV must be defined in the workplace.)

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron Oxide</td>
<td>10 mg/m³</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>Zinc Oxide</td>
<td>5 mg/m³</td>
<td>2 mg/m³</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

Effects described in this section are not to occur. Because of the wide variation in individual susceptibility, TLVs may not be applicable to all persons and those with medical conditions listed below.

### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

- Inhaling respirable dust may aggravate existing respiratory system disease(s) and/or dysfunctions.
- Exposure to dust may aggravate existing skin and/or eye conditions.

### ACUTE TOXICITY

- Primary route(s) of exposure: Inhalation, Ingestion
- Exposure to dust may irritate respiratory system, eyes, and skin.

### FIRST AID

- Dust in eyes: Flush eyes with running water for 15 minutes. Contact a physician if irritation persists.
- Dust on skin: Wash with soap and water. Contact a physician if a previously existing irritation is aggravated.
- Dust inhalation: Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists.
CHRONIC TOXICITY

Chronic exposure to respirable dust in excess of appropriate TLVs has caused pneumoconiosis (Dusty Lung). Overexposure may produce symptoms known as metal fume fever; an acute, self-limiting condition without recognized complications. Symptoms of metal fume fever include: chills, fever, muscular pain, nausea and vomiting. Like any finely divided particulate matter, dust may cause mechanical irritation to skin and eyes.

To the best of our knowledge this product is not listed as a carcinogen on the NTP, IARC, or OSHA lists of carcinogens or contains no reportable levels of listed substances, which the state of California has found to cause cancer, birth defects, or other reproductive effects.

VII - PERSONAL PROTECTION AND CONTROLS

RESPIRATORY PROTECTION

NIOSH-MSHA approved dust respirators for conditions where dust levels exceed or are likely to exceed appropriate exposure limits. Respirator use must comply with applicable MSHA or OSHA standards, which include provisions for a user training program, respirator repair and cleaning, respirator fit testing, and other requirements.

VENTILATION

Local exhaust or general ventilation adequate to maintain exposures below appropriate TLVs.

SKIN PROTECTION

See “Hygiene” section below. Not readily absorbed through skin but may cause irritation.

EYE PROTECTION

Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visible) dusty conditions are present or are anticipated.

HYGIENE

Wash dust-exposed skin with soap and water. Wash work clothes after each use.

OTHER CONTROL MEASURES

Use good housekeeping practices to keep dust to a minimum. Dust levels in excess of appropriate TLVs should be reduced by all feasible engineering controls, including (but not limited to) wet suppression, ventilation, process enclosure, and enclosed employee work stations.

VIII - STORAGE AND HANDLING PRECAUTIONS

Product should be stored at ambient temperature in closed containers avoiding exposure to excessive moisture. Respirable dust may be generated during processing, handling, and storage. The controls identified in Section VII of the MSDS should be applied as appropriate.

IX - SPILL LEAK AND DISPOSAL PRACTICES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spilled materials, where dust can be generated, may overexpose cleanup personnel to respirable dust. Wetting of spilled material and/or use of respiratory protective equipment may be necessary.

WASTE DISPOSAL METHOD

Pickup and reuse clean materials or return for recycle. Dispose of waste materials only in accordance with applicable federal, state, and local laws and regulations.

X - TRANSPORTATION

DOT HAZARD CLASSIFICATION: None - Ship as Class 50

WHMIS CLASSIFICATION: - Not controlled. DEL - Listed

XI - REGULATORY INFORMATION

DISPOSAL: This product is not hazardous waste per 40 CFR 261.24 or 261.3. However consult with the state environmental regulatory agency before disposing of this material, as state regulations may be stricter then federal regulations. Zinc oxide contained in this product is not considered environmentally hazardous outside of the EU.

SPILL REPORTING: This product is not a CERCLA hazardous substance, per 40 CFR 302.4. It contains nothing on the list of hazardous substances under the Clean Water Act (40 CFR 116 and 40 CFR 117) as zinc oxide or iron oxide, but zinc compounds in general are considered toxic to aquatic life. Zinc oxide or iron oxide are not included on the list of Extremely Hazardous Substances under SARA, 40 CFR 355 Appendix A. Thus, there are no Federal reporting requirements in the event of release of this material containing zinc oxide or iron oxide. Depending upon the final level of zinc in spill material, this product may not be considered non-hazardous waste in the State of California by TTLC or STLC determinations.

SARA REPORTING: This product is not subject to the reporting requirements of Section 304 of SARA, since it contains nothing on the list of Extremely Hazardous Substances. This product may be subject to the reporting requirements of Section 313 of SARA as zinc compounds but, zinc oxide contained in this product is not specifically listed.

CALIFORNIA PROPOSITION 65 - To the best of our knowledge this product contains no reportable levels of listed substances, which the state of California has found to cause cancer, birth defects, or other reproductive effects.

CARCINOGENIC: To the best of our knowledge this product is not listed as a carcinogen on the NTP, IARC, or OSHA lists of carcinogens.

DATE OF PREPARATION: February 11, 2015

NOTICE: HydroCat Industries believes that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in notation of applicable laws, regulations, rules or insurance requirements.

NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE.
Safety Kleen, Goodfield Facility
170 E. Martin Dr.
Goodfield, IL 61742
Attn: Greg Gibson

Date Received: 24-May-10
Date Reported: 27-May-10

<table>
<thead>
<tr>
<th>Sample No: 10053339-1</th>
<th>Collect Date: 24-May-10 13:30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Client Id: SAFETY KLEEN GOODF FLD</td>
<td>Site: SULFATREAT</td>
</tr>
<tr>
<td>SW-846 7.3.4.2/9034</td>
<td>Result</td>
</tr>
<tr>
<td>Sulfide, Reactive</td>
<td>&lt;</td>
</tr>
</tbody>
</table>

Certified by:
Lisa Grant, Project Manager

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

NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
State of Illinois Bacteriological Analysis in Drinking Water Certified Lab Registry No. 17533
Drinking Water Certifications: Indiana (C-IL-04); Kansas (E-10336); Missouri (00670); Wisconsin (998294430)
Wastewater Certifications: Arkansas; Iowa (240); Kansas (E-10336); Wisconsin (998294430)
Hazardous/Solid Waste Certifications: Arkansas; Kansas (E-10336); Wisconsin (998294430)
UST Certification: Iowa (240)
REQUEST FOR DISCUSSION

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

AGENDA DATE REQUESTED: May 20, 2015

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

BACKGROUND:

We currently do not expect any 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 Mr. Bergsten’s signature be required, Foth will provide details to the Committee at the next scheduled meeting.

FINANCIAL IMPACT: N/A
REQUEST FOR DISCUSSION

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

AGENDA DATE REQUESTED: May 20, 2015

ACTION REQUESTED: Receive and File information

BACKGROUND: At the request of Mr. Van Winkle, the attached information shows waste volumes received by month at Peoria City County Landfill No. 2 by Waste Management of Illinois from May of 2009 through March of 2015. Waste volumes received in 2015 are consistent with historical values.

FINANCIAL IMPACT: N/A
Total Waste Received PCCL Landfill No 2

<table>
<thead>
<tr>
<th>Month</th>
<th>2009 Tonnage</th>
<th>2010 Tonnage</th>
<th>2011 Tonnage</th>
<th>2012 tonnage</th>
<th>2013 tonnage</th>
<th>2014 tonnage</th>
<th>2015 tonnage</th>
<th>Average by Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>14,431.52</td>
<td>12,725.65</td>
<td>14,240.62</td>
<td>14,610.96</td>
<td>14,531.08</td>
<td>12,592.84</td>
<td>13,855.4</td>
<td></td>
</tr>
<tr>
<td>February</td>
<td>15,894.61</td>
<td>11,801.18</td>
<td>12,687.38</td>
<td>11,401.56</td>
<td>11,689.56</td>
<td>11,134.61</td>
<td>12,434.8</td>
<td></td>
</tr>
<tr>
<td>March</td>
<td>18,583.87</td>
<td>16,782.75</td>
<td>15,932.67</td>
<td>15,541.87</td>
<td>17,911.20</td>
<td>16,961.56</td>
<td>16,952.3</td>
<td></td>
</tr>
<tr>
<td>April</td>
<td>26,745.51</td>
<td>17,454.25</td>
<td>15,124.74</td>
<td>17,520.91</td>
<td>20,643.72</td>
<td>19,769.8</td>
<td>19,497.8</td>
<td></td>
</tr>
<tr>
<td>May</td>
<td>20,133.56</td>
<td>19,407.83</td>
<td>17,240.20</td>
<td>20,317.50</td>
<td>21,031.20</td>
<td>19,769.6</td>
<td>19,769.6</td>
<td></td>
</tr>
<tr>
<td>June</td>
<td>20,475.23</td>
<td>21,131.53</td>
<td>17,105.57</td>
<td>18,499.18</td>
<td>20,827.22</td>
<td>20,398.4</td>
<td>20,398.4</td>
<td></td>
</tr>
<tr>
<td>July</td>
<td>20,661.46</td>
<td>20,973.17</td>
<td>16,942.32</td>
<td>18,609.20</td>
<td>21,915.44</td>
<td>20,154.2</td>
<td>20,154.2</td>
<td></td>
</tr>
<tr>
<td>August</td>
<td>20,340.96</td>
<td>21,409.82</td>
<td>21,819.77</td>
<td>21,574.24</td>
<td>18,623.82</td>
<td>20,535.9</td>
<td>20,535.9</td>
<td></td>
</tr>
<tr>
<td>September</td>
<td>25,985.03</td>
<td>19,026.96</td>
<td>18,894.15</td>
<td>19,379.80</td>
<td>17,722.38</td>
<td>19,421.8</td>
<td>19,421.8</td>
<td></td>
</tr>
<tr>
<td>October</td>
<td>20,916.49</td>
<td>26,063.78</td>
<td>18,830.50</td>
<td>17,710.37</td>
<td>20,212.83</td>
<td>20,192.8</td>
<td>20,192.8</td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>17,819.70</td>
<td>22,795.94</td>
<td>15,497.95</td>
<td>21,043.51</td>
<td>14,511.80</td>
<td>18,288.0</td>
<td>18,288.0</td>
<td></td>
</tr>
<tr>
<td>December</td>
<td>16,085.02</td>
<td>18,432.75</td>
<td>15,433.43</td>
<td>13,256.07</td>
<td>32,699.22</td>
<td>18,476.3</td>
<td>18,476.3</td>
<td></td>
</tr>
</tbody>
</table>

Total       | 162,417.45   | 244,897.29   | 211,021.11   | 197,861.44   | 228,908.32   | 214,571.32   | 40,689.01    | 219,977.29    |
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Mark Williams and Josh Gabehart, P.E., Foth

AGENDA DATE REQUESTED: May 20, 2015

ACTION REQUESTED: Receive and File Landfill #1 – 1st Quarter 2015 Groundwater Update

BACKGROUND: This memo serves as the quarterly update of the current status of groundwater compliance for Landfill #1. Below is brief description of the groundwater sampling process.

As required in the landfill permit, groundwater monitoring wells surrounding the landfill are routinely sampled to detect signs of potential discharge, release, or impact to the groundwater within the facility boundary. The groundwater monitoring wells are sampled on a semi-annual basis (2nd and 4th quarters). The samples are analyzed for the parameters listed in the permit and detections are compared to their respective Applicable Groundwater Quality Standard (AGQS). This is considered detection monitoring or routine sampling.

If a groundwater monitoring well has a detection of a parameter above its AGQS value, it is considered an observed increase and requires re-sampling. That groundwater monitoring well is then re-sampled the following quarter for that specific parameter. If the re-sample result returns below the AGQS value, the groundwater monitoring well returns to detection monitoring. If the result returns above the AGQS, it is considered a confirmed increase and the groundwater monitoring well then moves into assessment monitoring.

Upon receiving a confirmed increase, the IEPA is notified that the groundwater monitoring well has a confirmed increase for a particular parameter and an assessment plan is proposed. Assessment monitoring typically consists of sampling the groundwater monitoring well on a quarterly basis (rather than semi-annually), but could also include installing nearby temporary monitoring wells or other means to investigate the higher concentrations and to determine the cause of the increase and delineate the area of concern. The length of time a groundwater monitoring well is in assessment monitoring can vary greatly. Depending on the detection level of the parameter at the conclusion of the assessment monitoring period, a report is submitted to the IEPA for approval which either proposes the groundwater monitoring well return to detection monitoring, a new AGQS value for that parameter is proposed, or corrective action is proposed for the groundwater monitoring well.

Corrective action for a groundwater monitoring well, with IEPA approval and direction, can involve a variety of actions such as continued well monitoring, groundwater extraction, gas/leachate system operations/improvements, increased monitoring well network, etc. The length of time a groundwater monitoring well is in corrective action can also vary greatly. Upon the conclusion of the corrective action period and the parameter of concern has returned to an acceptable level, a report is submitted to IEPA for approval to propose the well return to detection monitoring.

SUMMARY: Quarterly Monitoring results are summarized:

1) Observed Increases Three (3) monitoring wells had observed increases during the 4th quarter 2014 groundwater sampling event. Dissolved and total nitrate at monitoring well G17S and
dissolved chromium at monitoring wells G20S and G22S. As required by the permit, these observed increases were resampled during the 1st quarter 2015 sampling event. All concentrations returned to levels below permit AGQS values, no further compliance action is required for these observed increases.

Also occurring during the 1st quarter sampling event, there were reported concentrations above permit AGQS values for the parameters dissolved arsenic at well G04S, and dissolved lead and dissolved chromium at monitoring wells G04S and R10S. The IEPA was notified of the increases and resampling will occur during the second quarter as part of ongoing monitoring and corrective action already being conducted at these two wells.

2) Corrective Action Underway. Assessment monitoring continues at monitoring wells G02S, G04S, and R10S. Volatile organic compounds (VOCs) were not detected at monitoring wells G02S or G04S in the 1st quarter 2015 sampling event but Cis 1,2-dichloroethene was detected at well R10S during that event. This parameter was the only VOC detected and was at a concentration of 0.1 ppb above the permit AGQS value.

As mentioned above the dissolved metal parameters arsenic (G04S), chromium and lead (G04S, R10S) had concentrations above permit AGQS values. The concentrations of these parameters will be evaluated for trends at G04S, R10S and nearby monitoring wells after completion of the 2nd quarter sampling event. As a condition of corrective action additional analytical testing is already required during the 2nd quarter event for these three (3) monitoring wells. The additional analytical testing requirements include inorganic and organic parameters from 35 IAC 620.410 and 40 CFR Appendix II Parameter lists.

3) Assessment Monitoring at Groundwater Monitoring Wells R15S and G23S for the dissolved metal chromium. Assessment monitoring for dissolved chromium at wells G15S and G23S is underway. The assessment plan was approved in Permit Modification No. 86 dated February 5, 2015. The dissolved chromium concentration at R15S and G23S remained above permit AGQS values during the 1st quarter event. An assessment summary report of the findings is due to the IEPA on February 15, 2016.

FINANCIAL IMPACT: The Committee is responsible for assessment monitoring costs that arise based on confirmed increases.

As a reminder, by contract with the Committee, Waste Management is responsible for routine groundwater sampling and re-samples at Landfill No. 1. However, assessment monitoring that arises based on increases confirmed by re-sampling are the responsibility of the Committee. This monitoring is generally completed by Waste Management's contractor in order to reduce costs of additional trips and field personnel.
REQUEST FOR DISCUSSION
To: Peoria City/County Landfill Committee Members
From: Joshua Gabehart, P.E., Foth

AGENDA DATE REQUESTED: May 20, 2015,

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 April 30, 2015. The total amount billed to date is $297,752.63. 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 $16,652.27 due to request for additional services by the Committee associated with RTC litigation, which includes file search, review of historic documentation, and consultation with the Committee’s Legal Counsel.

During the month of April, the IEPA Bureau of Air requested over 30 points of additional information for the Peoria City County Landfill Site Clean Air Act Title V. The request required response by May 15, 2015 and the information request is in response to a submittal from December of 2010 to the IEPA. The response was completed by Waste Management but Landfill 1 information and submittal review was provided by Foth.

Updates Regarding Compliance Activities, Measures and Progress

There were two (2) unscheduled shutdowns during the month of April. The first occurred on April 2nd for 5 hours and 16 minutes and was caused by a power outage. Power was restored and the flare resumed operation. The second shutdown was on April 9th and lasted only 1 minute. The cause of the shutdown was unknown and the flare automatically resumed operation immediately following the shutdown.

Overall the months of March and April have been highly productive with leachate extraction and GCCS improvements. Since Januar, 60,700 gallons of leachate/condensate have been removed from Landfill No.1 and transported to the GPSD for treatment. At this point in 2014, 9,000 gallons had been transported to the GPSD for treatment by the end of April.

Through proper maintenance, condensate removal and monitoring of the GCCS, only one gas well (R-5) exhibited positive pressure in March, which has decreased from two gas wells in February and 3 gas wells in January.

FINANCIAL IMPACT: The time period of the budget for engineering services is currently 83% complete. Including the additional services required the GCCS project, legal support, unplanned system repairs, and IEPA information requests; the current expenditures are 101% of the approved engineering budget.
| Phase Description | Engineering Services | Compensation | Jul | Aug | Sep | Oct | Nov | December | January | February | March | April | May | June | TOTAL | % Budget Spent |
|-------------------|---------------------|--------------|-----|-----|-----|-----|-----|----------|----------|----------|----------|--------|------|-----|--------|--------|----------------|
| 1. Permit & Title | $9,000 | $8,000 | 5,416.09 | 3,125.52 | 2,416.28 | 2,490.84 | 2,654.34 | 2,605.38 | 2,654.34 | 2,654.34 | 2,654.34 | 1,979.02 | $3,000 | 33% |
| 2. Legal Support Services | $65,000 | $50,000 | 28,696.83 | 18,710.93 | 13,809.41 | 13,759.73 | 15,658.34 | 15,658.34 | 15,658.34 | 15,658.34 | 15,658.34 | 11,292.18 | $50,000 | 100% |

**Total: $3,007,654.34**
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Mike Rogers, Public Works Director

AGENDA DATE REQUESTED: May 20, 2015

ACTION REQUESTED: RECEIVE AND FILE FINANCIAL REPORTS

BACKGROUND: Attached is the revenue and expense financial report for financial transactions occurring in April 2015. The report shows the prior year’s (fy2014) actual financial performance, the projected 2015 monthly budget and the monthly actual for the reporting period. The shaded columns depicts the year-to-date 2014 and 2015 total, allowing a quick comparison of past and current financial performance. The attached chart displays the financial information in bar graph form.

The actual revenue for the month of April is in excess of the expense and reflect a favorable balance of $12,842.53. The year-to-date January through April revenue over expense balance of $19,736.27 is also favorable, compared to last year unfavorable balance of negative $11,766.15 during the same time period.
## Landfill Fund Monthly Revenue & Expense Summary - 2015

Wednesday, May 20, 2015

### Revenues

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Host Fees ($2.26/ton)*</td>
<td>$48,843.23</td>
<td>$37,647.00</td>
<td>$32,585.37</td>
<td>$21,605.31</td>
<td>$37,647.00</td>
<td>$28,141.38</td>
<td>$17,345.40</td>
<td>$37,647.00</td>
<td>$24,953.43</td>
</tr>
<tr>
<td>Leases</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Interest Earned</td>
<td>$37.95</td>
<td>$74.24</td>
<td>$37.18</td>
<td>$32.52</td>
<td>$74.24</td>
<td>$49.65</td>
<td>$30.20</td>
<td>$74.25</td>
<td>$53.86</td>
</tr>
<tr>
<td>On Meshal Funds</td>
<td>$ -</td>
<td>$0.04</td>
<td>$ -</td>
<td>$0.03</td>
<td>$ -</td>
<td>$0.04</td>
<td>$ -</td>
<td>$0.03</td>
<td>$ -</td>
</tr>
<tr>
<td>Other Revenues</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td><strong>Total Revenues</strong></td>
<td>$48,881.18</td>
<td>$37,721.28</td>
<td>$32,622.55</td>
<td>$21,637.83</td>
<td>$37,721.27</td>
<td>$28,191.03</td>
<td>$17,375.60</td>
<td>$37,722.49</td>
<td>$25,007.29</td>
</tr>
</tbody>
</table>

### Expenses

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<td>$ 3,279.69</td>
<td>$ 9,655.36</td>
<td>($15,150.27)</td>
<td>$ 2,024.68</td>
<td>($6,813.85)</td>
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<td>($5,106.14)</td>
<td>$ 2,025.90</td>
<td>$ 4,052.23</td>
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** Footnotes:**
- * 2015 Budget based on 200,000 Tons increased from fees of 2.5% to 2.6% Tonnage
- ** City and County personnel Cost reimbursements are included at 2%
- *** Off-Site Leachate disposal costs reduced to reflect the lower costs resulting from approval to discharge at GSP

### Summary

- **Beginning Cash Balance:** $236,727.89
- **Ending Cash Balance:** $240,667.72
- **Excess Revenues over Expenses:** $8,136.05
- **Total:** $127,517.88

**Notes:**
- FY2014: YTD Actual
- FY2015: YTD Actual
- FY2015: 12 MO Budget

---

Page 1
# Landfill Fund • Monthly Revenues

**Wednesday, May 20, 2015**

## Revenues

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## Expenses

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<th>GCCS Rehabilitation</th>
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## Excess Revenues over Expenses

- 2015 Budget based on 200,000 tons increased host fees of 2.5% to $2.26/ton

*City and County personnel Cost reimbursements are increased at 2%*

**Off-Site Leachate disposal costs reduced to reflect lower costs resulting from approval to discharge at GPSD**

## Beginning Cash Balance

- **Beginning Cash Balance**
  - 231,751.99
  - 236,196.74
  - $ -
  - $ -
  - $ -
  - $ -
  - $ -
  - **236,196.74**
  - **192,100.29**
  - **219,822.07**

## Ending Cash Balance

- **Ending Cash Balance**
  - 236,196.74
  - 240,667.72
  - $ -
  - $ -
  - $ -
  - $ -
  - **240,667.72**
  - **214,172.63**
  - **253,642.53**

### Notes

- **Landfill**
- **Monthly Revenues**
- **Endings**
- **Revenues**
- **Expenses**
- **Excess Revenues**
- **Budgets**
- **Actuals**
- **12-Month Budget**

**Page 2**
### LANDFILL FUND MONTHLY REVENUE & EXPENSE SUMMARY - 2015

**Wednesday, May 20, 2015**

#### LANDFILL FUND REVENUES & EXPENSES
2015 Monthly Comparison

![Bar chart showing revenue and expenses for January, February, March, April, and YTD Total.]

#### Table: 2014 Rev Actual vs 2015 Budget & Actual

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AGENDA DATE REQUESTED: May 20, 2015

ACTION REQUESTED: Receive and File the Provisional 404 Permit issued by the U.S. Army Corps of Engineers (USACOE) to PCCL which will now allow it to perform a compensatory wetland mitigation project at the Peoria Park District’s Vicary Bottoms property so that PCCL can disturb a wetland located within the proposed Peoria City/County Landfill No. 3 Facility and fully develop the Expanded Landfill.

FINANCIAL IMPACT: N/A
Operations Division

SUBJECT: CEMVR-OD-P-2014-1499

Mr. Christopher Coulter
Peoria City/County Landfill, Inc.
4700 North Sterling Avenue
Peoria, Illinois 61615

Dear Mr. Coulter:

We are enclosing a Department of the Army (DA) provisional permit (in duplicate) which, when issued, will authorize the mechanical clearing and filling of 1.62 acres of emergent/forested wetland for the purpose of expanding an existing landfill site in Section 23, Township 9 North, Range 6 East, Peoria County, Illinois.

At this time, please carefully review the enclosed permit, and also refer to the enclosed Notification of Applicant Appeal Process (NAP). The decision regarding this action is based on information found in the administrative record, which documents the District’s decision-making process, the basis for the decision, and the final decision.

Please note that, by Federal law, a DA permit cannot be issued until a State Section 401 Water Quality Certification has been issued or has been waived. As of this date, the Illinois Environmental Protection Agency (IEPA) has not issued water quality certification for your project. You may wish to contact the IEPA to determine the status of the water quality certification for your project. They may be contacted by telephone at 217-782-3362 or by mail at the address at the end of this letter.

Therefore, this provisional permit is NOT VALID and you are not authorized to commence work under this permit until:

- You have received the state certification or the certification is considered waived by this District, and
- You and this District have appropriately signed the permit.

Conditions of the State water quality certification, if issued, will become conditions to the final DA permit. We will notify you if the State’s action on the required certification or concurrence precludes validation of the provisional permit in its current form, requiring further action. Substantial changes may require a modification of the current provisional permit or possibly re-evaluation, including issuing a new public notice.
When you receive the Section 401 water quality certification or we notify you that we consider the certification waived, you may accept this initial proffered provisional permit by signing and dating both copies of the permit on page 8 and return both copies of the permit with a check for $100.00. Please make the check payable to the Rock Island District, Corps of Engineers at the following address:

District Engineer  
US Army Corps of Engineers, Rock Island District  
ATTN: Regulatory Branch (OD-PE)  
Clock Tower Building  
Post Office Box 2004  
Rock Island, Illinois 61204-2004

The permit will become effective when signed by an authorized representative of this office. We will provide a copy of the signed permit to you at that time.

If you do not accept the terms and conditions of this initial proffered provisional permit, you may decline and request that this initial proffered permit be modified by following procedures outlined in Section I.A. of the attached Notification of Appeals Process. If you decline, however, you are not authorized to commence work until you receive the appropriate Department of the Army authorization. Your request must be received by the Rock Island District Engineer at the above address by June 29, 2015.

Our office has completed a Preliminary Jurisdictional Determination concerning your project area. A copy of our jurisdictional determination is enclosed. A Preliminary Jurisdictional Determination is not appealable, and it is applicable only to the permit program administered by the Corps of Engineers. Please review, sign, date, and return the form to our office.

Thank you for your cooperation. Should you have any questions, please contact me by letter, or telephone me at (309) 794-5674.

Sincerely,

[Signature]

Gene W. Walsh  
Project Manager  
Illinois/Missouri Section  
Regulatory Branch

Enclosures
DEPARTMENT OF THE ARMY PERMIT

Permit Number: CEMVR-OD-P-2014-1499  Section: 404

Permittee: Peoria City/County Landfill, Inc.  POC: Mr. Christopher Coulter
        4700 North Sterling Avenue  Tel: 309-688-0760
        Peoria, Illinois 61615

Effective Date:

Expiration Date: December 31, 2021

Issuing Office: U.S. Army Corps of Engineers, Rock Island District
        Clock Tower Building - P.O. Box 2004
        Rock Island, Illinois 61204-2004

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate officer of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: The permittee will fill 1.62 acres of emergent/forested wetland in association with the expansion of the Peoria City/County Landfill. The landfill expansion project will provide 10.1 million tons of waste disposal capacity within an approximate 78.2-acre expansion area at the existing 321-acre landfill site.

Wetland Mitigation Plan: The permittee will construct, maintain, and monitor a 10.7-acre wetland mitigation site at Vicary Bottoms Dog Park within the Kickapoo Creek watershed. After the wetland complex has been successfully established and monitored for a minimum period of 5 years, the long term maintenance and management of the mitigation site will be transferred to the Peoria Park District which owns and operates the dog park. Compensatory mitigation shall be in excess of a 2:1 replacement ratio. The wetland plan involves the establishment of 1.29 acres of emergent wetland, 2.03 acres of wet prairie, 0.1 acres of forested wetland, 0.43 acres of deep water habitat, and 2.5 acres of upland prairie buffer. An additional 3.3 acres of existing wooded riparian corridor shall be preserved.

Project Location:
- **Wetland Mitigation Site.** Section 1, Township 8 North, Range 7 East; near Pottstown, Peoria County, Illinois. Datum NAD-83. UTM Zone 16. Northing 4510020.52, Easting 275734.92. Lat: 40.7105871. Long: -89.654876. (Peoria West, IL USGS topo map)

In accordance with the plans and drawings attached hereto which are incorporated in and made a part of this permit.

Drawings  CEMVR-OD-P-2014-1499  Sheet 1 of 4, Regional Map
            Sheet 2 of 4, Landfill Expansion Area
            Sheet 3 of 4, Location of Wetland Mitigation Site
            Sheet 4 of 4, Wetland Mitigation Site Plan
Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on the date specified on page 1. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before that date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party, in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization. The permittee is required to provide 60-day advance notification to the district engineer before any action is taken to void or modify the instrument, management plan, or long-term protection mechanism, including transfer of title to, or establishment of any other legal claims over, the wetland enhancement site.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. That the permittee understands and agrees that this permit is not valid until the Illinois Environmental Protection Agency either issues or waives water quality certification. (See also General Condition 5 above.) Any conditions listed in the water quality certification from the Illinois Environmental Protection Agency will be a part of this permit (once issued).

2. The technical specifications listed in the document entitled Vicary Bottoms Wetland Mitigation Plan dated September 2014 should be made part of this permit and may be used as a reference for various procedures for the mitigation plan except as superseded as discussed below.

3. In order to protect water quality, if excavation and construction are completed outside an optimal seeding period, temporary erosion control protection shall be implemented immediately upon completion of excavation and construction and shall be maintained until such time as wetland plantings can be completed during an optimal period. The permanent wetland plantings shall then be completed during the next optimal seeding period.
4. Mitigation work shall begin concurrent with the initiation of project construction. The mitigation work shall be completed within one year of the initiation of project construction on the site.

5. The permittee shall notify this office in writing upon the completion of the wetland mitigation plan. The permittee shall be responsible to perform any corrective actions deemed necessary by this district to insure wetland success.

6. Drawings/photographs/location maps of the constructed wetland mitigation area will be submitted to the District Engineer (DE) within 30 days of completing construction activities. The drawings must include a list of species planted, the location of all plantings, cross-sectional drawings of the planting schemes and the boundaries of the enhancement activities;

7. Wetland monitoring reports must be submitted on an annual basis for a period of five years:

   a. The reports must include photos taken at established photo points, a list of dominant plant species, the average percent cover for each dominant species, the success rate of plantings, an evaluation of the upper 3 feet of the soil profile, an assessment of wetland hydrology (defined as inundation of 2 feet or less and/or saturation within 12 inches of the ground surface for at least 14 consecutive days of the average growing season), and details of any corrective actions taken or needed;

   b. The monitoring reports will be submitted to the Corps of Engineers, Rock Island District Office by December 31 of each year;

   c. Monitoring must begin the first full growing season after the grading and planting of the wetland area and must occur during the growing season;

   d. Annual monitoring reports must follow a 10-page maximum report format for assessing the wetland mitigation area, as follows:

      i. Project Overview (1 page)

         (1) Corps Permit Number
         (2) Name and contact information of permittee and consultant
         (3) Name of party responsible for conducting the monitoring and the date(s) the inspection was conducted.
         (4) A brief paragraph describing the purpose of the approved project, acreage and type of aquatic resources impacted, and mitigation acreage and type of aquatic resources authorized to compensate for the aquatic impacts.
         (5) Written description on the location and any identifiable landmarks of the compensatory mitigation project including information to locate the site perimeter(s) and coordinates of the mitigation site (expressed as latitudes, longitudes, UTMS, state plane coordinate system, etc.).
         (6) Directions to the mitigation site.
         (7) Dates mitigation/restoration commenced and/or completed.
         (8) A brief statement on whether the performance standards are being met.
         (9) Dates of any recent corrective or maintenance activities conducted since submission of any previous reports.
         (10) Specific recommendations for any additional corrective or remedial actions.
ii. Requirements (1 page)

List the monitoring requirements and performance standards, as specified in the approved plan and special conditions of the permit, and evaluate whether the site is successfully achieving the approved performance standards or trending towards success. A table is a recommended option for comparing the performance standards to the conditions and status of the developing wetland mitigation site.

iii. Summary Data (maximum of 4 pages)

Summary data should be provided to substantiate the success and/or potential challenges associated with the wetland mitigation project. Photo documentation may be provided to support the findings and recommendations referenced in the monitoring report and to assist the project manager (PM) in assessing whether the project is meeting the applicable performance standards for that monitoring period. Submitted photos should be formatted to print on a standard 8 ½ x 11” piece of paper, dated, and clearly labeled with the direction from which the photo was taken. The photo location points should also be identified on the appropriate maps.

iv. Maps and Plans (maximum of 3 pages)

Maps should be provided to show the location of the site relative to other landscape features, habitat types, locations of photographic reference points, transects, sampling data points, and/or other features pertinent to the wetland mitigation plan. In addition, the submitted maps should clearly delineate the site perimeters, which will assist the PMs with locating the area during subsequent site inspections. Each map or diagram should be formatted to print on a standard 8 ½ x 11” piece of paper and include a legend and the location of any photos submitted for review. As-built plans may be included as well.

v. Conclusions (1 page)

A general statement should be included that describes the conditions of the wetland mitigation project. If performance standards are not being met, a brief explanation of the difficulties and potential remedial actions proposed by the permittee or sponsor, including a timetable, should be provided. The District Commander will ultimately determine if the site is successful for a given monitoring period.

8. All wetland boundaries shall be marked in the field with signs and/or highly visible flagging until construction-related ground disturbance activities are complete.

9. The permittee will perform any corrective measures deemed necessary by the DE to insure the success of the wetland mitigation site.

10. Non-native plants and aggressive native cultivars such as switch grass (Panicum virgatum) shall not be used in seed mixes, and invasive species such as reed canary grass (Phalaris arundinacea), purple loosestrife (Lythrum salicaria), smooth brome grass (Bromus inermis), crown vetch (Corinilla varia), birdfoot trefoil (Lotus corniculatus), Canada thistle (Cirsium arvense), bull thistle (Cirsium vulgare), wild parsnip (Pastinaca sativa), common reed (Phragmites australis), Eurasian honeysuckles (Lonicera spp.), buckthorns (Rhamnus cathartica and R. frangula), Yellow Cress (Rorippa sylvestris), and white and yellow sweet clovers (Melilotus alba and M. officinalis) will be controlled.

11. The unaffected waters delineated within the adjacent project area must be protected during land leveling and construction activities. The jurisdictional waters may not be graded or used as staging areas, temporary crossings, temporary fill sites, etc. without prior authorization from the Corps of Engineers. Prior to the commencement of any physical work within the designated construction right-of-
way, the areas that are to remain undisturbed shall be clearly marked in the field and identified to the heavy equipment operators.

12. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow.

13. Any land use conversion within the wetland mitigation area which may interfere with or be detrimental to the functions and values of these aquatic resources, is prohibited. Consistent with the Corps regulations the permittee is required to provide 60-day advance notification to the district engineer before any action is taken to void or modify the instrument, management plan, or long-term protection mechanism, including transfer of title to, or establishment of any other legal claims over, the compensatory mitigation site.

14. To preserve the mitigation site for its authorized purpose, there shall be no commercial, industrial or residential activity undertaken or allowed within the mitigation area. There shall be no buildings, dwellings, barns, roads, advertising signs, billboards or other structures built or placed in the mitigation area, except when provided in the original mitigation plan, the permittee may install a viewing site, outdoor seating facility along with a plaque or other historical signage, tree stands or water fowl hunting blinds; There shall be no dredging, filling, excavating, mining, drilling or removal of any topsoil, sand, gravel, rock, minerals or other materials.

15. To preserve the mitigation site for its authorized purpose, no plowing, tilling, cultivating, planting, timbering, or other agricultural activities may take place within the mitigation area except for the purposes described in the permittee's approved mitigation plan. The permittee is obliged to establish or re-establish vegetation through seedings or plantings in furtherance of that plan. Further, permittee may manipulate vegetation, topography and hydrology on the mitigation area through diking, pumping, water management, excavating, burning, cutting pesticide application and other suitable methods for the purpose of protecting, enhancing buffers, wetlands and wetland vegetation. The permittee is responsible for compliance with all federal, state and local laws governing the safety and maintenance of the property, including the control of noxious weeds within the mitigation area. Grazing of the mitigation area by domestic livestock is prohibited.

16. To ensure that the mitigation site can be maintained for its authorized purpose, the permittee must acquire, preserve and defend acquisition and any water or land rights where needed to maintain the ecological functions of the required mitigation. The permittee is obligated to install, operate and maintain water control structures for the purpose of protecting, re-establishing and enhancing wetlands and their functional values. This includes the right to transport construction materials to and from the site of any existing or proposed water control structure. The hydrology of the mitigation area will not otherwise be altered in any way or by any means including pumping, draining, diking, impounding or diverting surface or ground water into or out of the mitigation area.

17. As required by the mitigation rule, the permittee shall notify the district engineer within 60 days if the compensatory mitigation project is not achieving its performance standards as anticipated. The permittee shall provide 60-day advance notification to the district engineer if any action is taken to modify the approved mitigation plan. Remedial work may include re-grading and/or replanting the mitigation site. The permittee shall take immediate proactive steps necessary to correct any deficiencies outlined in the monitoring reports and shall coordinate with this office during implementation to insure compliance with the terms and conditions in this permit.
18. As required by the mitigation rule the permittee shall provide 60-day advance notification to the district engineer prior to any planned conveyance of mitigation lands for the district engineer’s approval. The notification shall identify how and by whom the approved mitigation shall be accomplished. The permittee shall provide documentation of any conveyance in writing and by certified mail within 15 days after the conveyance. The responsible party identified in the permit shall retain all liability for maintaining adequate mitigation and accomplishing any needed corrective work should the district engineer determine that the mitigation is not satisfactory.

19. As required by the mitigation rule, the permittee’s responsibility to complete the required compensatory mitigation will not be considered fulfilled until you have demonstrated mitigation success and have received written verification from the U.S. Army Corps of Engineers.

20. You are responsible for insuring that whoever performs, supervises, or oversees any portion of the physical work associated with the construction of the project has a copy of, is familiar with, and complies with all the terms and conditions of this permit.

21. You must take the actions required to record this permit with the Registrar of Deeds or other appropriate official charged with the responsibility for maintaining records of title to or interest in real property.

22. Finally, the Corps of Engineers determined the project is not likely to adversely affect federally threatened and endangered species provided all tree clearing occurs outside the maternity and swarming season of the Indiana bat (Myotis sodalis) and the northern long-eared bat (Myotis septentrionalis) which extends from April 1 to October 31. If you are unable to abide by the tree clearing restriction, you must notify the Corps of Engineers, and we will initiate consultation with the U.S. Fish and Wildlife Service.

Further information:
1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

   ☑ Section 404 of the Clean Water Act (33 U.S.C. 1344).

2. Limits of this authorization.
   a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
   b. This permit does not grant any property rights or exclusive privileges.
   c. This permit does not authorize any injury to the property or rights of others.
   d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

   a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

   b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

   c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

   d. Design or construction deficiencies associated with the permitted work.

   e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

   a. You fail to comply with the terms and conditions of this permit.

   b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

   c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.
Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Permittee ___________________________ Date ___________________________

The issuing officer for this permit is Mark J. Deschenes, Colonel, U.S. Army, Commander & District Engineer, Rock Island District.

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, and in accordance with CEMVR-OD-P appointment order dated 15 January 2008, has signed below.

_________________________ ___________________________
Gene Walsh Date
Project Manager
Illinois/Missouri Section
Regulatory Branch

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

_________________________ ___________________________
Transferee Date
NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

<table>
<thead>
<tr>
<th>Applicant: Peoria City/County Landfill, Inc.</th>
<th>File Number: 2014-1499</th>
<th>Date: 04/27/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attached is:</td>
<td>See Section Below</td>
<td></td>
</tr>
</tbody>
</table>

- **X** INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)  
  - **A**
- **PROFFERED PERMIT (Standard Permit or Letter of permission)**  
  - **B**
- **PERMIT DENIAL**  
  - **C**
- **APPROVED JURISDICTIONAL DETERMINATION**  
  - **D**
- **X** PRELIMINARY JURISDICTIONAL DETERMINATION  
  - **E**

**SECTION I** - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at [http://www.usace.army.mil/cecw/pages/reg_materials.aspx](http://www.usace.army.mil/cecw/pages/reg_materials.aspx) or Corps regulations at 33 CFR Part 331.

**A: INITIAL PROFFERED PERMIT:** You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

**B: PROFFERED PERMIT:** You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**C: PERMIT DENIAL:** You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**D: APPROVED JURISDICTIONAL DETERMINATION:** You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**E: PRELIMINARY JURISDICTIONAL DETERMINATION:** You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also, you may provide new information for further consideration by the Corps to reevaluate the JD.
### SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

**REASONS FOR APPEAL OR OBJECTIONS:** (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

<table>
<thead>
<tr>
<th>[Image]</th>
<th>[Image]</th>
</tr>
</thead>
</table>

**ADDITIONAL INFORMATION:** The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

### POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Mr. Gene Walsh  
U.S. Army Corps of Engineers  
Clock Tower Building  
P.O. Box 2004  
Rock Island, Illinois 61204-2004  
(309)794-5674

If you only have questions regarding the appeal process you may also contact:

Mr. Thomas McCabe, CEMVD-PD-OD  
Administrative Appeals Review Officer  
Mississippi Valley Division  
P.O. Box 80  
Vicksburg, MS 39181-0080  
601-634-5820  
FAX: 601-634-5816

**RIGHT OF ENTRY:** Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

<table>
<thead>
<tr>
<th>Signature of appellant or agent.</th>
<th>Date:</th>
<th>Telephone number:</th>
</tr>
</thead>
</table>
PRELIMINARY JURISDICTIONAL DETERMINATION FORM

This preliminary JD finds that there “may be” waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

<table>
<thead>
<tr>
<th>District Office</th>
<th>Rock Island District</th>
<th>File/ORM #</th>
<th>2014-1499</th>
<th>PJD Date:</th>
<th>Apr 27, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>IL</td>
<td>City/County</td>
<td>Peoria County</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nearest Waterbody</td>
<td>Coal Hollow Run and Warsaw Run</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location: TRS, LatLong or UTM:</td>
<td>Lat 40.744020438</td>
<td>Long -89.790802239</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name/ Address of Person Requesting PJD</td>
<td>Mr. Christopher Coulter</td>
<td>Peoria City/County Landfill, Inc.</td>
<td>4700 N Sterling Avenue</td>
<td>Peoria, Illinois 61615</td>
<td></td>
</tr>
</tbody>
</table>

Identify (Estimate) Amount of Waters in the Review Area:

- Non-Wetland Waters: [ ] linear ft [ ] width [ ] acres [ ] N/A
- Wetlands: [ ] 4.52 acre(s) Cwamn Class: Palustrine, emergent

Name of Any Water Bodies on the Site Identified as Section 10 Waters:

- Tidal:
- Non-Tidal:
- Office (Desk) Determination: [ ]
- Field Determination: [ ]
- Date of Field Trip: [ ]

SUPPORTING DATA: Data reviewed for preliminary JD (check all that apply - checked items should be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: [ ]
- Data sheets prepared/submitted by or on behalf of the applicant/consultant:
- Office concurs with data sheets/delineation report: [ ]
- Office does not concur with data sheets/delineation report: [ ]
- Data sheets prepared by the Corps: [ ]
- Corps navigable waters’ study:
- U.S. Geological Survey Hydrologic Atlas:
- USGS NHDA data:
- USGS 8 and 12 digit HUC maps:
- U.S. Geological Survey map(s). Cite quad name: [ ]
- USDA Natural Resources Conservation Service Soil Survey. Citation:
- National wetlands inventory map(s). Cite name: [ ]
- State/Local wetland inventory map(s):
- FEMA/HIRM maps:
- 100-year Floodplain Elevation is:
- Photographs: [ ] Aerial (Name & Date):
- [ ] Other (Name & Date):
- Previous determination(s). File no. and date of response letter:
- Other information (please specify):

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

Signature and Date of Regulatory Project Manager (REQUIRED)

Signature and Date of Person Requesting Preliminary JD (REQUIRED, unless obtaining the signature is impracticable)

EXPLANATION OF PRELIMINARY AND APPROVED JURISDICTIONAL DETERMINATIONS:

1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring “preconstruction notification” (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit other than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the permit authorization without requesting an approved JD constitutes the applicant’s acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a preferred individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a preferred individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable.
This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

Appendix A - Sites

<table>
<thead>
<tr>
<th>Site Number</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Cowardin Class</th>
<th>Est. Amount of Aquatic Resource in Review Area</th>
<th>Class of Aquatic Resource</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-1499</td>
<td>40.74402043</td>
<td>-89.7908022</td>
<td>Palustrine emergent</td>
<td>4.52 acres</td>
<td>emergent/forested wetland</td>
</tr>
</tbody>
</table>

Notes:

The review area of this jurisdictional determination was limited to the potential permit area for the project. Other waters of the United States (including wetlands) exist beyond the limits of the proposed review area. Any future discharges of dredged and/or fill material into waters of the U.S. will require Department of the Army authorization.
REQUEST FOR DISCUSSION

To:        Peoria City/County Landfill Committee Members

From:  Mike Wiersema & Dan Erni, Waste Management

AGENDA DATE REQUESTED:  May 20, 2015

ACTION REQUESTED:  Receive and file monthly reports.

BACKGROUND:  Attached is the monthly activity report through April 2015.

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

2. Illinois EPA resumed work on renewing the site’s Title V air permit, and requested additional information for both LF#1 and LF#2. We are working with Foth to meet the requested submittal deadline of May 15th, and will have Mr. Bergsten sign the appropriate forms once reviewed and approved by Foth.

3. We respectfully request Mr. Bergsten’s signatures on permit application forms for reports documenting construction of an expansion of the gas collection system, 10 acres of final cover, and Cell 6. The submittals will be subject to review and approval in advance by Foth.

4. 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  
April 2015

## Tonnage: General Refuse

<table>
<thead>
<tr>
<th></th>
<th>Current Month</th>
<th>Landfill #2 Year to Date</th>
<th>Landfill #2 Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haulers</td>
<td>15,527.05</td>
<td>55,176.46</td>
<td>60,425.06</td>
</tr>
<tr>
<td>County Res. Free Loads</td>
<td>141.00</td>
<td>493.43</td>
<td>563.60</td>
</tr>
<tr>
<td>County Res. $5 Loads</td>
<td>1.53</td>
<td>4.60</td>
<td>8.14</td>
</tr>
<tr>
<td>Roadside</td>
<td>2.36</td>
<td>8.87</td>
<td>4.40</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>15,671.94</td>
<td>55,683.36</td>
<td>61,001.20</td>
</tr>
</tbody>
</table>

## Tonnage: Special Wastes

<table>
<thead>
<tr>
<th></th>
<th>Current Year to Date</th>
<th>Landfill #2 Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial (Declassified)</td>
<td>2,144.02</td>
<td>2,821.61</td>
</tr>
<tr>
<td>Industrial (Exempt)</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2,144.02</td>
<td>2,821.61</td>
</tr>
</tbody>
</table>

## TOTAL LANDFILL RECEIPTS

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>17,815.96</td>
<td>58,504.97</td>
</tr>
</tbody>
</table>

## Yard Waste Receipts

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Contract</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>All Other</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

## Payments: Payable to City/County Committee

<table>
<thead>
<tr>
<th></th>
<th>Current Month</th>
<th>Landfill #2 Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Refuse</td>
<td>Tons 15,527.05</td>
<td>Rate $2.26</td>
</tr>
<tr>
<td></td>
<td>$35,091.13</td>
<td>$124,698.80</td>
</tr>
<tr>
<td>Special Waste - Ind.</td>
<td>Tons 2,144.02</td>
<td>Rate $2.26</td>
</tr>
<tr>
<td></td>
<td>$4,845.49</td>
<td>$6,376.84</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$39,936.62</td>
<td>$131,075.64</td>
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## Payable to County

<table>
<thead>
<tr>
<th></th>
<th>Current Month</th>
<th>Landfill #2 Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Refuse</td>
<td>Tons 15,527.05</td>
<td>Rate $1.27</td>
</tr>
<tr>
<td></td>
<td>$19,719.35</td>
<td>$70,074.10</td>
</tr>
<tr>
<td>Special Waste - Ind.</td>
<td>Tons 2,144.02</td>
<td>Rate $1.27</td>
</tr>
<tr>
<td></td>
<td>$2,722.91</td>
<td>$3,583.44</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$22,442.26</td>
<td>$73,657.55</td>
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</tbody>
</table>

## Payable to/Receivable From County

<table>
<thead>
<tr>
<th></th>
<th>Current Year to Date</th>
<th>Landfill #2 Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5 Loads</td>
<td>Loads 13.00</td>
<td>Rate $5.00</td>
</tr>
<tr>
<td></td>
<td>$65.00</td>
<td>$160.00</td>
</tr>
<tr>
<td>Less:</td>
<td>State Fee on Free and $5 Loads</td>
<td>Tons 142.53</td>
</tr>
<tr>
<td></td>
<td>($316.42)</td>
<td>($945.63)</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>($251.42)</td>
<td>($1,105.63)</td>
</tr>
</tbody>
</table>

## Tonnage: General Refuse & Special Waste

<table>
<thead>
<tr>
<th></th>
<th>In county</th>
<th>Out of county</th>
<th>Mixed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tons</strong></td>
<td>10,428.4</td>
<td>7,387.56</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>%</strong></td>
<td>58.53%</td>
<td>41.47%</td>
<td>0.00%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>17,815.96</td>
<td>100.00%</td>
<td>58,504.97</td>
</tr>
</tbody>
</table>