DATES SET:

WEDNESDAY, March 18, 2020 @ 3:00 p.m.  
REGULAR COMMITTEE MEETING – To be held at City Hall 419 Fulton Street - Room 404, Peoria Illinois 61602.

WEDNESDAY, April 15, 2020 @ 3:00 p.m.  
REGULAR COMMITTEE MEETING – To be held at City Hall 419 Fulton Street - Room 404, Peoria Illinois 61602.

WEDNESDAY, May 20, 2020 @ 3:00 p.m.  
REGULAR COMMITTEE MEETING – To be held at City Hall 419 Fulton Street - Room 404, Peoria Illinois 61602.

WEDNESDAY, June 17, 2020 @ 3:00 p.m.  
REGULAR COMMITTEE MEETING – To be held at City Hall 419 Fulton Street - Room 404, Peoria Illinois 61602.

*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 3:00 P.M. at City Hall, 419 Fulton Street - Room 404, 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
Regular Meeting

CITY HALL – 419 FULTON STREET - ROOM 404

FEBRUARY 19, 2020 @ 3:00 P.M.

ATTENDANCE

ANNOUNCEMENTS, ETC.

CITIZENS’ OPPORTUNITY TO ADDRESS THE COMMITTEE

MINUTES

REQUEST FOR APPROVAL OF THE PEORIA CITY/COUNTY LANDFILL MINUTES
Dated: January 15, 2020

AGENDA ITEMS

ITEM NO. 1 REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT, LLC
A. SPECIAL WASTE APPROVALS AS NEEDED
B. PERMIT APPROVALS AS NEEDED
C. UPDATE REGARDING THE SEMI-ANNUAL GATE AUDIT
D. UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES & PROGRESS

ITEM NO. 2 REPORT FROM PUBLIC WORKS ADMINISTRATION
A. LANDFILL MONTHLY BUDGET REPORT

ITEM NO. 3 REPORT FROM WASTE MANAGEMENT
A. MONTHLY ACTIVITY REPORT
B. PERMIT APPROVALS AS NEEDED

ITEM NO. 4 REPORT FROM PEORIA DISPOSAL CO.
A. UPDATE ON REQUEST FOR PROPOSALS (RFP) FROM PDC TECHNICAL SERVICES FOR THE CONCEPTUAL LAKE REHABILITATION PROJECT

UNFINISHED BUSINESS

ITEM NO. 2 - 2019 UPDATE ON CONSTRUCTION ACTIVITIES FOR LANDFILL NO. 1

NEW BUSINESS

REGULAR MEETING
MARCH 18, 2020 AT 3:00 P.M.

EXECUTIVE SESSION

ADJOURNMENT
Peoria, Illinois January 15, 2020, a Regular Meeting of the Peoria City/County Landfill Committee was held this date at 3:00 p.m., at City Hall, (Room 404), 419 Fulton Street with Chairman Morris presiding, and with proper notice having been posted.

CALL TO ORDER

Call to Order showed the following Landfill Committee Members in attendance:

MEMBERS PRESENT: Chairman Morris, Les Bergsten, Rick Fox, Zach Oyler, Sharon Williams, Steve Van Winkle - 6.

MEMBERS ABSENT: Patrick Nichting - 1.

CITY/COUNTY STAFF PRESENT: Emily Ambroso, Karen Raithel and Stephanie Stapleton.

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

ANNOUNCEMENTS

NONE.

CITIZENS OPPORTUNITY TO ADDRESS THE COMMITTEE

Chairman Morris opened the floor to any citizens who wished to address the Landfill Committee members. No one came forward to address the Committee.

MINUTES

Mr. Van Winkle moved to approve the Minutes of the Regular Meeting of the Peoria City/County Landfill Committee held on October 16, 2019, as printed; seconded by Mr. Bergsten.

The minutes were approved by viva voce vote.

Mr. Van Winkle moved to approve the Special Meeting Minutes of the Special Meeting of the Peoria City/County Landfill Committee held on December 4, 2019; seconded by Mr. Bergsten.

Ms. Raithel noted that she did not attend the December 4, 2019, Special Meeting.

Chairman Morris stated that the Minutes would be noted to reflect the correction.
The motion to approve the Special Meeting Minutes of the Special Meeting of the Peoria City/County Landfill Committee held on December 4, 2019, was approved, as amended, by viva voce vote.

AGENDA ITEMS

ITEM NO. 1: REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT

(A) SPECIAL WASTE APPROVALS AS NEEDED

Mr. Gabehart stated that there were six (6) pre-approved waste profiles:  (624756IL, 624972IL, 624973IL, 624974IL, 624981IL and 625003IL). He stated that Foth had no technical objections.

1. Profile 624756IL from Illinois Civil Contractors, Inc. for Treated Wood - Weathered
2. Profile 624972IL from East Peoria Community High School for Asbestos Containing Material
3. Profile 624973IL from Lance Camp for Asbestos Containing Material
4. Profile 624974IL from Knox County Nursing Home for Asbestos Containing Material
5. Profile 624981IL from Northbridge Investment Management for Asbestos Containing Material
6. Profile 625003IL from OSF Ministry HQ for Sandblast Grit

No action required.

(B) SPECIAL WASTE APPROVALS AS NEEDED

• PCC LF1 - 405 CAAPP Form for a Flare Shutdown that Exceeded the One Hour Duration
• PCC LF1 – Semi-Annual Pretreatment Report to Greater Peoria Sanitary District

Mr. Gabehart provided some background information that pertained to the 405 CAAP Form and the Semi-Annual Pretreatment Report. He explained that the flare shutdown exceeded the one-hour duration, which required a 405-CAAPP form to be submitted to the IEPA Division of Air. He noted that the shutdown occurred in between Christmas and New Year's Day. He said the flare was restarted and returned to normal operation.

Further, Mr. Gabehart noted that the semi-annual Pretreatment report to the Greater Peoria Sanitary District was a required as part of the permit to discharge leachate at the Darst Street Facility. He said the report included flow and analytical results for parameters as required by the permit for the time period of June 2019 through December 2019. He said the semi-annual pretreatment report was due by January 20, 2020.

While he did not anticipate any other reports that would require Chairman Morris' and Director Powers' signature, Mr. Gabehart respectfully requested approval to obtain their signatures should the need arise prior to the next Committee Meeting.

Mr. Bergsten moved to approve securing Chairman Morris' signature for the 405-CAAPP reporting forms and the Semi-Annual Pretreatment Report to the Greater Peoria Sanitary District including permits prior to the next scheduled meeting; seconded by Mr. Van Winkle.
The motion was approved by viva voce vote.

(C) UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES & PROGRESS

Financial Information

Mr. Gabehart outlined the engineering services through December 31, 2019. He stated that the total amount billed to-date was $163,467.71, which reflected about 48% of the approved budget. Currently, he said Foth was under budget; however, he said the month of January would have several regulatory submittals.

Updates Regarding Compliance Activities, and Progress

Mr. Gabehart gave a brief update regarding the compliance activities, measures and progress for the Landfill.

- A shutdown occurred between Christmas and New Year’s Day. The flare restarted and has been operating without incident since. The duration will be known when data is downloaded and processed from the unit. As requested in the signature approval memo, since this shutdown lasted longer than an hour a 405-CAAPP form is required to be submitted
- Landfill gas methane content was measured at 48% during the monthly monitoring at the flare. An increase from last month’s reading but expected and typical measurement during the winter months.
- Wellhead repairs were completed and repairs will continue as they arise. Some typical repairs include replacing flex hose connections, sample ports, valve operation and sealing for air leaks.
- In November/December, 9,800 gallons of leachate were transported off-site for treatment.
- Solar sumps are running and minor repairs are made as needed and liquid removal is continuing.
- Monthly tonnages are attached and the recent approvals have increase October, November and December amounts. It is expected to continue slightly elevated from historical for a few more months, pending any additional event type waste streams.

Mr. Gabehart stated that the tonnage volumes had increased due to the recent changes made to the waste stream procedures by the Committee. He pointed out that the trend was the same; however, the normal residential and construction waste streams had slowed down.

No action required.

ITEM NO. 2: REPORT FROM PUBLIC WORKS ADMINISTRATION

A. REQUEST TO APPROVE THE BUDGET

Ms. Ambroso gave a brief overview of the year-end report for 2019. She briefly discussed the unaudited revenue and expense financial report for financial transactions that occurred in 2019. She explained that the FY2019 year-end revenue of $497,354 exceeded both FY2018 actual revenue ($454,456) and FY2019 budget revenue ($469,918). Similarly, she said the FY2019 year-end expenses of $426,505 lagged both FY2018 actual expense and FY2019 budget expense ($440,040 and $444,650, respectively).
Further, Ms. Ambroso explained that two outstanding consultant’s invoices that are in process contributed to the lag in reported expenses. Once these invoices are processed, the year-end expenditures would total approximately $469,750, resulting in a net gain of $27,629 for FY2019, she said.

Additionally, Ms. Ambroso stated the Cash Flow Statement dated December 31, 2019 showed an overstated cash balance due to the unpaid liabilities. The year-end cash balance for the PCC Landfill is $431,473.12. She added the FY2019 budget was expected to end in the positive by about $27,000.

No action required.

ITEM NO. 3:  REPORT FROM WASTE MANAGEMENT

A. MONTHLY ACTIVITY REPORT

Mr. Rogers gave a brief overview of the monthly activity report for November and December 2019. He said that all weekly random load checks were completed and documented, with no issues to report.

B. PERMIT APPROVALS AS NEEDED

Mr. Rogers stated that he did not anticipate any other reports that would require Chairman Morris’ signature, but that he respectfully requested approval to obtain Chairman Morris’ signature, should the need arise prior to the next Committee, subject to review and approval in advance by Foth.

Mr. Fox moved to approve Waste Management’s report and securing Chairman Morris’ signature for permits, subject to review and approval in advance by Foth; seconded by Mr. Van Winkle.

*The motion was approved by viva voce vote.*

ITEM NO. 4   REPORT FROM PEORIA DISPOSAL CO.

A. UPDATE REGARDING THE CONCEPTUAL LAKE REHABILITATION AND WETLAND ENHANCEMENT ACTION PLAN

Mr. Coulter informed the Committee that PDC Technical Services, Inc. (PDCTS) planned to release a “Request for Proposals” (RFP) sometime during the week of January 13th. The purpose of the RFP was to find a qualified environmental consultant who could assist with the Conceptual Lake Rehabilitation and Wetland Enhancement Project. He said the proposals would be due by the end of January. He indicated that PDCTS intended to select an environmental consultant by mid-February, and then planned to schedule a meeting with the Illinois Department of Natural Resources/Office of Water Resources sometime in March to discuss the Conceptual Lake Rehabilitation and Wetland Enhancement Project.

Further, Mr. Coulter said a pre-bid meeting would be held on Thursday, January 23rd at 10:00 a.m. and an on-site tour would take place around 11:30 a.m. He said the goal was to have someone on board by the end of February.

No action required.
UNFINISHED BUSINESS

**Item No. 1 – 2019 Update on Potential Land Use**

Mr. Gabehart stated that he had made several attempts to reach out to the property owner to discuss pricing, but did not receive any feedback from the property owner. He said he felt that the property owner wasn’t certain what they’d like to do at this time. Therefore, he requested that the item be removed from the agenda until they are notified by the property owner.

The Committee concurred.

Chairman Morris explained that someone called the County to see if the Committee would be interested in selling some of the property along Murphy Road.

In discussion with Chairman Morris, Mr. Gabehart stated that he never received a phone call from the individual that was interested in purchasing the 80 acres along Murphy Road.

In discussion with Chairman Morris regarding issues surrounding the culvert, Mr. Gabehart stated that he had met with representatives from Peoria County Highway Department in November. He said County mowed the right-of-way so that this area was visible. He said that this area is on their list to repair sometime this year. He said that they would continue to keep the property owner informed as they move forward.

**Item No. 2 – 2019 Update on Construction Activities for Landfill No. 1**

Mr. Gabehart stated there was no update, at this time. He said that he would continue to work with Ms. Ambroso on the project.

NEW BUSINESS

NONE.

NEXT MEETING

The next scheduled meeting will be held on **February 19, 2020** at 3:00 p.m.

EXECUTIVE SESSION

It was determined that an Executive Session would not be needed at this time.

ADJOURNMENT

There being no further discussion, the Chairman declared the meeting adjourned. The meeting adjourned at 3:21 p.m.

________________________________________
Chairman Stephen Morris

/ss
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Joshua Gabehart, P.E. and Mark Williams; Foth Infrastructure and Environment, LLC

AGENDA DATE REQUESTED: February 19, 2020

ACTION REQUESTED: Committee approval required for two non-special waste profiles (625152IL and 625161IL) receive and file one pre-approved waste profile (625128IL).

BACKGROUND:
1. Profile 625152IL from Corbion Biotech for unused/off-spec products
2. Profile 625161IL from Corbion Biotech for unused/off-spec products
3. Profile 625128IL from CSX Transportation, pre-approved per the contaminated soil and debris policy.

Please see attached memorandum, which reviews and includes information pertaining to these profiles. Based on the information provided, Foth has no technical objections for acceptance of the waste stream listed above.

FINANCIAL IMPACT: N/A
February 19, 2020

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

CC: Emily Ambroso, City of Peoria
    Scott Sorrel, Peoria County

FR: Mark Williams, Foth Infrastructure & Environment, LLC

RE: Certified Non-Special and Special Waste Permit Approvals

Waste Management has presented the following waste stream.

1)

<table>
<thead>
<tr>
<th>Generator/Profile</th>
<th>Waste Stream Info</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corbion Biotech</td>
<td>Unused/Off-spec products</td>
</tr>
<tr>
<td>910 NE Adams St</td>
<td></td>
</tr>
<tr>
<td>Peoria, IL 61603</td>
<td></td>
</tr>
<tr>
<td>Application</td>
<td></td>
</tr>
<tr>
<td>Dated: 01/30/2020</td>
<td>Manganese Sulfate Monohydrate (product has not been used)</td>
</tr>
<tr>
<td>Received: 01/30/2020</td>
<td></td>
</tr>
<tr>
<td>Source: Peoria County</td>
<td>Expected</td>
</tr>
<tr>
<td>Type: Non-Special</td>
<td>Quantity: 385 pounds</td>
</tr>
<tr>
<td>Profile #625152IL</td>
<td>Frequency: One-time</td>
</tr>
<tr>
<td>Subject to County Fee:</td>
<td>Estimated Host Fee Revenue:</td>
</tr>
<tr>
<td>Yes</td>
<td>&lt; $10.00</td>
</tr>
<tr>
<td>Last Tested:</td>
<td></td>
</tr>
</tbody>
</table>

Comments: This waste stream is seven 55-pound bags of an unused/off-spec product. The product, manganese sulfate monohydrate, was not used by Corbion but is used in the manufacture of manganese based compounds such as fungicides, leather tanning, printing, cleaning products and fertilizer. There were no technical objections to the landfill receiving this waste based on information provided to Foth Infrastructure & Environment, LLC (Foth).
2)

<table>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Application</td>
<td>Sodium Phosphate Dibasic (product has not been used)</td>
</tr>
<tr>
<td>Dated: 01/30/2020</td>
<td></td>
</tr>
<tr>
<td>Received: 01/30/2020</td>
<td></td>
</tr>
<tr>
<td>Source: Peoria County</td>
<td></td>
</tr>
<tr>
<td>Type: Non-Special</td>
<td>Expected</td>
</tr>
<tr>
<td>Profile #625161IL</td>
<td>Quantity: 440 pounds</td>
</tr>
<tr>
<td></td>
<td>Frequency: one time</td>
</tr>
<tr>
<td>Subject to County Fee: Yes</td>
<td>Estimated Host Fee Revenue:</td>
</tr>
<tr>
<td>Last Tested:</td>
<td>&lt;$10.00</td>
</tr>
</tbody>
</table>

Comments: This waste stream is four, 110-pound drums of an unused/off-spec product. The product sodium phosphate dibasic is used as a food additive and was unused by Corbion Biotech. There are no technical objections to the landfill receiving this waste based on information provided to Foth.

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

- CSX, Ottawa, IL, Profile 625128IL
  - Contaminated Soil and Debris Policy
  - Three, 55-gallon drums, one time
  - Estimated Host Fee – <$10

See attached profile sheets and laboratory analytical data reports.

Committee approval does not relieve the Generator or Landfill Operator from complying with all applicable laws and regulations. Committee approval is based on information provided by Generator and Landfill Operator.
Attachments for the non-special waste profiles are located at the end of the Agenda packet.

Pages 29-62
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Mark Williams and Joshua C. Gabehart, P.E., Foth Infrastructure and Environment, LLC

AGENDA DATE REQUESTED: February 19, 2020

ACTION REQUESTED: Approval for Chairman Morris’ Signature

- PCC LF1 – Alternate Source Investigation for the Dissolved Chloride Concentration at Groundwater Monitoring Well G02S
- 405-CAAPP Form for a Flare Shutdown that Exceeded the One Hour Duration.

BACKGROUND: An alternate source investigation was submitted for two dissolved chloride concentrations over permit specific AGQS/MAPC values that occurred at upgradient groundwater monitoring well G02S. The investigation will either determine if no further action is required or if additional sampling would be required to determine the source. At this time, Foth does not believe the confirmed chloride detection above AGQS/MAPC is landfill related.

A flare shutdown on January 18, 2020 exceeding the one hour duration occurred due to weather. The shutdown lasted for 7 hours and 47 minutes. The flare system operated as designed and there were no releases of landfill gas to the atmosphere.

Foth does not expect other reports requiring Chairman Morris or Director Powers’ signatures. However, we respectfully request approval to obtain Chairman Morris’ signature should the need arise prior to the next Committee Meeting. If the need does arise, a report will be brought before the board at the next scheduled meeting.

FINANCIAL IMPACT: These submittals are included as part of Foth’s professional consulting services contract with the Peoria City/County Landfill Committee.
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Mark Williams and Joshua Gabehart, P.E., Foth Infrastructure and Environment, LLC

AGENDA DATE REQUESTED: February 19, 2020

ACTION REQUESTED: Receive and File Semi-Annual Gate Audit

BACKGROUND: A semi-annual gate audit is conducted by Foth at the landfill scale house to verify the Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill are being followed.

The attached memo and form summarizes the January 29, 2020 audit.
February 19, 2020

TO: Peoria City/County Landfill Committee

CC: Mike Wiersema, Waste Management
    Brian Rogers, Waste Management

FR: Mark Williams, Foth Infrastructure & Environment, LLC (Foth)
    Josh Gabehart, Foth

RE: January 2020 Gate Audit

A gate audit was conducted on January 29, 2020 at Peoria City/County Landfill No. 2 by Foth Infrastructure & Environment, LLC (Foth) to verify required procedures were being adhered to according to “Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill No.2” (rev Oct 2019). The most recent version the procedures was filed at the scale house.

Foth observed procedures for receiving and rejecting special and certified non-special waste streams were being followed. Incoming special and certified non-special waste loads were assigned a unique profile number and approved prior to acceptance. The scale house attendant performed visual inspections of all loads and questioned customers as to the makeup of atypical loads with an emphasis on prohibited items.

Random load checks are being completed as required by Part II. Section 22. of the permit. The random load checks are completed at the active site by trained Waste Management (WM) staff. Records of these inspections are up to date and located in the scale house. Appropriate WM staff have completed training in the identification of potential regulated hazardous waste, including types of containers and labeling. WM staff also participate in regular safety briefings and those safety and training records are maintained at the scale house.

No issues or inconsistencies by WM staff were observed by Foth at the time of the gate audit. The scale house attendant was very helpful in assisting Foth during this audit.

The gate control inspection record is attached and signed by WM scale house staff and Mark Williams.
GATE CONTROL INSPECTION RECORD
PEORIA CITY/COUNTY LANDFILL

Inspection Date: 1/29/20  Time: 09:30

Gate Personnel:
Name: Jo Rita Wright  Sig: [Signature]
Name: Lisa Blend  Sig: [Signature]
Name: [ ]  Sig: [ ]

Inspectors:
Name: Mark Williams  Sig: [Signature]
Name: [ ]  Sig: [ ]

Notes:
No issues were noted during the audit. Truck drivers & private citizens were treated professionally & courteously by scale house personnel.

DIRECTIONS:
1) After the inspection is completed, review the inspection results with the gate personnel, and ask each person to sign after his/her name.
2) A copy of the inspection results should be given to the Landfill Director; its original should be filed in the Landfill Operator's office, and an additional copy provided to the Landfill Committee.
3) Suggested inspection timings are semi-annual: February and August.
4) Inspections should be arranged by the Consultant.

A. RECORD KEEPING

I. Complete the (Non-Hazardous) Special and Non-Special Waste Receipts Log

II. Complete/Individual Waste Log
Up-to-date Entry: ☑ or ☐
All Items Entered: ☑ or ☐
III. Rejection Notice File

Rejected load form available to be issued as necessary: ☐ or N

Rejection notice is properly issued to:
- IEPA: ☐ or N
- Generator: ☐ or N
- IEPA: ☐ or N

Rejected load form available to be issued as necessary: ☐ or N

Ask attendant, "What happens if a load or item comes in that should have been profiled and was not?" and record response below:

Move the load to the side & call the Waste Management office to locate the paperwork. If no paperwork can be found the load will be turned away. Have not rejected a load in over ten years.

* Applies to Manifested loads only

IV. Current Procedures on File

Gate control procedures: ☐ or N

Rejection procedure: ☐ or N

Training documentation: ☐ or N

Notes:
Jori has completed Waste Management's training for Scale house personnel. A copy of the training needs to be placed in the file at the Scale house. An updated copy of the "Procedures for General Refuse & Special Waste Received at the City of Peoria/County of Peoria Landfill No. 2" was left in the Scalehouse.
### B. SAFETY & HEALTH-PROTECTION EQUIPMENT ON-HAND

<table>
<thead>
<tr>
<th>Item</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Housekeeping, office:</td>
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</tr>
<tr>
<td>Housekeeping, platform:</td>
<td>Y</td>
</tr>
<tr>
<td>Tyvex cover-all:</td>
<td>Y</td>
</tr>
<tr>
<td>Plastic protective clothing:</td>
<td>Y</td>
</tr>
<tr>
<td>Face shield:</td>
<td>Y</td>
</tr>
<tr>
<td>Rubber gloves:</td>
<td>Y</td>
</tr>
<tr>
<td>Rubber boots:</td>
<td>Y</td>
</tr>
<tr>
<td>First aid kit:</td>
<td>Y</td>
</tr>
<tr>
<td>Fire extinguisher:</td>
<td>Y</td>
</tr>
<tr>
<td>Eye washer:</td>
<td>Y</td>
</tr>
</tbody>
</table>

Notes:

Some of the item's are located at the maintenance building and can be brought to the scale house if needed.
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Mark Williams and Joshua Gabehart, P.E., Foth Infrastructure and Environment, LLC

AGENDA DATE REQUESTED: February 19, 2020

ACTION REQUESTED: Receive and File Monthly Report

BACKGROUND: The following report details engineering items occurring since the last scheduled Committee Meeting.

Financial Information

The attached spreadsheet shows Foth engineering services provided through January 31, 2019. The total amount billed to date is $205,338.78. We are currently under planned budget as we end our major regulatory submittal month of January.

Updates Regarding Compliance Activities, Measures, and Progress

- A shutdown due to a winter storm occurred overnight on January 18th and lasted for 7 hours and 47 minutes. The flare restarted and has been operating without incident since. As requested in the signature approval memo, since this shutdown lasted longer than an hour a 405-CAAPP form is required to be submitted.
- Landfill gas methane content was measured at 49% during the monthly monitoring at the flare. An increase from last month’s reading but expected and typical measurement during the winter months.
- Wellhead repairs were completed and repairs will continue as they arise and are accessible. Some typical repairs include replacing flex hose connections, sample ports, valve operation and sealing for air leaks.
- In January, 10,000 gallons of leachate was transported off-site for treatment.
- Solar sumps are running and minor repairs are made as needed and liquid removal is continuing.
- Recently, City staff ordered a replacement pump for the north south sump and will be billed directly to the landfill committee. Foth will install the new pump when it is estimated to arrives in two to three weeks. A temporary, lower capacity pump has been in place until the new pump was able to be ordered.
- Monthly tonnages are attached and the elevated monthly totals continue from Fall of 2019. January is slightly higher in profiled and residential waste from January 2019.

FINANCIAL IMPACT: Currently, the new contract for services total spend to date is 60.8% of the July 1, 2019 through June 30, 2020 contract whereas the planned budget spend is projected at 61.4% complete. The attached monthly engineering services spreadsheet shows budgeted vs actual spends to date.
<table>
<thead>
<tr>
<th>Description</th>
<th>Total Budget Estimate</th>
<th>Current Budget Estimate</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 1: General Compliance and Guidance</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
<tr>
<td>Phase 2: Groundwater Support and Data Review</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
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<td>Phase 3: Gas System and Leachate Management</td>
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<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
<tr>
<td>Phase 4: Landfill No. 1 Construction Engineering</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
<tr>
<td>Phase 5: Landfill No. 2 and No. 3 Expansion/Tra</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
<tr>
<td>Phase 6: Offsite Liquids Disposal</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
<tr>
<td>Phase 7: Leachate Extraction Improvements</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
</tr>
<tr>
<td>Phase 8: Unplanned GCCS Repairs/Emergency</td>
<td>$337,750</td>
<td>$337,750</td>
<td>$53,604</td>
<td>$48,855.74</td>
<td>$23,276</td>
<td>$25,634</td>
<td>$21,907</td>
<td>$33,218</td>
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<td>8.3%</td>
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<td>43.8%</td>
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<tr>
<td>% Planned Budget Spent</td>
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<td>29.2%</td>
<td>36.1%</td>
<td>42.3%</td>
<td>49.2%</td>
<td>56.3%</td>
<td>63.6%</td>
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</table>

Operational Notes:
- July: Includes design engineering, routine operations, and LF3 contract summary review. Contract summary on hold until 2020. Gas system and leachate management operations expenses up for July due to transducer replacement and installation cost. Remaining months have been prorated down to reflect budget.
- August: Includes costs for semi annual Clean Air Act permit submittals (phase 1), routine gas and leachate operations costs and liquid disposal costs.
- September: Efforts included for new preapproved waste streams and additional gas system work.
- October: Routine efforts during the month of October, winterization.
- November: Routine/reduced due to weather and needs of landfill.
- December: Routine/reduced efforts due to weather and needs of landfill.

January: Air permit submittals compiled and submitted to IEPA, routine monitoring. Began work on annual corrective action update due in February. Additional time in gas system operations for restoring flow to inundated section of the landfill. Vacuum restored to well header.
### Description of Phases and Operations

1. **General Compliance and Guidance**
2. **Groundwater Support and Data Review**
3. **Gas System and Leachate Management Operations**
4. **Landfill No. 1 Construction Engineering**
5. **Landfill No. 2 and No. 3 Expansion/Transition**
6. **Offsite Liquids Disposal**
7. **Leachate Extraction Improvements**
8. **Unplanned GCCS Repairs/Emergencies**

### Operational Notes:
- **August:** Includes costs for semiannual Clean Air Act permit submittals (phase 1), routine gas and leachate operations costs and liquid disposal costs.
- **September:** Efforts included for new preapproved waste streams and additional gas system work.
- **October:** Routine efforts during the month of October, winterization
- **November:** Routine/reduced due to weather and needs of landfill
- **December:** Routine/reduced efforts due to weather and needs of landfill, data collection and processing for annual reports started.
- **January:** Air permit submittals compiled and submitted to IEPA, routine monitoring. Began work on annual corrective action update due in February. Additional time in gas system operations for restoring flow to inundated section of the landfill. Vacuum restored to well header.

### Financial Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>YTD Total</th>
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<td>$9,813</td>
<td>$8,088</td>
<td>$6,573</td>
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<table>
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<tr>
<th>Description</th>
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<tbody>
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<td><strong>% Planned Budget Spent</strong></td>
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## YTD TOTAL

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<tbody>
<tr>
<td><strong>% Contract Months Complete</strong></td>
<td>58.2%</td>
<td>60.7%</td>
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<td>60.8%</td>
<td>60.8%</td>
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**JCTC and Peoria Landfill Committee**

- **Joint City and County of Peoria Landfill Committee**
- **Description**
  - **Phase 1:** General Compliance and Guidance
  - **Phase 2:** Groundwater Support and Data Review
  - **Phase 3:** Gas System and Leachate Management Operations
  - **Phase 4:** Landfill No. 1 Construction Engineering
  - **Phase 5:** Landfill No. 2 and No. 3 Expansion/Transition
  - **Phase 6:** Offsite Liquids Disposal
  - **Phase 7:** Leachate Extraction Improvements
  - **Phase 8:** Unplanned GCCS Repairs/Emergencies

---

**Operational Notes:**

- **July:** Includes design engineering, routine operations, and LFS contract summary review. Contract summary on hold until 2020. Gas system and leachate management operations expenses up for July due to transducer replacement and installation cost.

- **Remaining months have been prorated down to reflect August:** Includes costs for semiannual Clean Air Act permit submittals (phase 1), routine gas and leachate operations costs and liquid disposal costs.

- **September:** Efforts included for new preapproved waste streams and additional gas system work.

- **October:** Routine efforts during the month of October, winterization

- **November:** Routine/reduced due to weather and needs of landfill

- **December:** Routine/reduced efforts due to weather and needs of landfill, data collection and processing for annual reports started.

- **January:** Air permit submittals compiled and submitted to IEPA, routine monitoring. Began work on annual corrective action update due in February. Additional time in gas system operations for restoring flow to inundated section of the landfill. Vacuum restored to well header.
<table>
<thead>
<tr>
<th>Month</th>
<th>2014 tonnage</th>
<th>2015 tonnage</th>
<th>2016 Tonnage</th>
<th>2017 Tonnage</th>
<th>2018 Tonnage</th>
<th>2019 Tonnage</th>
<th>2020 tonnage</th>
<th>5 Yr. Average by Month</th>
<th>3 Yr. Average by Month</th>
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</thead>
<tbody>
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<td>January</td>
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<td>12,199.76</td>
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<td>11,134.61</td>
<td>14,992.00</td>
<td>11,959.48</td>
<td>12,244.04</td>
<td>9,746.12</td>
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<tr>
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<td>18,420.2</td>
<td>17,355.5</td>
<td>16,457.2</td>
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<td>16,116.44</td>
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<td>17,894.7</td>
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<tr>
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<td>12,208.30</td>
<td>14,534.79</td>
<td>14,021.9</td>
<td>12,713.6</td>
<td>12,713.6</td>
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</table>

Total          | 214,571.32  | 208,087.61  | 191,403.56  | 199,603.35  | 177,239.90  | 179,623.49  | 13,168.18   | 194,861.06         | 182,772.17         |

General MSW   | 198,971.42  | 191,767.47  | 182,787.68  | 187,239.69  | 173,804.02  | 161,919.10  | 10,975.05   | 156,572.25         | 156,929.25         |

Profiled Waste Tons | 15,599.90  | 16,320.14  | 8,615.88  | 12,363.66  | 3,435.88  | 17,704.39  | 2,193.13   | 20,298.81         | 19,842.92         |
Waste Received by Month

- Waste Received (Tons)
- Month

<table>
<thead>
<tr>
<th>Month</th>
<th>2018 Tonnage</th>
<th>2019 Tonnage</th>
<th>2020 Tonnage</th>
<th>3 Yr. Average by Month</th>
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</thead>
<tbody>
<tr>
<td>January</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>February</td>
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<tr>
<td>March</td>
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<td>April</td>
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<td>May</td>
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<td>August</td>
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<td>September</td>
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<tr>
<td>October</td>
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</tr>
<tr>
<td>November</td>
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<tr>
<td>December</td>
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</tbody>
</table>
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Emily Ambroso, City Staff Representative
Rick Powers, Public Works Director

AGENDA DATE REQUESTED: February 19, 2020

ACTION REQUESTED: RECEIVE AND FILE MONTHLY FINANCIAL REPORT

BACKGROUND: Attached is the unaudited revenue and expense financial report for financial transactions occurring in January 2020 reported on an accrual basis. The report includes columns that show the prior year’s actual financial performance (cash basis) and the projected monthly budget for easy comparison to the monthly actual.

The monthly Cash Flow Statement provided by the City’s Finance Department is also attached. The Cash Flow Statement reconciles the bank cash balance to the reported financial report receipt inflows and payable outflows. The balance at the end of January 31, 2020 is $410,043.08.


### LANDFILL FUND MONTHLY REVENUE & EXPENSE

**Wednesday, February 19, 2020**

#### JANUARY FEBRUARY MARCH APRIL FY2019 FY2020 FY2020

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<td>$31,662.50</td>
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<td>Other Revenue (Non-Sewer Revenues)</td>
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#### EXPENSES

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<td>General Guidance &amp; Compliance (Clerk Atty Permit Pay)</td>
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<td>LF #2 to LF #3 Transition Activities</td>
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<td>Liquids &amp; Gas Replacement Materials</td>
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<td>Offsite Liquids Disposal</td>
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<td>Contract/Capital Improvements</td>
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<td>Leachate Extraction Improvements</td>
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<td>Committee’s Operational Expenses</td>
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<td>Groundwater Assessments/Contingency</td>
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<td>GCCS Contingency</td>
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<td>Unplanned Services and Repairs</td>
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<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td>$29,512.50</td>
<td>$41,871.07</td>
<td>$28,360.65</td>
<td>$29,512.50</td>
<td>$41,871.07</td>
<td>$28,360.65</td>
</tr>
</tbody>
</table>

#### Excess Revenues over Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>2019 Actual</th>
<th>2020 Budget</th>
<th>2020 Actual</th>
<th>2019 Actual</th>
<th>2020 Budget</th>
<th>2020 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL EXCESS</strong></td>
<td>$31,264.01</td>
<td>$37,184.17</td>
<td>$34,186.17</td>
<td>$31,264.01</td>
<td>$37,184.17</td>
<td>$34,186.17</td>
</tr>
</tbody>
</table>

#### LANDFILL FUND MONTHLY REVENUE & EXPENSE

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Host Fees ($2.49/Ton) (^{(1)})</td>
<td>$29,300.77</td>
<td>$31,662.50</td>
<td>$33,161.53</td>
<td>$29,300.77</td>
<td>$31,662.50</td>
<td>$33,161.53</td>
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<tr>
<td>Leases</td>
<td>$1,662.24</td>
<td>$1,761.67</td>
<td>$1,861.21</td>
<td>$1,662.24</td>
<td>$1,761.67</td>
<td>$1,861.21</td>
</tr>
<tr>
<td>Interest Earned</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>On Cash Balance</td>
<td>$330.00</td>
<td>$711.69</td>
<td>$330.00</td>
<td>$330.00</td>
<td>$330.00</td>
<td>$330.00</td>
</tr>
<tr>
<td>On Illinois Funds</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Other Revenue (Non-Sewer Revenues)</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td><strong>TOTAL REVENUES</strong></td>
<td>$31,264.01</td>
<td>$37,184.17</td>
<td>$34,186.17</td>
<td>$31,264.01</td>
<td>$37,184.17</td>
<td>$34,186.17</td>
</tr>
</tbody>
</table>

#### EXPENSES

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Reimbursements</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>City Personnel</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>City Audit</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Consultant Guidance and Operational Costs</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>General Guidance &amp; Compliance (Clerk Atty Permit Pay)</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Groundwater Support/Reporting</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>LPCF Gas System &amp; Leach Management Ops</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
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<tr>
<td>LPCF Construction Engineering</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>LF #2 to LF #3 Transition Activities</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Liquids &amp; Gas Replacement Materials</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Offsite Liquids Disposal</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Contract/Capital Improvements</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Post Closure Care</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Leachate Extraction Improvements</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>GCCS Improvement Projects</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Committee’s Operational Expenses</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Off-Site Liquids Disposal (truck &amp; leachate treatment (ML/MP)):</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Telephone</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Electricity</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Unplanned/Contingency</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Groundwater Assessments/Contingency</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>GCCS Contingency</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Unplanned Services and Repairs</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td>Capital Fund Allocation</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td>$29,512.50</td>
<td>$41,871.07</td>
<td>$28,360.65</td>
<td>$29,512.50</td>
<td>$41,871.07</td>
<td>$28,360.65</td>
</tr>
</tbody>
</table>

#### Excess Revenues over Expenses

<table>
<thead>
<tr>
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<th>2019 Actual</th>
<th>2020 Budget</th>
<th>2020 Actual</th>
<th>2019 Actual</th>
<th>2020 Budget</th>
<th>2020 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTAL EXCESS</strong></td>
<td>$31,264.01</td>
<td>$37,184.17</td>
<td>$34,186.17</td>
<td>$31,264.01</td>
<td>$37,184.17</td>
<td>$34,186.17</td>
</tr>
</tbody>
</table>

---

\(^{(1)}\) 2019 Budget based on approx. 180,000 tons host fees of $2.49/ton.
### Peoria City/County Landfill

**Cash Flow Statement - Cash Basis**

**January 31, 2020**

<table>
<thead>
<tr>
<th>Description</th>
<th>Date</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beginning Balance January 1, 2020</strong></td>
<td></td>
<td></td>
<td>$ 431,473.12</td>
</tr>
<tr>
<td><strong>Plus Deposits:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/3/2020</td>
<td>SBA Towers LLC</td>
<td>$ 1,001.25</td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/8/2020</td>
<td>Waste Management - Host Fee</td>
<td>$ 35,649.60</td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/8/2020</td>
<td>Call One</td>
<td>$ 41.55</td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/31/2020</td>
<td>January Interest</td>
<td>$ 713.69</td>
</tr>
<tr>
<td><strong>Total Plus Deposits:</strong></td>
<td></td>
<td></td>
<td>$ 37,406.09</td>
</tr>
<tr>
<td><strong>Less Electronic Debits &amp; A/P Checks:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/31/2020</td>
<td>Foth Infrastructure and Environmental</td>
<td>$ 25,633.59</td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/31/2020</td>
<td>Foth Infrastructure and Environmental</td>
<td>$ 17,586.88</td>
</tr>
<tr>
<td>Pooled Cash - Solid Waste</td>
<td>1/31/2020</td>
<td>Foth Infrastructure and Environmental</td>
<td>$ 15,615.66</td>
</tr>
<tr>
<td><strong>Total Less Electronic Debits &amp; A/P Checks:</strong></td>
<td></td>
<td></td>
<td>$ 58,836.13</td>
</tr>
<tr>
<td><strong>Ending Cash Balance January 31, 2020</strong></td>
<td></td>
<td></td>
<td>$ 410,043.08</td>
</tr>
</tbody>
</table>
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Mike Wiersema & Ian Johnson, Waste Management

AGENDA DATE REQUESTED: February 19, 2020

ACTION REQUESTED: Receive and File Monthly Reports

BACKGROUND: Attached are the monthly activity reports through January 2020.

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

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

FINANCIAL IMPACT: NA
<table>
<thead>
<tr>
<th>Tonnage:</th>
<th>General Refuse</th>
<th>Current Month</th>
<th>Landfill #2 2020</th>
<th>Landfill #2 Year to Date 2020</th>
<th>Landfill #2 2019</th>
<th>Landfill #2 Year to Date 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haulers</td>
<td>10,811.39</td>
<td>10,811.39</td>
<td>10,136.78</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>County Res. Free Loads</td>
<td>161.80</td>
<td>161.80</td>
<td>125.79</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>County Res. $5 Loads</td>
<td>0.64</td>
<td>0.64</td>
<td>0.11</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roadside</td>
<td>1.22</td>
<td>1.22</td>
<td>2.09</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>10,975.05</strong></td>
<td><strong>10,975.05</strong></td>
<td><strong>10,264.77</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Wastes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial (Declassified)</td>
<td>2,193.13</td>
<td>2,193.13</td>
<td>1,934.99</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial (Exempt)</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>2,193.13</strong></td>
<td><strong>2,193.13</strong></td>
<td><strong>1,934.99</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL LANDFILL RECEIPTS</strong></td>
<td><strong>13,168.18</strong></td>
<td><strong>13,168.18</strong></td>
<td><strong>12,199.76</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Yard Waste Receipts |                |               |                  |                             |                 |                               |
| City Contract -     | 0.00           | 0.00          | 0.00             |                             |                 |                               |
| All Other           | 0.00           | 0.00          | 0.00             |                             |                 |                               |
| **TOTAL**           | **0.00**       | **0.00**      | **0.00**         |                             |                 |                               |

| Payments:           | Payable to City/County Committee |               |                  |                             |                 |                               |
| General Refuse      | Tons 10,811.39 | Rate $2.55 | $27,569.04 | $27,569.04 | $27,569.04 | $25,240.58 |
| Special Waste - Ind.| Tons 2,193.13 | Rate $2.55 | $5,592.48 | $5,592.48 | $5,592.48 | $4,818.13 |
| **TOTAL**           | **$33,161.53** | **$33,161.53** | **$30,058.71** |                             |                 |                               |

| Payable to County   |               |               |                  |                             |                 |                               |
| General Refuse      | Tons 10,811.39 | Rate $1.27 | $13,730.47 | $13,730.47 | $13,730.47 | $12,873.71 |
| Special Waste - Ind.| Tons 2,193.13 | Rate $1.27 | $2,785.28 | $2,785.28 | $2,785.28 | $2,457.44 |
| **TOTAL**           | **$16,515.74** | **$16,515.74** | **$15,331.15** |                             |                 |                               |

| Payable to/Receivable From County | $5 Loads | Load 3.00 | Rate $5.00 | $15.00 | $15.00 | $5.00 |

| Less: State Fee on Free and $5 Loads | Tons 162.44 | Rate $2.22 | ($360.62) | ($360.62) | ($360.62) | ($279.50) |
| **TOTAL** | **($345.62)** | **($345.62)** | **($274.50)** |                             |                 |                               |

| Tonnage: General Refuse & Special Waste | Current | Landfill #2 2020 | Landfill #2 Year to Date 2020 | Landfill #2 2019 | Landfill #2 Year to Date 2019 |
| In county | 8,341.61 | 63.35% | 8,341.61 | 7,435.13 |
| Out of county | 4,826.57 | 36.65% | 4,826.57 | 4,764.63 |
| Mixed | - | 0.00% | - | - |
| **TOTAL** | **13,168.18** | **100.00%** | **13,168.18** | **12,199.76** |
REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Chris Coulter, Vice President & Chief Operating Officer
Peoria City/County Landfill, Inc. (PCCLI)

AGENDA DATE REQUESTED: February 19, 2020

AGENDA ITEM: Update on RFP from PDC Technical Services for assistance with the Conceptual Lake Rehabilitation and Wetland Enhancement Project

ACTION REQUESTED: Receive and File

BACKGROUND: PDC Technical Services, Inc. (PDCTS) released a “Request For Proposals” (RFP) to a list of qualified environmental consultants who can assist it with the Conceptual Lake Rehabilitation and Wetland Enhancement Project during the week of January 13. Five (5) consultants were invited to respond to the RFP: Hanson, Farnsworth, Wood, Geosyntec and Weaver Consultants. PDCTS held a meeting with these consultants on January 23 at the Peoria City/County Landfill No. 3 Facility. Josh Gabehart and Mark Williams from Foth were in attendance for this meeting at the Facility, and answered questions from the consultants. At the request of the consultants, PDCTS extended the deadline of the proposals to February 7. Four (4) proposals were received for the project by the deadline. PDCTS intends to select an environmental consultant for assistance with the Conceptual Lake Rehabilitation and Wetland Enhancement Project by the end of this month, and then plans to schedule a meeting with the Illinois Department of Natural Resources/Office of Water Resources sometime in March to discuss the Conceptual Lake Rehabilitation and Wetland Enhancement Project.

FINANCIAL IMPACT: N/A
Waste Profile: 625161IL

Source: Corbion Biotech
Requested Facility: Peoria City - County Landfill

A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Corbion Biotech
2. Site Address: 910 NE ADAMS ST (City, State, ZIP) PEORIA IL 61603
3. County: Peoria
4. Contact Name: Kreg Linden
5. Email: kreg.linden@corbion.com
6. Phone: (309) 219-5734 7. Fax: 
8. Generator EPA ID: 1430655831
9. State ID: IL0079731

C. MATERIAL INFORMATION
1. Common Name: Unused/Off-spec Products (Solid)
   Products are unused or off-spec. Discarded products are not contaminated. Attach MSDS for each product.
2. Material Composition and Contaminants: See Attached
   1. See Attached MSDS
   2. 
   3. 
   4. 
   Total comp. must be equal to or greater than 100% ≥100%
3. State Waste Codes:
4. Color: Various
5. Physical State at 70°F: Solid Liquid Other:
6. Free Liquid Range Percentage: to 
7. pH: to
8. Strong Odor: Yes No Describe:
9. Flash Point: <140°F 140°F−199°F ≥200° N/A

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

F. SHIPPING AND DOT INFORMATION
1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 4 Tons Yards Drums Gallons Other:
3. Container Type and Size: 4 - 110 pound fiber drums
4. USDOT Proper Shipping Name: N/A

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

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

Name (Print): Kreg Linden Date: 01/30/2020
Title: Shipping Receiving Specialist
Company: Corbion Biotech

Certification Signature

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Revised June 30, 2015
©2015 Waste Management
F. Additional Waste Stream Information

Profile Number: 625161IL

Generators Name: Corbion Biotech

Generators SITE Address: 910 NE ADAMS ST PEORIA IL 61603
(The location where the waste is generated)

Waste Name: Unused/Off-spec Products (Solid)

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 exempt from Illinois Solid Waste Management Act fee? ☐ Yes ☑ No
Select option: ☐ Pollution Control Waste ☐ Other

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) Kreg Linden

Signature: [Signature]

Title: Shipping Receiving Specialist

Date: 01/30/2020
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier: SODIUM PHOSPHATE DIBASIC

1.2. Relevant identified uses of the substance or mixture and uses advised against:
Food additive
(For more information please refer to our technical information sheet)

1.3. Details of the supplier of the safety data sheet

SUPPLIER: Manufacturer:
Name: JOST CHEMICAL CO.
Address: 8150 Lackland
Saint Louis
MO 63114
USA
Telephone number: +1 314-428-4300
Telefax number: +1 314-428-4366

SUPPLIER: Distributor:
Name: JOST EUROPE
Address: Rue de Perwez 108 A
5300 ANDENNE
BELGIQUE
Telephone number: +32 85 23 17 11
Telefax number: +32 85 23 36 57
E-mail: troulet@josteurope.com

1.4. Emergency telephone number
ORFILA (France): +33 01 45 42 59 59
Belgium: +32 70 245 245
Switzerland: +41 01 251 51 51

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

MOST IMPORTANT HAZARDS

Adverse human health effects: No particular risk when handled in accordance with good occupational hygiene practice.
Environmental effects: Presents no particular risk to the environment, provided the recommendations concerning disposal (see section 13) and any applicable national or local regulations are complied with.
Physical and chemical hazards
- Fire or explosion: No specific hazard under normal conditions of use
Classification of the product: According to EC criteria, this product is not classified as a “hazardous substance”

2.2. Label elements
- Hazard pictograms: None.
- Signal words: None.
- Hazard statements: None.
- Supplemental hazard information: None.
2. HAZARDS IDENTIFICATION (continued)

- Precautionary statements: None.
- 2.3. Other hazards: None, to our knowledge

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>Common chemical name: Disodium hydrogenorthophosphate / Disodium hydrogenorthophosphate dihydrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td>Sodium phosphate dibasic / Disodium phosphate</td>
</tr>
<tr>
<td>Chemical formula:</td>
<td>Na2HPO4</td>
</tr>
<tr>
<td>CAS:</td>
<td>7558-79-4 / 10028-24-7</td>
</tr>
<tr>
<td>EINECS:</td>
<td>231-448-7</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

4.1. Description of first aid measures
- Inhalation: Move the affected person away from the contaminated area and into the fresh air
- Skin contact: Remove all contaminated clothing and footwear. Rinse with plenty of water
- Eye contact: Rinse immediately with plenty of water (for at least 15 minutes). If irritation persists, consult an eye specialist
- Ingestion: Give water to drink. Consult a doctor if necessary

4.2. Most important symptoms and effects, both acute and delayed
- On ingestion in large quantities:
  - Nausea
  - Vomiting
  - Abdominal pain
  - Diarrhoea
  - Irregular heartbeat
  - Central Nervous System depressant

4.3. Indication of any immediate medical attention and special treatment needed
- No information available

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media: Water fog
- Carbon dioxide (CO2)
- Foam
- Powders

5.2. Special hazards arising from the substance or mixture: Not combustible
- On thermal decomposition (pyrolysis), releases:
  - Toxic gases are released

5.3. Advice for fire-fighters:
- Do not dispose of fire-fighting water in the environment
- Cool down the containers/equipment exposed to heat with a water spray
- Do not attempt to fight the fire without suitable protective equipment:
  - Complete protective clothing
5. FIRE-FIGHTING MEASURES (continued)

- Self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Avoid contact with skin and eyes

6.2. Environmental precautions: Do not allow product to spread into the environment
Do not discharge into drains and rivers

6.3. Methods and material for containment and cleaning up

- Recovery: Sweep up or vacuum up the product
Collect up the product and place it in a spare container suitably labelled

- Cleaning/decontamination: Wash dirty surfaces with water

- Disposal: Dispose of contaminated materials in accordance with current regulations

6.4 Reference to other sections: For further information see section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Technical measures: Ensure good ventilation of the work station
Dust extraction (suction)

Precautions: Avoid contact with skin and eyes
Avoid the formation or spread of dust in the atmosphere

Hygiene measures: Do not eat, drink or smoke during use

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Does not require any specific or particular technical measures

Storage conditions
- Recommended: Store:
  - the container tightly closed and dry
  - in a cool, well-ventilated area

Incompatible materials: Strong oxidizing agents
Strong acids

7.3. Specific end use(s): No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls
Engineering measures: Ensure good ventilation of the work station
Extraction to remove dust at its source

Personal protective equipment:
- Respiratory protection: In case of dust production:
  Dust filter (P1 / FFP1)
8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

- Hand protection: Nitrile-rubber protective gloves
  The protective gloves to be used must comply with the specifications of EC
directive 89/686/EEC and the resultant standard EN 374
  Breakthrough time: refer to the recommendations of the supplier

- Eye protection: Goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Powder / Granular
Colour: white
Odour: none
Olfactory limit: Not determined
pH: Not applicable
Specific temperatures
- Boiling: Not established.
- Melting point: 240 °C (Decomposes)
Decomposition temperature: Not determined
Flammability characteristics
- Flash point: Not applicable.
- Auto-ignition temperature: Not determined
Oxidizing properties: Non oxidizing material according to EC criteria
Explosive limits in air: Not determined
Vapour pressure: Not determined
Vapour density (air = 1): Not determined
Relative density (water = 1): 4.9
Solubility
- in water: Soluble
Octanol/water partition coefficient: Not determined
Kinematic viscosity: Not determined
Evaporation rate: Not determined
9.2 Further information: No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity: To our knowledge, the product does not present any particular risk
10.2. Chemical stability: Stable at ambient temperature and under normal conditions of use
10.3. Possibility of hazardous reactions: No information available
10.4. Conditions to avoid: None, to our knowledge
10.5. Incompatible materials:
  - strong acids
  - strong oxidizing agents

JOST CHEMICAL CO.
8150 Lackland - Saint Louis MO 63114 - USA
10. STABILITY AND REACTIVITY (continued)

10.6. Hazardous decomposition products: On thermal decomposition (pyrolysis), releases:
Sodium oxides
Phosphorus oxides

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity: LD 50 oral (rat) : 17000 mg/kg (published data)
Local effects: No additional information available
Sensitization: No data available
Specific effects:
Carcinogenicity: No additional information available
Mutagenicity: Bacterial mutation test : Negative (published data)
Reproductive toxicity: No additional information available
STOT - single exposure: The dust may be irritating to the respiratory system, eyes and skin
STOT - repeated exposure: No additional information available
Aspiration hazard: Not applicable

12. ECOLOGICAL INFORMATION

12.1. Toxicity: Presents no particular risk to the environment, provided the recommendations concerning disposal (see section 13) and any applicable national or local regulations are complied with.
LC 50 (Fish : Gambusia affinis) / 48 h : 467 mg/l
EC 50 (Daphnia : Daphnia magna) / 48h : 1089 mg/l (published data)

12.2. Persistence and degradability: Not applicable
12.3. Bioaccumulative potential: log Pow = -5.8 (published data)
Not potentially bioaccumulable
12.4. Mobility in soil: No information available
12.5. Results of PBT and vPvB assessment: No information available
12.6. Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
WASTE FROM PRODUCT
Destruction/Disposal: Dispose of in accordance with relevant local regulations
CONTAMINATED PACKAGING
Destruction/disposal: Dispose of at an approved site
13. DISPOSAL CONSIDERATIONS

NOTE: The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal.

14. TRANSPORT INFORMATION

14.1. UN number: Not restricted
14.2. UN proper shipping name: Not restricted
14.3. Transport hazard class(es): Not restricted
14.4. Packing group: Not restricted
14.5. Environmental hazards: Not restricted
14.6. Special precautions for user: No information available
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No information available

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, in case the date of issue is older than 12 months, compared to the current one, it would be advisable to check their validity with your commercial agency.

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: No information available
15.2. Chemical Safety Assessment: No information available

16. OTHER INFORMATION

Restrictions on use: This product must not be used for other applications that mentioned in §1.
Bibliography references: Joint Research Centre (JRC)
                      IUCLID (International Uniform Chemical Information Data Base)
                      HSDB (Hazardous Substances Data Bank) (National Library of Medicine)
* Update: This sheet was updated (refer to the date at the top of this page)
           This sheet has been revised completely (changes were not marked)
Safety data sheet established by: LISAM SERVICES - TELEGIS
                                6 rue des Boucheries F-60400 NOYON
                                www.reachelp.com
                                Safety Made Easy with www.lisam.com

This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith. Besides, the attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended. In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product. The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

JOST CHEMICAL CO.
8150 Lackland - Saint Louis    MO 63114 - USA
This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

End of document
Waste Profile:  625152IL

Source:  Corbion Biotech
A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Corbion Biotech
2. Site Address: 910 NE ADAMS ST
   (City, State, ZIP) PEORIA IL 61603
3. County: Peoria
4. Contact Name: Kreg Linden
5. Email: kreg.linden@corbion.com
6. Phone: (309) 219-5734
7. Fax: N/A
8. Generator EPA ID: 1430655831
9. State ID: IL0079731

B. BILLING INFORMATION
1. Billing Name: Corbion Biotech Inc.
2. Billing Address: One Tower Place Suite 600
   (City, State, ZIP) South San Francisco CA 94080
3. Contact Name: Jocelyn Acena
4. Email: jocelyn.acena@corbion.com
5. Phone: (415) 840-8211
6. Fax: N/A
7. WM Hauled?: Yes
8. P.O. Number: N/A
9. Payment Method: Credit Account
10. Request Certificate of Disposal
11. Renewal? Original Profile Number:

C. MATERIAL INFORMATION
1. Common Name: Unused/Off-spec Products (Solid)
   Describe Process Generating Material: See Attached
   Products are unused or off-spec. Discarded products are not contaminated. Attach MSDS for each product.

2. Material Composition and Contaminants:
   See Attached
   1. See Attached MSDS
   2. N/A
   3. N/A
   4. N/A
   Total comp. must be equal to or greater than 100% ≥100%
3. State Waste Codes: N/A
4. Color: Various
5. Physical State at 70°F: Solid Liquid Other:
6. Free Liquid Range Percentage: to N/A
7. pH: to N/A
8. Strong Odor: Yes No
   Describe:
9. Flash Point: <140˚F 140˚–199˚F ≥200˚ N/A

D. REGULATORY INFORMATION
1. EPA Hazardous Waste?
   Yes* No
2. State Hazardous Waste?
   Yes* No
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion?
   Yes* No
4. Contains Underlying Hazardous Constituents?
   Yes* No
5. From an industry regulated under Benzene NESHAP?
   Yes* No
6. Facility remediation subject to 40 CFR 63 GGGGG?
   Yes* No
7. CERCLA or State-mandated clean-up?
   Yes* No
8. NRC or State-regulated radioactive or NORM waste?
   Yes* No
9. Contains PCBs?
   → If Yes, answer a, b and c.
   a. Regulated by 40 CFR 761?
      Yes No
   b. Remediation under 40 CFR 761.61 (a)?
      Yes No
   c. Were PCB imported into the US?
      Yes No
10. Regulated and/or Untreated Medical/Infectious Waste?
    Yes No
11. Contains Asbestos?
    Yes No
    → If Yes: Non-Friable Non-Friable – Regulated Friable

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

F. SHIPPING AND DOT INFORMATION
1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 385
   Tons Yards Drums Gallons Other:
3. Container Type and Size: 55 pound bags x 7
4. USDOT Proper Shipping Name: N/A

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

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

Name (Print): Kreg Linden Date: 01/30/2020
Title: Shipping Receiving Specialist
Company: Corbion Biotech

Certification Signature

THINK GREEN: QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

Profile Number: 625152IL

Generators Name: Corbion Biotech

Generators SITE Address: 910 NE ADAMS ST PEORIA IL 61603
(The location where the waste is generated)

Waste Name: Unused/Off-spec Products (Solid)

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 exempt from Illinois Solid Waste Management Act fee? ☐ Yes ☑ No
Select option: ☐ Pollution Control Waste ☐ Other ________________________

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) Kreg Linden  Title: Shipping Receiving Specialist
Signature: ☑ Kreg Linden  Date: 01/30/2020
Manganese Sulfate Monohydrate
Safety Data Sheet
According to OSHA-GHS 2015
Updated: June 23th. 2015
Created date: January 2nd. 2015

SECTION 1: Identification of the substance / mixture and of the Company / undertaking

1.1. Product Identifier

Product form: Substance
Trade name: Tecmangam
Substance name: Manganese Sulfate Monohydrate
Synonyms:
- Manganese Sulfate
- Manganese Monosulfate
- Manganese (II) Sulfate Monohydrate
- Manganese (2+) Sulfate Monohydrate

CAS No.: 10034-96-5
Formula: MnSO₄·H₂O

1.2. Relevant Identified uses of the substance or mixture and uses advised against

1.2.1 Relevant Identified Uses

Main use category: Industrial use
Use of the substance / preparation:
- Manufacturing of manganese sulfate, Manufacture of fungicides. Use of substance in the manufacture of other manganese based compounds and as intermediate, Leather tanning, Printing, Packing and cleaning, Laboratory reagent, Surface treatment, Fertilizer, Nutritional Additive.

1.2.2 Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Manufacturer:
ERACHEM MEXICO, S.A. DE C.V.
Domicilio Conocido Carretera Tampico-Valles km 28,
C.P. 92018 Tamós, Pánuco, Veracruz, México
+52 (833) 357 5800 and +52 (833) 357 5801
SDSMEX@erametgroup.com

1.4. Emergency telephone number

Emergency telephone: +52 (833) 357 5800

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS – US
STOT RE 2 H373
Aquatic Chronic 2 H411

NFPA (SCALE 0 – 4)

| Health | 1 |
| Fire   | 0 |
| Reactivity | 0 |
Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements

Labeling according to GHS-US

Hazard pictograms (GHS-US):

GHS08  GHS09

Signal word (GHS-US): Warning

Hazard statements (GHS-US):
H373 – May cause damage to organs (central nervous system) through prolonged or repeated exposure (inhalation)
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (GHS-US):
- Do not breathe dust, fume.
- Avoid release to the environment
- Avoid contact with eyes
- Avoid prolonged or repeated contact with skin
- Avoid ingestion
- Wear protective clothing, eye protection, protective gloves and dust mask.
- Dispose of contents / container accordingly to the current regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition / information on ingredients

3.1. Substances

Substance type: Mono-constituent

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier (CAS No.)</th>
<th>%</th>
<th>Probable contaminants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manganese sulfate monohydrate</td>
<td>10034-96-5</td>
<td>&gt;= 95</td>
<td>None</td>
</tr>
</tbody>
</table>

3.2. Mixtures

Not applicable
SECTION 4: First aid measures

4.1. Description of first measures

First-aid measures general : When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person.

First-aid measures after inhalation : If Inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. Medical examination necessary even merely on suspicion of intoxication.

First-aid measures after skin contact : After contact with skin, wash immediately with plenty of water and soap. Wash contaminated clothing before reuse.

First-aid measures after eye contact : In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

First-aid measures after ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed


4.3. Indication of any immediate medical attention and special treatment needed

In case of doubt or persistent symptoms, consult always a physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water fog or spray

Unsuitable extinguishing media : High power water jet

5.2. Special Hazard arising from the substance or mixture

Fire hazard : Under fire conditions, hazardous fumes will be present.

Explosion hazard : Not explosive.

Reactivity : The product is stable at normal handling and storage conditions.

5.3. Advice for firefighters

Precautionary measures fire : Use water spray or fog for cooling exposed containers

Exercise caution when fighting any chemical fire.

Protection during firefighting : In case of fire: Wear self-contained breathing apparatus.
### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**General measures**: See protective measures under point 7 and 8. Prevent unauthorized access.

**6.1.1 For non-emergency personnel**

- **Protective equipment**: Use personal protective equipment as required.
- **Emergency procedures**: Evacuate area.

**6.1.2 For emergency responders**

- **Protective equipment**: Use personal protective equipment as required. Wear breathing apparatus if exposed to Vapours / dusts /aerosols.
- **Emergency procedures**: Remove persons to safety.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- **For containment**: Collect spillage.
- **Methods for cleaning up**: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean contaminated objects and areas thoroughly observing Environmental regulations.

#### 6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal. See protective measures under point 7 and 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- **Precautions for safe handling**: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust.
- **Hygiene measures**: Do not eat, drink or smoke when using this product.
Technical measures: Keep container tightly closed and in a well-ventilated place.

Storage conditions: Store in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls / personal protection

8.1. Control Parameters

<table>
<thead>
<tr>
<th>Manganese sulfate monohydrate (10034-96-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH ACGIH TWA (mg / m³) 0.2 mg/m³</td>
</tr>
<tr>
<td>USA OSHA Ceiling limit value (mg / m³) 5 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Technical measures and the application of suitable work processes have priority over personal protection equipment.


Hand protection: Wear suitable gloves.

Eye protection: Chemical goggles or face shield.

Skin and body protection: Wear suitable protective clothing and gloves.

Respiratory protection: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Environmental exposure controls: Do not allow uncontrolled discharge of product into the environment. Avoid release to the environment.
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>169.01 g/mole</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder and/or prills.</td>
</tr>
<tr>
<td>Color</td>
<td>White to cream.</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>6.5 (450g/L) à 20°C</td>
</tr>
<tr>
<td>Melting point</td>
<td>450 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Non-flammable.</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available e</td>
</tr>
<tr>
<td>Relative density</td>
<td>2.93 at 22 °C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: 45 %</td>
</tr>
<tr>
<td>Self-ignition temperature</td>
<td>Non-flammable.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>850 °C</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidizing.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>n-octanol / water</td>
</tr>
<tr>
<td>Others</td>
<td>Hygroscopic</td>
</tr>
</tbody>
</table>

9.2. Other information

No relevant information available: -

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Under fire conditions, hazardous fumes will be present.
10.4. Conditions to avoid
Extremely high temperatures.

10.5. Incompatible materials
Strong oxidizers.

10.6. Hazardous decomposition products
Under fire conditions, hazardous fumes will be present.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
</table>

**Manganese sulfate monohydrate (10034-96-5)**

<table>
<thead>
<tr>
<th>LD50 oral rat</th>
<th>&gt; 2000 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 4.98 mg/l</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific Target Organ Toxicity single exposure STOT SE1: Not classified (Based on available data, the classification criteria are not met)
Specific Target Organ Toxicity repeated exposure STOT RE2: May cause damage to organs (central nervous system) through prolonged or repeated exposure (inhalation).
Aspiration hazard: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological Information

12.1. Toxicity

**Manganese sulfate monohydrate (10034-96-5)**

<table>
<thead>
<tr>
<th>LC50 fishes 1</th>
<th>14.5 mg/l</th>
</tr>
</thead>
</table>

Ecology - water: Toxic to aquatic life with long lasting effects

12.2. Persistence and degradability
No additional information available.
### 12.3. Bioaccumulative potential

Bioaccumulative potential : Not established

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- **Waste disposal recommendation**: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/containers to comply with local, state and federal regulations.
- **Ecology - waste materials**: Avoid release to the environment

## SECTION 14: Transport Information

- **In accordance with**: IMDG / ICAO / IATA / DOT

### 14.1. UN number

- **UN**: 3077

### 14.2. UN proper shipping name

- **Proper Shipping Name**: Environmentally hazardous substance, Solid, N.O.S.
- **Transport document description**: UN 3077 Environmentally Hazardous Substance, Solid, N.O.S., 9, III, (E)

### 14.3. Transport hazard class

- **Class (UN)**: 9

### 14.4. Packing group

- **Packing group (UN)**: III
14.5. Environmental hazards

Marine pollutant : 

Other information : No supplementary information available.

14.6. Special Precautions for user

14.6.1 Overland transport

No regulated for transport

14.6.2 Transport by sea

No additional information available

14.6.3 Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

15.1.1 US Federal regulations

No listed on the United States TSCA (Toxic Substances Control Act)
No listed on SARA 304 (Emergency release notification)
No listed on SARA 311,312 (Acute hazard, Chronic hazard, Fire hazard, Reactivity hazard)
Listed on SARA 313 (Specific toxic chemical listings)

15.1.2. International regulations

CANADA:
No listed on the Canadian DSL (Domestic substances List)
WHMIS Classification: Class D Division 2 Subdivision B – Toxic material causing other toxic effects
15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
Waste Profile: 625182IL

Source: CSX Transportation, Inc
**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

1. Generator Name: CSX Transportation, Inc.  
2. Site Address: 1201 Boyce Memorial Dr  
   (City, State, ZIP) Ottawa IL 61530-0000  
3. County: La Salle  
4. Contact Name: Scott Karcher  
5. Email: scott_karcher@csx.com  
6. Phone: (734) 732-3710  
7. Fax:  
8. Generator EPA ID:  
   Yes N/A  
9. State ID:  
   Yes N/A  

**B. BILLING INFORMATION**

1. Billing Name: Hepaco, LLC  
2. Billing Address: PO Box 26308  
   (City, State, ZIP) Charlotte OH 28269  
3. Contact Name: Accounts Payable  
4. Email: ap@hepaco.com  
5. Phone: (704) 598-9782  
6. Fax:  
7. WM Hauled? Yes No  
8. P.O. Number: 33-100227  
9. Payment Method: Credit Account Cash Credit Card  

**C. MATERIAL INFORMATION**

1. Common Name: Lube Oil/Absorbent/Ballast Rock  
   Describe Process Generating Material: See Attached  
   Lube oil release from locomotive. Lube oil was cleaned up using absorbent pads/clay based floor dry and degreaser. Impacted ballast rock was also cleanup and placed into the drums.  
2. Material Composition and Contaminants: See Attached  
   1. Absorbent Pads 55%  
   2. Clay Based Floor-Dry 40%  
   3. Ballast Rock 3%  
   4. Degreaser 1%  
   Total comp. must be equal to or greater than 100% ≥ 100%  
3. State Waste Codes: N/A  
4. Color: Black/Brown  
5. Physical State at 70°F: Solid Liquid Other:  
6. Free Liquid Range Percentage: to N/A  
7. pH: to N/A  
8. Strong Odor: Yes No Describe:  
9. Flash Point: < 140°F 140°−199°F ≥ 200° N/A  

**D. REGULATORY INFORMATION**

1. EPA Hazardous Waste? Yes* No  
2. State Hazardous Waste? Yes No  
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? Yes* No  
4. Contains Underlying Hazardous Constituents? Yes* No  
5. From an industry regulated under Benzene NESHAP? Yes* No  
6. Facility remediation subject to 40 CFR 63? Yes No  
7. CERCLA or State-mandated clean-up? Yes* No  
8. NRC or State-regulated radioactive or NORM waste? Yes* No  
9. Contains PCBs? If Yes, answer a, b and c. 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 No  
**If Yes, see Addendum (page 2) for additional questions and space.**

**E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION**

1. Analytical attached Yes  
   Please identify applicable samples and/or lab reports:  
   2. Other information attached (such as MSDS)? Yes  

**F. SHIPPING AND DOT INFORMATION**

1. One-Time Event Repeat Event/Ongoing Business  
2. Estimated Quantity/Unit of Measure: 3  
   Tons Yards Drums Gallons Other:  
3. Container Type and Size: 55g Open Top Steel  
4. USDOT Proper Shipping Name: N/A  

---

**G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)**

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

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

Name (Print): Chris Bean Date: 01/26/2020  
Title: Project Manager  
Company: Hepaco, LLC
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.

|   |   |   |   
|---|---|---|---|
| 5. Lube | 011 | 1 % |   |
| 6. |   |   |   |
| 7. |   |   |   |
| 8. |   |   |   |
| 9. |   |   |   |

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:

   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)?*
   - If Yes, complete question 4.
   - Yes
   - No

d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?
   - If Yes, please check one of the following:
     - Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
     - Waste contains VOCs that average <500 ppmw (40 CFR 264.1082(c)(1)) – will require annual update.

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
     - Treated Hazardous Waste Debris
     - Treated Characteristic Hazardous Waste
   - Specify Exclusion:

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

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

   1. If yes, what is the flow weighted average concentration? ppmw

   c. What is your facility’s current total annual benzene quantity in Megagrams?
      - <1 Mg
      - 1–9.99 Mg
      - ≥10 Mg
      - Yes
      - No

   d. Is this waste soil from a remediation?
      - Yes
      - No

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

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

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

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

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

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

8. NRC or state regulated radioactive or NORM Waste
   - Please identify Isotopes and pCi/g:
F. Additional Waste Stream Information

Profile Number: 625128IL

Generators Name: CSX Transportation, Inc.

Generators SITE Address: 1201 Boyce Memorial Dr Ottawa IL 61530-0000
(The location where the waste is generated)

Waste Name: Lube Oil/Absorbent/Ballast Rock

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 exempt from Illinois Solid Waste Management Act fee? ☑ Yes ☐ No
Select option: ☑ Pollution Control Waste ☐ Other

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) Chris Bean

Signature: Chris Bean

Title: Project Manager

Date: 01/26/2020
1. Identification

Product Name
ARG DDS Plus 9124 FM 9 TBN SAE 40 Railroad Engine Oil

Product Code(s)
7272

Recommended Use
Railroad Engine Oil

Company
American Refining Group, Inc.
77 North Kendall Avenue
Bradford, PA  16701
www.amref.com
msds@amref.com

Emergency Telephone
Chemtrec 1-800-424-9300 (24 HRS)

Number(s)
ARG:  814-368-1297 (24 HRS)

Revision Date
4/1/2015

2. Hazards Identification

GHS Classification
This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word
Not applicable

Hazard Statements
Not applicable

Other Hazard Information
Not applicable

GHS Pictogram
Not applicable

Precautionary Statements
Not applicable

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Component</th>
<th>Common Name</th>
<th>Percent</th>
</tr>
</thead>
</table>

This product does not contain ingredients that are hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

4. First Aid Measures

Eyes
Check for and remove any contact lenses. Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.

Skin
In case of contact, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation
Move exposed person to fresh air. Get medical attention if irritation develops.

Ingestion
First aid is normally not required. Get medical attention if discomfort develops.
4. First Aid Measures

Note to Physicians
No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

5. Fire Fighting Measures

Suitable Extinguishing Media
Use dry chemical, CO₂, water spray (FOG) or foam

Unsuitable Extinguishing Media
Avoid solid water stream as it may scatter and spread fire.

Specific Hazards Arising from Chemical
Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

Protective Equipment and Precautions for Firefighters
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal Precautions
Put on appropriate personal protective equipment.

Environmental Precautions
Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment
Stop leak if without risk.

Methods for Cleanup
Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container.

7. Handling and Storage

Handling Procedures
Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

Shipping and Storing Procedures

Incompatibilities:
Oxidizing Agents

8. Exposure Controls / Personal Protection

Component Exposure Limits
When mists/aerosols can occur the following are recommended: 5 mg/m³ - ACGIH TLV (inhalable fraction), 5 mg/m³ - OSHA PEL.

Engineering Controls
Material should be handled in enclosed vessels and equipment only if aerosolized and/or misted. Use only in adequate ventilation if this occurs. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
### 8. Exposure Controls / Personal Protection

- **Eye/Face Protection**: Safety glasses
- **Skin Protection**: Normal work gloves are appropriate
- **Respiratory Protection**: No special requirements under ordinary conditions of use and with adequate ventilation.
- **General Hygiene**: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

### 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. Please see the Product Specification Sheet for further information.*

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Flammability</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Opaque</td>
<td>Not available</td>
<td>Mild</td>
</tr>
<tr>
<td>Upper/Lower</td>
<td></td>
<td>Flammability Limits</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits</td>
<td></td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
<td>Vapor Pressure (kPa at 20°C)</td>
<td>0</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
<td>Vapor Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting/Freezing Point (°F)</td>
<td>Not available</td>
<td>Relative Density (lbs/gal)</td>
<td>7.39</td>
</tr>
<tr>
<td>Initial Boiling Point (°F)</td>
<td>Not available</td>
<td>Partition Coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Range (°F)</td>
<td>Not available</td>
<td>Auto-ignition Temperature (°F)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°F)</td>
<td>450</td>
<td>Decomposition Temperature (°F)</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
<td>Viscosity (40°C mm²/s)</td>
<td>137</td>
</tr>
</tbody>
</table>

### 10. Chemical Stability & Reactivity Information

- **Reactivity**: Polymerization will not occur
- **Chemical Stability**: Stable under normal conditions
- **Hazardous Reactions**: None, under normal processing.
- **Conditions to Avoid**: High temperatures
- **Incompatibility**: Strong acids and oxidizing materials
- **Hazardous Decomposition Products**: Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

### 11. Toxicological Information

- **Acute Exposure**: Not expected to pose respiratory irritation. An inhalation hazard may only arise if product is aerosolized or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract. Based on data from similar materials.
- **Respiratory Irritation**: Not expected to cause irritation under normal use.
- **Eye Irritation**: Not expected to cause irritation under normal use.
11. Toxicological Information

Skin Irritation  Not expected to cause irritation under normal use.
Sensitization  Not expected to cause skin or respiratory sensitization.
Aspiration Hazards  Not expected to pose an aspiration hazard if swallowed.

Chronic Exposure
Target Organ Effects  No data available to indicate product or components at greater than 1% are chronic health hazards.
Carcinogenicity  No data available to indicate product or any components present at greater than .1% are carcinogenic.
Mutagenicity  No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.
Reproductive Toxicity  No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity.
Teratogenicity  No data available to indicate product or any components contained at greater than .1% may cause birth defects.

Component Analysis – LD50 / LC50

Inhalation LC50 Rat  \(>20\) mg/L 4h
Oral LD50 Rat  \(>5000\) mg/kg
Dermal LD50 Rabbit  \(>2000\) mg/kg

12. Ecological Information

Component Analysis- Ecotoxicity – Aquatic Life

<table>
<thead>
<tr>
<th>Duration/Test/Species</th>
<th>Concentration/Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 Hr LC50 Pimephales promelas</td>
<td>Not available mg/L</td>
</tr>
</tbody>
</table>

Persistence & Degradability  Not determined
Bioaccumulation Potential  Not determined
Soil Mobility  Not determined
Other Adverse Effects  Not determined

13. Disposal Considerations

Disposal Instructions
The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14. Transportation Information

### 14. Transportation Information

<table>
<thead>
<tr>
<th>U.S. DOT</th>
<th>Shipping Name (technical name)</th>
<th>Hazard Class</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk</td>
<td>Not Regulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Bulk</td>
<td>Not Regulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IATA</td>
<td>Not Regulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IMDG</td>
<td>Not Regulated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 15. Regulatory Information

#### SARA Extremely Hazardous Substances (Sections 302 & 304)
This product does not contain greater than 1% of any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

#### SARA Section 313
This product does not contain greater than 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### SARA Section 311 & 312 Classifications
<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

#### CERCLA
This product does not contain any “hazardous substances” listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

#### California Prop 65
This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

#### Global Chemical Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>US TSCA</td>
<td>Listed</td>
</tr>
<tr>
<td>EU</td>
<td>Listed</td>
</tr>
<tr>
<td>Japan</td>
<td>Not available</td>
</tr>
<tr>
<td>Australia</td>
<td>Listed</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Not available</td>
</tr>
<tr>
<td>Canada</td>
<td>Listed</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Not available</td>
</tr>
<tr>
<td>Korea</td>
<td>Listed</td>
</tr>
<tr>
<td>Philippines</td>
<td>Listed</td>
</tr>
<tr>
<td>China</td>
<td>Listed</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 16. Other Information

#### US NFPA Ratings

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td></td>
</tr>
<tr>
<td>Fire</td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td></td>
</tr>
</tbody>
</table>
16. Other Information

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Physical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

HMIS Ratings

Revision Date: 10 November 2015
Revision Reason: New SDS

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS
Section 1: Product and Company Identification:
Product Name: Purple Power Concentrated Industrial Strength Cleaner/Degreaser
Product Use: Cleaner
Part#'s: 4315PS, 4319PS, 4332PS, 4380DG, 4320P, 4322P, 4325P, 4330, 4340, PP275
Manufacture/Supplier: Aiken Chemical Company, Inc.
P.O. Box 27147, Greenville, SC 29616
12 Shelter Drive, Greer, SC 29650
Phone Number: (864) 968-1250
1-800-828-1860
Emergency Phone: 1-800-424-9300
Date of Preparation: March 30, 2015

Section 2: Hazards Identification:
Emergency Overview:
Warning: Corrosive Material – May Cause Burns, Irritating to Eyes and Skin.
Potential Health Effects: See Section 11 for more information.
Likely Routes of Exposure:
Eye: May cause burns and Irritating to eyes.
Skin: May cause burns and Irritating to skin.
Ingestion: May cause burns and may be harmful if swallowed. May cause stomach distress, nausea, or vomiting
Inhalation: May cause respiratory tract irritation. May cause burns
Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation.
Signs and symptoms: Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Symptoms may include redness, edema, drying, de-fatting and cracking of the skin.
Medical Conditions Aggravated By Exposure: Because of its irritating properties, product may aggravate preexisting skin, eye, and respiratory conditions.
Target Organs: Skin, eyes, gastrointestinal tract, respiratory system
Potential Environmental Effects: See Section 12 from more information.

Section 3: Composition / Information on Ingredients:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures:
Eye Contact: Remove contact lenses if present. Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower eyelids periodically to insure complete flushing. Seek medical attention immediately.
Skin Contact: Remove contaminated clothing immediately. Thoroughly wash exposed area with soap and water for at least 15 minutes. Seek medical attention immediately.
Inhalation: Remove individual to fresh air. If breathing has stopped, give artificial respiration. Seek medical attention immediately.
Ingestion: DO NOT induce vomiting. If conscious, dilute by giving 2-3 glasses of water. Seek medical attention immediately.
General Advice: In case of accident or if you feel unwell, seek medical advice immediately. Show the label or SDS where possible.