PEORIA CITY/COUNTY LANDFILL COMMITTEE

REGULAR MEETING AGENDA

WEDNESDAY, JANUARY 15, 2020

******3:00 P.M.******

DATES SET:

WEDNESDAY, February 19, 2020 @ 3:00 p.m.
REGULAR COMMITTEE MEETING – To be held at City Hall 419 Fulton Street - Room 404, Peoria Illinois 61602

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.

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PEORIA CITY/COUNTY LANDFILL COMMITTEE

AGENDAS AND MINUTES

ISSUED BY:

Stephen M. Morris, CHAIRMAN

CITY OF PEORIA

419 Fulton Street – Room 404

(309) 494-8800

INTERNET ADDRESS: www.peoriagov.org

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*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  

JANUARY 15, 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:  October 16, 2019 and December 4, 2019  

AGENDA ITEMS  

ITEM NO. 1  REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT, LLC  
A. SPECIAL WASTE APPROVALS AS NEEDED  
B. PERMIT APPROVALS AS NEEDED  
C. UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES & PROGRESS  

ITEM NO. 2  REPORT FROM PUBLIC WORKS ADMINISTRATION  
A. LANDFILL MONTHLY BUDGET REPORT AND 4TH QUARTER 2019 UPDATE  

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. 1 - 2019  UPDATE ON POTENTIAL LAND USE  

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

NEW BUSINESS  

REGULAR MEETING  

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

EXECUTIVE SESSION  

ADJOURNMENT
Peoria, Illinois October 16, 2019, 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, Patrick Nichting, Steve Van Winkle - 6.

MEMBERS ABSENT: Sharon Williams – 1.

CITY/COUNTY STAFF PRESENT: Emily Ambroso, Alex Kurth (arrived at 3:35), Karen Raithel and Stephanie Stapleton.

OTHERS PRESENT: Joyce Blumenshine, Josh Gabehart, Steve Harenburg, Ian Johnson, Mark Williams and Jerry Wyatt.

ANNOUNCEMENTS

NONE.

CITIZENS OPPORTUNITY TO ADDRESS THE COMMITTEE

Chairman Morris opened the floor to any citizens who wished to address the Landfill Committee members.

Ms. Blumenshine, Heart of Illinois Sierra Club, inquired about the Significant Permit Modification Application for an alternate source demonstration for the dissolved chloride concentrate at groundwater monitoring wells. She noted that this had been an ongoing issue for a while and questioned if it only applied to the wells that were upgradient or would it impact the chloride levels across the entire landfill.

Chairman Morris requested an update on the issues addressed by Mr. & Mrs. Stegmaier that was discussed at the previous Landfill meeting under Citizens Opportunity to Address the Committee.

Mr. Gabehart stated that he met with Peoria County Highway Department on site to discuss the culvert. He explained that culvert under Cottonwood Road was silted in and under water. He said the County planned to mow about 100 feet on each side of the road to determine the actual problem. He said the County
explained that the culvert was added to their list. He said he would provide an update at the next scheduled meeting.

In discussion with Mr. Van Winkle, Ms. Ambroso mentioned that this was a County owned pipe on the County’s right-of-way. Ultimately this would not be the City’s responsibility to move, but would be between the property owner and the County.

**MINUTES**

Mr. Van Winkle moved to approve the Minutes of the Regular Meeting of the Peoria City/County Landfill Committee held on September 18, 2019, as printed; seconded by Mr. Bergsten.

The minutes were approved 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 three (3) non-special waste profiles that required the Committee’s approval, Profile Nos. (624088IL, 624135IL and 624181IL), and two (2) pre-approved waste profiles: Profile Nos. (624225IL and 624258IL). He stated that Foth had no technical objections.

1. Profile 624088IL from Corbion Biotech for unused/off-spec products
2. Profile 624135IL from ComEd-STA3 Powerton for soil and construction debris
3. Profile 624181IL from Ameren Illinois for Excavated soil
4. Profile 624225IL from Brewers Distributing was pre-approved per the Committee’s Consumer Products in Original Packaging Policy
5. Profile 624258IL from Don Quanstrom was pre-approved per the Committee’s Asbestos Containing Material (ACM) Policy.

Mr. Bergsten moved to approve the non-special waste profiles for Profile 624088IL from Corbion Biotech, Profile 624135IL from ComEd-STA3 Powerton, and Profile 624181IL for Ameren Illinois; seconded by Mr. Fox.

*The motion was approved by viva voce vote.*

In discussion with Chairman Morris regarding the IEPA’s approval timeline, Mr. Gabehart explained that it could take up to 90 – 120 days to process.

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

Mr. Gabehart gave a brief overview of the following permits that required the Committee’s approval.
Mr. Gabehart explained that the alternate source demonstration was required for a confirmed dissolved chloride concentration above the AGQS/MAPC value at groundwater monitoring well G02S. He further explained that the alternate source demonstration would determine the source of the increased concentrations or proposed assessment monitoring.

Mr. Gabehart stated if the flare shutdown exceeded a one-hour period then a 405-CAAPP form would need to be submitted to the IEPA Division of Air. He said a shutdown occurred late on October 5th, which exceeded the one hour duration and lasted for 18 hours and 53 minutes. A storm event extinguished the flame and the auto-restart attempted to relight the flare, but it was unsuccessful and the unit ran out of propane for the pilot light, he said. He pointed out that the flare was relit the morning of the 6th. He noted that the shutdown control equipment operated as designed, automatically shutting down the flow of landfill gas to the flare. There were no landfill gas emissions into the air during this shutdown as per system design, he said.

Further, Mr. Gabehart stated that he did not anticipate any other reports that would require Chairman Morris' signature, but respectfully requested approval to obtain Chairman Morris' signature, should the need prior to the next Committee meeting.

Mr. Van Winkle moved to approve securing Chairman Morris' signature for the 405-CAAPP reporting forms and the Significant Permit Modification Applications including permits prior to the next scheduled meeting; seconded by Mr. Bergsten.

The motion was approved by viva voce vote.

(C) Updates Regarding Compliance Activities, Measures & Progress

Financial Information

Mr. Gabehart outlined the engineering services through August 31, 2019. He stated that the total amount billed to-date was $71,412.32.

Updates Regarding Compliance Activities, and Progress

Mr. Gabehart gave a brief update regarding the compliance activities, measures and progress for the Landfill. He reviewed the engineering services provided through September 30, 2019. He noted the total amount billed to date was $104,630.75. He mentioned that the preapproved waste streams provided an opportunity for Waste Management to secure two waste profiles with estimated tonnage of 3,100 tons and an estimated host fee revenue increase to the Landfill Committee in the amount of $7,719. He said the additional revenue would cover the expenses incurred for the preapproved waste stream changes, which totaled approximately $4,500.00.

- Four shutdowns occurred in the last month; three were due to the rainstorm the 27th of September totaling less than 30 minutes and we were able to restart the flare remotely, the fourth was the 5th of October, flare attempted to restart but ran itself out of propane. Total downtime was 18 hours
Landfill gas methane content was measured at 35.2% during the monthly monitoring at the flare. A slight decrease from last month’s reading but expected and typical measurement during the early fall months.

Wellhead repairs were completed in September and repairs will continue as they arise. Some typical repairs include replacing flex hose connections, sample ports, valve operation and sealing for air leaks. New flexhose was purchased that is cheaper than the old version. The conversion will occur as existing flexhose deteriorates.

In September, 29,500 gallons of leachate were transported off-site for treatment.

Solar sumps are running and minor repairs are made as needed. Liquid removal is continuing and the increase in leachate/condensate transport is expected to continue.

The pump in the N/S sump is no longer adequately pumping; a replacement pump has been acquired and will be installed as soon as possible.

Mr. Gabehart informed the Committee that Mr. Henry Johnson contacted the Landfill Committee the sale of his property located immediately west of Landfill No. 2. He explained that Mr. Johnson notified the City of the potential sale to see if the Landfill Committee would be interested in purchasing the property. Mr. Gabehart stated that he would reach out to Mr. Johnson in the upcoming week to discuss further and get a list price. He said he would also include both Peoria Disposal and Waste Management in this meeting. He did point out that Mr. Johnson planned to list the property with an agent, but would report back to the Committee with his findings after their meeting. He noted that the property had abandoned underground mines and surface mines on a portion of it per the Illinois Department of Natural Resources database; however, without doing full in depth research, this would likely be a hindrance in siting a landfill on the site.

Further, Mr. Gabehart explained that the property’s value for the Committee would could serve as an additional buffer property from neighboring properties. Also, he said it could be used as a potential soil stockpile or other operational uses should the need arise in the future. Foth plans to visit the property the week of October 14, 2019, and will provide an update at the next scheduled Committee meeting.

Mr. Gabehart briefly reviewed the waste receipts for Landfill No. 2. He indicated that the tonnage volumes were still low; however, he felt that the recent changes to the preapproved waste profiles should begin to reflect some increases in the tonnage volume.

Financial Impact

Currently, the new contract for services total spent to date was 31.0% of the July 1, 2019 through June 30, 2020, contract period whereas the planned budget was projected at 29.2% complete. The attached monthly engineering services spreadsheet showed budgeted vs actual spends to date. He reiterated that the additional services were completed for changes to the preapproved waste stream list. He noted that these changes generated additional revenue within the first month to cover those expenses. At this time, he said a change order to cover the additional expenses of approximately $4,500 for work related changes and would work to minimize expenses elsewhere.

No action required.

**ITEM NO. 2:** REPORT FROM FOTH AND CITY OF PEORIA

A. REQUEST TO APPROVE THE BUDGET FOR PCCL FOR FY2020
Mr. Gabehart and Ms. Ambroso discussed the proposed budget for FY2020. Previously, a draft budget was submitted to the Committee for review and to address any questions regarding the budget. The 2018 actual revenues and expenses, 2019 budget, and 2019 year-to-date expenditures were included for reference. Following the September Committee meeting, Mr. Gabehart stated that Foth and staff had revised the projected budget based on the Committee's comments and Waste Management's projections.

As it pertained to the expenses, Mr. Gabehart noted that the operating line items were scrutinized and decreased to align with projected income while still aiming to account for the necessary monitoring, reporting, and operating of the PCCL1 post-closure care system based on the needs of the current system and in preparation for activities at PCCL3.

In addition, Mr. Gabehart said a request was being made to reauthorize the expenditure of $150,000 in funds that had been previously earmarked by the Committee for capital expenditures. He explained that these funds would be used for improvements to the gas collection and control system as required by the IEPA as part of ongoing corrective action. Foth would continue to work with City staff to find a method by which a reasonable price for contractor work can be obtained to complete the required activities, he stated.

On the revenue side, Mr. Gabehart said that waste disposal rates continued to trend downward. In recent years, he said that staff along with Foth have analyzed waste trends and consulted with Waste Management about projected receipts, which they estimate the receipts to be approximately 165,000 tons for 2020. He pointed out that this was an increase over what was presented in the September memo based on conversations with Waste Management; however, this was a significant decrease from the projected 180,000 tons for 2019. But, he felt that actual receipts were more likely to be closer to 160,000 tons based on the first half of the year.

Mr. Gabehart explained that the projected surplus of operating revenue v. expenditures for FY2020 was $5,100, plus a reduction of the capital reserve funds of $150,000 for corrective action projects. He further explained that the surplus was a result in increasing the forecast of tonnage received from 155,000 to 165,000 based on WMI projections for 2020 and a reduction of expenses from Foth line items.

Notes:
- Revenue reflects the increased LF2 host fee of $2.55 but reduced tonnage receipts
- City and County personnel costs have remained constant for 2020
- The 2020 budget includes funds for reauthorization for corrective action improvements in the vicinity of “T-line” and installation of new gas extraction well near GMD2. Historically $100,000 was approved in 2017 for the capital project for the reduction of positive gas wells and liquid management costs in the vicinity of the “T-Line”. This value has been increased to $150,000 due to additional gas well installation approved by IEPA and increased costs of the project based on current market rates.
- FY2020 budget assumes receipt of 165,000 tons in 2020, down from 180,000 tons projected in 2019. With leases and other revenue, the total revenue estimate is $446,250. Total revenues may increase if waste receipts trend higher than estimated.

"Mr. Van Winkle moved to Adopt the FY2020 Landfill Committee Budget; seconded by Mr. Bergsten."
The motion was approved by viva voce vote.

**ITEM NO. 3: REPORT FROM PUBLIC WORKS ADMINISTRATION**

A. REQUEST TO APPROVE THE BUDGET

Ms. Ambroso gave a brief overview of the financial reports for September and October 2019. She noted that the report for September was inadvertently left out of the packet. She briefly discussed the unaudited revenue and expense financial report for financial transactions occurring January through September 2019 reported on a cash basis. She provided a brief overview and analysis of the third quarter actual financial results for 2018 versus 2019. Also, a comparison of the 2019 revenues ($361,125) increased by 5.3% over the same third quarter time period in 2018, she explained. However, when comparing 2019 expenses ($273,876) for the same time period it was also higher at 8.1%, she stated. The overall net, revenue less expense, resulted in a 2.6% decrease in 2019 ($89,633 v $87,249).

Further, Ms. Ambroso noted that SBA Cell Tower payments were misapplied and would be corrected and would be reflected in the next budget report.

No action required.

**ITEM NO. 4: REPORT FROM WASTE MANAGEMENT**

A. MONTHLY ACTIVITY REPORT

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

B. PERMIT APPROVALS AS NEEDED

Mr. Johnson explained that a permit modification was submitted to the IEPA for the proposed changes to the “Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill No. 2”. He noted that the permit forms would require Chairman Morris’ signature.

Mr. Johnson gave a brief overview of the waste profiles that were submitted under the Contaminated Soil and Debris Policy for soil and debris contaminated by petroleum products or non-hazardous herbicide/pesticide. It was previously proposed that this preapproved waste stream be changed to Non-Special Contaminated Soil and Debris, he said. With the DOT construction, projects slated to begin around the Peoria area, this wording change would allow soil and debris from these DOT roadway projects to be pre-approved, he stated.

Further, Mr. Johnson stated the addition of a new category to the pre-approved list was being proposed and would be called Non-Contaminated Soil and Debris. Currently, only soil and debris contaminated with petroleum products or non-hazardous pesticide/herbicide was pre-approved and clean soil or debris needed the Committee’s approval. He noted that the addition of this category to the pre-approved list, for example, would allow non-contaminated soil and debris from various construction projects to be pre-approved.
Mr. Johnson stated that the removal of the 2000 ton volume restriction for non-special contaminated soil and debris was being proposed as well. He believed by removing the volume restriction would allow larger projects that met the approved criteria to be approved for disposal quicker and potentially reduce generators from finding other disposal sites in short order. He explained that this no volume restriction would also apply to the new Non-Contaminated Soil and Debris Policy.

Mr. Johnson explained that PCC #2 that a groundwater alternate source demonstration permit application for well G116 would be submitted to the IEPA by October 27, 2019. He further explained that the permit application was for confirmed exceedances of nitrate at groundwater well G116. He noted that an additional four quarters of monitoring would be proposed for this parameter as part of the application. Therefore, he said that Chairman Morris’ signature would be required for the permit application.

Mr. Johnson 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.

ITEM NO. 5 REPORT FROM PEORIA DISPOSAL CO.

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

Mr. Harenburg stated that Mr. Coulter could not attend the meeting today, but wanted to inform the Committee that he would be meeting with the Peoria County Board Health Committee on October 30, 2019, to discuss the Wetland Action Plan. He said that Mr. Coulter would provide an update at the next scheduled Committee meeting.

UNFINISHED BUSINESS

Item No. 1 – 2019 Update on Potential Land Use

Mr. Gabehart stated that he would provide an update at the next scheduled meeting.

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

Mr. Gabehart stated he would provide an update at the next scheduled meeting.

NEW BUSINESS

NONE.

NEXT MEETING

A Special Meeting will be held on December 4, 2019, 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 3:40 p.m.

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Chairman Stephen Morris

/ss
Peoria, Illinois December 5, 2019, a Special 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 Stephen Morris, Les Bergsten, Rick Fox, Patrick Nichting and Steve Van Winkle - 5.

MEMBERS ABSENT: Zach Oyler and Sharon Williams – 2.

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

OTHERS PRESENT: Joyce Blumenshine, Chris Coulter, Josh Gabehart, Ian Johnson 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

The minutes for October 16, 2019, would be approved at the next regularly scheduled meeting.

AGENDA ITEMS

Item No. 1: REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT

(A) Special Waste Approvals as Needed

Mr. Gabehart stated that there were (5) five non-special waste profiles (624439IL, 624539IL, 624520IL, 624665IL and 624653IL), which required the Committee’s approval. He said there were (3) three preapproved waste profiles (624170IL, 624404IL, WM010289), which were preapproved under Contaminated Soil and Debris Policy, Treated Wood Weathered Policy and Renewal of previously approved waste profile, Barge
Scrapings). He indicated that he had reached out to several Committee members prior to the meeting to obtain approvals.

1. Profile 624439IL from Illinois Department of Transportation for soil and concrete debris
2. Profile 624539IL from Illinois Air National Guard for clay and asphalt material
3. Profile 624520IL from OSF Ministry HQ for paint chips/rust
4. Profile 624653IL from Corbion Biotech for Monoammonium Phosphate
5. Profile 624665IL from Rivian Automotive LLC., for Petroleum Contaminated Soil
6. Profile 624170IL from Caterpillar Peoria Proving Grounds was pre-approved per the Landfill Committee’s Contaminated Soil and Debris Policy
7. Profile 624404IL from Chuck Haas was pre-approved per the Landfill Committee’s Treated Wood Weathered Policy.
8. Profile WM 010289 from Artco Fleeting Services is a renewal of a previously approved waste profile and is pre-approved per the “Procedures for the General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill No. 2”.

Due to the changes to the pre-approval list that was recently approved by the Committee, Mr. Gabehart noted that approximately 19,000 tons would be received from these approved waste streams and approximately $50,000 would be generated in host fees.

In discussion with Chairman Morris regarding the increased tonnage, Mr. Johnson stated that he felt that the Committee should begin to see a significant increase because the modification would allow Waste Management to be more competitive and securing jobs.

In discussion with Mr. Fox regarding the renewal of the pre-approved special waste profile, Mr. Gabehart stated that the waste profile was pre-approved by the Committee five years ago. If the Committee had previously approved the profile, then as part of the preapproval process the profile would be renewed every five years. Mr. Gabehart stated that the approval was for barge scrapings.

Based on the information provided, Foth has no technical objections for acceptance of the waste stream listed above.

Mr. Nichting moved to approve the five (5) non-special waste profiles (624439IL, 624539IL, 624520IL, 624665IL and 624653IL) and to receive and file (3) three pre-approved waste profiles (624170IL, 624404IL and WM010289); seconded by Mr. Van Winkle.

The motion was approved by viva voce vote.

(B) PERMIT APPROVALS AS NEEDED

- PCC LF1 – 405 CAAPP Form for a flare shutdown on November 1, 2019, that exceeded one hour
Mr. Gabehart provided background information about the permit approvals. He explained that the Corrective Action Update Report was required to be submitted to the Illinois Environmental Protection Agency (IEPA) on an annual basis as stated in condition VIII.(2) of the facility’s permit. This condition required the following:

- A thorough discussion of groundwater concentration results at wells G04S and R10S;
- A thorough discussion on the landfill gas headspace monitoring results for wells G03S, G04S, G05S, R10S, G25S, and G26S;
- A thorough discussion on the operation of the flare;
- A thorough discussion on the ongoing repairs, maintenance and upgrades of the GCCS; and;
- If concentrations of 1,1-dichloroethane, cis-1,2-dichloroethylene, and acetone at G04S and 1-dichloroethane and cis-1,2-dichloroethylylene at R10S have not decreased by January 15, 2018, additional corrective action will be proposed.

Further, Mr. Gabehart stated that when the flare shutdown exceeded a one-hour period it would require a 405-CAAPP form to be submitted to the IEPA Division of Air. He noted that a shutdown occurred on November 1, 2019, which exceeded a one hour period. The shutdown lasted for 12 hours and 57 minutes. He said the flame went out and a fault in the PLC would not allow the flare to relight. He explained that the vendor was notified and the PLC fault was corrected when the vendor was available. He further explained the shutdown control equipment operated as designed, automatically shutting down the flow of landfill gas to the flare. There were no landfill gas emissions into the air during this shutdown as per system design, he said.

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

Mr. Van Winkle moved to approve securing Chairman Morris’ signature for the Corrective Action Update Report and the 405 CAAPP form and on additional permits, should the need arise; seconded by Mr. Bergsten.

The motion was approved by viva voce vote.

(C) UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES & PROGRESS

- **Financial Information**

Mr. Gabehart outlined the engineering services provided from October 31, 2019. He stated that the total amount billed to-date was $130,264.91. At this time, he said Foth was slightly above their planned expenses due to additional efforts to expand the preapproved waste streams and unplanned repairs/replacements of two (2) pumps at PCCL1.

Mr. Gabehart pointed out that November and December efforts were significantly reduced with submittal due dates and weather limiting required activities at PCCL1.
Further, Mr. Gabehart discussed the recent addition to the preapproved waste streams provided an opportunity for Waste Management to secure additional waste profiles as outlined in the additional memo to the Committee this month. He said the increased waste profiles estimated nearly 18,500 tons over a three to nine month period being disposed of at PCCL2. The estimated host fee revenue generated by these profiles is $46,000, he stated. He noted that the tonnage increase was a direct impact of the preapproved waste streams. Basically, this doubled in one month, he said.

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

- A shutdown occurred due to a faulty PLC which, would not allow the flare to relight. The PLC fault was corrected and the flare is operating as intended. The signature approval memo outlines this shutdown which lasted longer than an hour requiring notification to IEPA via the 405-CAAPP form.
- Landfill gas methane content was measured at 38% during the monthly monitoring at the flare. A slight increase from last month’s reading but expected and typical measurement during the early fall months.
- Wellhead repairs were completed in October and November 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 October/November, 24,800 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.
- Winterization of the solar pumps began in late October and November
- Monthly tonnages report an increase to waste receipts in October due to additional waste profiles. The attached table and chart shows the uptick in tonnage.

Currently, the new contract for services to date totaled 38.6% of the July 1, 2019 through June 30, 2020 contract whereas the planned budget expenses are projected at 36.1% complete. He reviewed the monthly engineering services spreadsheet, which showed budgeted vs actual expenses to date. He reiterated that the additional services were required to review the additional waste streams, but this has also generated additional revenue during the month that covered these expenses.

No action required.

Mr. Fox questioned if the packet could be reformatted. He suggested that the backup for the waste profiles be moved to the end of packet instead of being in the middle. He noted that this would eliminate scrolling through these documents to the next agenda item. The Committee had no objections to this request.

The Committee concurred.

**ITEM NO. 2  RECEIVE AND FILE MONTHLY FINANCIAL REPORT**

Ms. Ambroso gave a brief overview of the proposed budget. She briefly reviewed the expenses from January 1, 2019 through October 30, 2019. October expenses included
the annual audit amount of $2,500, and the City’s reimbursement amount of $76,000. The County’s reimbursement amount would be included in the November’s reported expenses.

Both current year revenues and current year expenses for the same period of January – October are increased over 2018 amounts. However, the inverse favorable/unsatisfactory relationship exist. Increased revenue in 2019 of $401,346 versus $379,379 in 2018 results in a negative 5.79%, favorable for revenue; while increased expenses in 2019 of $383,566 versus $286,560 in 2018 results in a negative 33.85%, unfavorable for expenses. The ending cash balance was $378,403.56.

No action required.

ITEM NO. 3 REPORT FROM WASTE MANAGEMENT

A. MONTHLY ACTIVITY REPORT

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

B. PERMIT APPROVALS AS NEEDED

We are requesting Mr. Morris’ signature on the following regulatory submittals, subject to review and approval in advance by Foth:

A. 2019 Air Emission Report. This report summarizes air emissions from the two landfills, two utility flares, traffic on paved and unpaved roads, gasoline tank, and soil stockpiles for both PCCL #1 and PCCL #2. Foth prepares the emissions for the PCC#1 site and forwards to WM for incorporation into the final report. This report is required by the site’s Title V air permit and is due on May 1st each year.

B. 2020 Closure/Post Closure Cost Estimate Update for LF#2. This submittal is required by the PCCL #2 IEPA operating permit. This application updates the costs to properly cap and seed the landfill, install the remainder of the gas collection system, complete all miscellaneous surface water work, perform surveys, and make all notifications/filings during final landfill closure. In addition, the costs to take care of the site during the 30-year post-closure term are updated annually for inflation.

C. 2019 Annual IEPA Landfill Capacity Certification for LF#2. This report summarizes the amount of airspace remaining at the PCC#2 landfill as of January 1, 2020. Calculations for the remaining airspace are based upon 2019 incoming tonnages and waste densities. This report is due March 31st each year.

Mr. Johnson 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.

In discussion with Mr. Nichting regarding the closure of Landfill No. 2, Mr. Johnson was unclear on the exact closure date, but believed it would be around 2023-2024.

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. Bergsten.

In discussion with Mr. Van Winkle regarding structural issues that pertained to the dam, Mr. Johnson stated that there have been no changes to the road.

Motion to approve Waste Management’s report and securing Chairman Morris’ signature for permits, subject to review and approval in advance by Foth was approved by viva voce vote.

**ITEM NO. 4 REPORT FROM PEORIA DISPOSAL CO.**

A. UPDATE REGARDING MEETING WITH U.S. ARMY CORPS OF ENGINEERS (USACE) REGARDING THE CONCEPTUAL LAKE REHABILITATION & WETLAND ENHANCEMENT PROJECT PLAN

B. UPDATE ON PDC TECHNICAL SERVICES’ PLAN TO SCHEDULE A MEETING WITH THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR)

Mr. Coulter discussed the meeting with USACE and the IDNR. He said his team met with the USACE in November to discuss the wetland mitigation project and other unrelated issues. He said he felt the meeting was very positive and the concept was well received. Due to the flooding this year along with other similar sites, he stated that USACE was receptive to performing the wetland mitigation project on site.

Mr. Coulter stated that he and Mr. Gabehart met with USACE this morning to walk through the proposed site.

In discussion with Chairman Morris regarding the next steps for the project, Mr. Coulter explained that they would follow the same approach for the permit modification used for Vicary Bottoms. At some point, he said there would be a public meeting. He said this was the same process for Vicary Bottoms. He anticipated that PDC would submit their proposal to the USACE in the first quarter of 2020. He said PDC would meet with the IDNR first. Contingent upon their approval, he said he would move forward with filing the modified permit modification with the USACE.

Mr. Coulter distributed an article entitled, *Unknown Risk for State Dam Conditions*.

Mr. Coulter explained that they would retain a consultant that had experience with dam issues and the IDNR to join their team before a meeting would be scheduled with Mr. Mauer. He anticipated that the meeting would be scheduled mid-January or early March. Mr. Fox requested that PDC would provide a memorandum to be included in the monthly packet. He felt that this would give the Committee an opportunity to review and to ask questions, if needed.
**NEXT MEETING**

The next scheduled meeting will be held on Wednesday, January 15, 2020.

**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 3:25 p.m.

__________________________________  
Stephen Morris, Chairman

/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: January 15, 2020

ACTION REQUESTED: Receive and file six pre-approved waste profiles (624756IL, 624972IL, 624973IL, 624974IL, 624981IL and 625003IL)

BACKGROUND:
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

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
January 15, 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 pre-approved waste streams.

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

- Illinois Civil Contractors, East Peoria, IL, Profile 624756IL
  - Treated Wood-Weathered Policy
  - 14 yards, one time
  - Estimated Host Fee - $53.55
- East Peoria Community High School, East Peoria, IL, Profile 624972IL
  - Asbestos Containing Material Policy
  - 1 ton, one time
  - Estimated Host Fee - < $10
- Lance Camp, Atkinson, IL, Profile 624973IL
  - Asbestos Containing Material Policy
  - 4 tons, one time
  - Estimated Host Fee - $10.20
- Knox Co Nursing Home, Knoxville, IL, Profile 624974IL
  - Asbestos Containing Material Policy
  - 90 yards, one time.
  - Estimated Host Fee - $344.25
- Northbridge Investment Management, Peoria, IL, Profile 624981IL
  - Asbestos Containing Material Policy
  - 60 yards, one time
  - Estimated Host Fee - $229.50
- OSF Ministry HQ, Peoria, IL, Profile 625003IL
  - Sandblast Grit Policy
- 20 yards, one time
- Estimated Host Fee - $ 76.50

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.
Waste Profile:  624756IL

Source:  Illinois Civil Contractors, Inc
A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Illinois Civil Contractors, Inc.
2. Site Address: 420 Pinecrest Drive
   (City, State, ZIP) East Peoria IL 61611
3. County: Tazewell
4. Contact Name: Scott Reeise
5. Email: sreeise@ilcivil.com
6. Phone: (309) 694-4224
7. Fax: 
8. Generator EPA ID: N/A
9. State ID: N/A

C. MATERIAL INFORMATION
1. Common Name: Treated Wood - Weathered
   Description: Demolition/dismantling uncontaminated, weathered wood products with preservatives that are not RCRA Exempt (e.g. creosote, pentachlorophenol).
2. Material Composition and Contaminants: N/A
3. State Waste Codes: N/A
4. Color: Various
5. Physical State at 70°F: Solid
6. Free Liquid Range Percentage: N/A
7. pH: N/A
8. Strong Odor: Yes
9. Flash Point: N/A

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached Yes*
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: 14
   a. Tons
   b. Yards
   c. Drums
   d. Gallons
   e. Other: Tandem
3. Container Type and Size: Tandem
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): Scott Reeise Date: 12/16/2019
Title: Project Manager
Company: Illinois Civil Contractors, Inc

CERTIFICATION SIGNATURE

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE
THINK GREEN!

Revised June 30, 2015
©2015 Waste Management
Waste Profile: 624972IL

Source: East Peoria Community High School
**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

1. Generator Name: East Peoria Community High School
2. Site Address: 1401 East Washington St. (City, State, ZIP) East Peoria, IL 61611
3. County: Tazewell
4. Contact Name: Jim Booth
5. Email: jbooth@ep309.org
6. Phone: (309) 698-7105
7. Fax: (309) 694-8322
8. Generator EPA ID: N/A
9. State ID: N/A

**C. MATERIAL INFORMATION**

1. Common Name: Asbestos-Non-Friable
   
   Description: Processing generating material: See Attached
   
   Removal of uncontaminated, non-regulated, non-friable asbestos from Demolition/renovation - when dry cannot be crumbled, pulverized or reduced to powder by hand pressure. Specific to gaskets, resilient floor coverings and asphalt roofing
   
2. Material Composition and Contaminants:
   
   1. Non-Friable Asbestos (Uncontaminated) 0-100 %
   2. Mastic 40 %
   3. Green
   4. Total comp. must be equal to or greater than 100% ≥100%
   3. State Waste Codes: N/A
   4. Color: green
   5. Physical State at 70°F: Solid Liquid Other: N/A
   6. Free Liquid Range Percentage: N/A
   7. pH: N/A
   8. Strong Odor: Yes No Describe: N/A
   9. Flash Point: <140°F 140°–199°F ≥200° N/A

**E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION**

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

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

By signing this EZ Profile™ form, I hereby certify that all information submitted in 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): Jim Booth Date: 12/31/2019

Title: Director of maintenance

Company: East Peoria Community High School

**F. SHIPPING AND DOT INFORMATION**

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

**B. BILLING INFORMATION**

1. Billing Name: East Peoria Community High School
2. Billing Address: 1401 East Washington St. (City, State, ZIP) East Peoria, IL 61611
3. Contact Name: Jim Booth
4. Email: jbooth@ep309.org
5. Phone: (309) 698-7105
6. Fax: (309) 694-8322
7. WM Hauled: Yes No
8. P.O. Number: N/A
9. Payment Method: Credit Account Cash Credit Card

**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 GGGG? Yes No
7. CERCLA or State-mandated clean-up? Yes No
8. NRC or State-regulated radioactive or NORM waste? Yes No
9. EAPs? Yes No
10. Regulated and/or Untreated Medical/Infectious Waste? Yes No
11. Contains Asbestos? Yes No

**Partially completed EAPs:**

- Yes
- No

**Certification Signature**

[Signature]

Revised June 30, 2015

©2015 Waste Management
## C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

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<th>Material Composition and Contaminants (Continued from page 1):</th>
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Total composition must be equal to or greater than 100% \( \geq 100\% \)

## 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)?
     - Yes
     - No
   - d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?
     - Yes
     - No
     - If Yes, please check one of the following:
       - If waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
       - If 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**
   - Delisted Hazardous Waste
   - Excluded Waste under 40 CFR 261.4
   - Specify Exclusion:
   - Treated Hazardous Waste Debris
   - Treated Characteristic Hazardous Waste
   - If checked, complete question 4.

4. **Underlying Hazardous Constituents**
   - Please list all Underlying Hazardous Constituents:
   
5. **Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.**
   - a. Are you a TSDF?
     - Yes
     - No
   - b. Does this material contain benzene?
     - Yes
     - No
   - c. What is your facility’s current total annual benzene quantity in Megagrams?
     - <1 Mg
     - 1–9.99 Mg
     - \( \geq \)10 Mg
     - Yes
     - No
   - d. Is this waste soil from a remediation?
     - Yes
     - No
     - If yes, what is the benzene concentration in remediation waste? ppmw
     - 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
     - If yes, specify exemption:
     - 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: __________________________
Non-Hazardous WAM Approval

Requested Management Facility: Peoria City - County Landfill

Profile Number: 6249721L  Waste Acceptance Expiration Date: 12/31/2020
Common Name: Asbestos-Non-Friable  WM Regulatory Volume Limit: NA

Waste Approval Manager: Andrew Argona  Date: 12/31/2019

APPROVAL DETAILS
Approval Decision: Yes  Profile Renewal: No
Management Method: Direct Landfill - Asbestos
Generator Name: East Peoria Community High School
Profile Expiration Date: 12/31/2020
Periodic Testing Due Date: NA
Other Due Date: NA

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

**Generator Conditions**
- Shall not contain free liquids.
- The waste profile number must appear on the shipping papers.

Pre approved waste - Asbestos
Andrew Argona [12/31/2019]:
Burial 13 (MSW Asbestos) - non friable

**Facility Conditions**
- Potential dust hazard
Waste Profile:  624973IL

Source:  Lance Camp
**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

1. Generator Name: **Lance Camp**
2. Site Address: **21700 County Highway**
   (City, State, ZIP) **Atkinson IL 61235**
3. County: **Henry**
4. Contact Name: **Joseph Sieg**
5. Email: **Extremehomeimprovementpeoria@yahoo.com**
6. Phone: **(309) 228-7663**
7. Fax: 
8. Generator EPA ID: 
   ✔ N/A
9. State ID: 
   ✔ N/A

**C. MATERIAL INFORMATION**

1. Common Name: **Non-Friable Asbestos**

   **Describe Process Generating Material:**
   - See Attached
   - Removal of uncontaminated, non-regulated, non-friable asbestos from
     Demolition/renovation - when dry, cannot be crumbled, pulverized or
     reduced to powder by hand pressure. Specific to gaskets, resilient floor
     coverings and asphalt roofing

2. Material Composition and Contaminants:
   - See Attached

<table>
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<tr>
<th>1. Non-Friable Asbestos (Uncontaminated)</th>
<th>0-100 %</th>
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<td>Total comp. must be equal to or greater than 100%</td>
<td>≥100%</td>
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</table>

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
9. Flash Point: ✔ <140°F ✔ 140°F–199°F ✔ ≥200°F ✔ N/A

**E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION**

1. Analytical attached: ✔ Yes

   Please identify applicable samples and/or lab reports:

   

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

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

By signing 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):** **Joseph Sieg**

**Title:** Owner

**Company:** Extreme Exteriors

**Certification Signature**

---

**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE**

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**B. BILLING INFORMATION**

**SPECIAL REMARKS**

**SAME AS GENERATOR**

1. Billing Name: **Extreme Home Improvement**
2. Billing Address: **16101 W Farmington Rd**
   (City, State, ZIP) **Trivoli IL 61569**
3. Contact Name: **Joseph Sieg**
4. Email: **Extremehomeimprovementpeoria@yahoo.com**
5. Phone: **(309) 228-7663**
6. Fax: 
7. WM Hauled?: ✔ Yes ✔ No
8. P.O. Number: 
9. Payment Method: ✔ Credit Account ✔ Cash ✔ Credit Card

**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?: ✔ 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
   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

**F. SHIPPING AND DOT INFORMATION**

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

**REVISED JUNE 30, 2015**
### C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

products (specify in C.2.) DOES NOT include clean-up wastes, such as, soils that are contaminated with asbestos, lead-based painted debris, liquids and PCB containing building materials such as caulk/glaze/mastic/galbestos.

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

   → If Yes, please check one of the following:
     - 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
   - Specify Exclusion: 
   - Treated Hazardous Waste Debris
   - Treated Characteristic Hazardous Waste

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

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

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

   c. What is your facility’s current total annual benzene quantity in Megagrams?
   - <1 Mg
   - 1 – 9.99 Mg
   - ≥10 Mg

   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: 

---

**THINK GREEN!**

**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE**

**Revised June 30, 2015**

©2015 Waste Management
Waste Profile:  624974IL

Source:  Knox County Nursing Home
A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Knox Co. Nursing Home
2. Site Address: 800 North Market Street
   (City, State, ZIP) Knoxville IL 61448
3. County: Knox
4. Contact Name: Jennifer Dunk
5. Phone: (309) 289-2338
6. Phone: (309) 289-2338
7. Fax: 
8. Generator EPA ID: N/A
9. State ID: N/A

B. BILLING INFORMATION

1. Billing Name: Schemel Companies
2. Billing Address: 3966 PCR 806
   (City, State, ZIP) Perryville MO 63775
3. Contact Name: Jake Dudenhoeffer
4. Email: jake@schemelcompanies.com
5. Phone: (573) 547-2558
6. Fax: 
7. WM Hauled? Yes
8. P.O. Number: 1
9. Payment Method: Credit Account

C. MATERIAL INFORMATION

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

D. REGULATORY INFORMATION

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

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: 90
   - Tons Yards Gallons Other:
3. Container Type and Size: 30 YRD
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): Jake Dudenhoeffer Date: 12/31/2019
Title: project manager
Company: Schemel Companies

Certification Signature

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

THINK GREEN!

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Revised June 30, 2015
Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

products (specify in C.2.) DOES NOT include clean-up wastes, such as, soils that are contaminated with asbestos, lead-based painted debris, liquids and PCB containing building materials such as caulk/glaze/mastic/galbestos.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5. 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)? □ Yes □ No
      → 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
   → If checked, complete question 4.

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? □ Yes □ No
      → If yes, complete Benzene NESHAP questionnaire. If not, continue.
   b. Does this material contain benzene?
      □ Yes □ No
      → 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
      → If yes, what is the benzene concentration in remediation waste? ppmw
   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
      → If yes, specify exemption:
   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:
Non-Hazardous WAM Approval

Requested Management Facility: Peoria City - County Landfill

Profile Number: 624974IL  Waste Acceptance Expiration Date: 12/31/2020
Common Name: Asbestos-Non-Friable  WM Regulatory Volume Limit: ☐ NA

APPROVAL DETAILS

Approval Decision: ☐ Approved  ☐ Not Approved  Profile Renewal: ☐ Yes  ☐ No
Management Method: Direct Landfill - Asbestos
Generator Name: Knox Co. Nursing Home
Profile Expiration Date: 12/31/2020
Periodic Testing Due Date: ☐ NA
Other Due Date: ☐ NA  (Specify) ☐ NA

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

Generator Conditions
- Shall not contain free liquids.
- The waste profile number must appear on the shipping papers.

Preapproved waste - Asbestos
Andrew Argona [12/31/2019]:
Burial 13 (MSW Asbestos) - non friable

WM Authorization Name: Andrew Argona  Title: Waste Approval Manager
WM Authorization Signature: Andrew Argona  Date: 12/31/2019
Agency Authorization (if Required):  Date: ________________________

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE
Waste Profile: 624981IL

Source: Northbridge Investment Management
A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: Northbridge Investment Management
2. Site Address: 4125 N. Sheridan Rd
   (City, State, ZIP) Peoria IL 61614
3. County: Peoria
4. Contact Name: Alec St. Louis
5. Email: alec@northbridgeim.com
6. Phone: (416) 306-8785
7. Fax: 
8. Generator EPA ID: N/A
9. State ID: N/A

C. MATERIAL INFORMATION
1. Common Name: Asbestos-Non-Friable
   Describe Process Generating Material: See Attached
   Removal of uncontaminated, non-regulated, non-friable asbestos from Demolition/renovation - when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure. Specific to gaskets, resilient floor coverings and asphalt roofing
2. Material Composition and Contaminants:
   1. Non-Friable Asbestos (Uncontaminated) 0-100 %
   2. 
   3. 
   4. 
   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: N/A
7. pH: N/A
8. Strong Odor: Yes No Describe: 
9. Flash Point: <140°F 140°-199°F ≥200° N/A

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

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)
By signing 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): Ryan Allen Date: 01/02/2020
Title: Project Manager
Company: SSI Services, LLC

F. SHIPPING AND DOT INFORMATION
1. One-Time Event Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 60 tons yards drums gallons other:
3. Container Type and Size: 30 yard roll off
4. USDOT Proper Shipping Name: N/A
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. 
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
   If checked, complete question 4.

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?
      If yes, what is the flow weighted average concentration? ppmw
      ☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

   c. What is your facility’s current total annual benzene quantity in Megagrams?
      ☐ Yes ☐ No

   d. Is this waste soil from a remediation?
      If yes, what is the benzene concentration in remediation waste? ppmw
      ☐ 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?
      If yes, specify exemption:

   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 V0HAPs 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:
Waste Profile: 625003IL

Source: OSF Ministry HQ
### A. GENERATOR INFORMATION (MATERIAL ORIGIN)
1. Generator Name: OSF Ministry HQ
2. Site Address: 124 SW Adams Street
   (City, State, ZIP) Peoria IL 61602
3. County: Peoria
4. Contact Name: Nancy Weyh
5. Email: enwasteinc@aol.com
6. Phone: (310) 439-0039
7. Fax: ____________
8. Generator EPA ID: ____________
9. State ID: 1430655287

### B. BILLING INFORMATION
1. Billing Name: ENWASTE
2. Billing Address: 6360 W. Emerald Parkway #100
   (City, State, ZIP) Monree IL 60449
3. Contact Name: Nancy Weyh
4. Email: enwasteinc@aol.com
5. Phone: (708) 534-5100
6. Fax: ____________
7. WM Hauled? ☑️ Yes  ☐ No
8. P.O. Number: ____________
9. Payment Method: ☑️ Credit Account  ☐ Cash  ☑️ Credit Card

### C. MATERIAL INFORMATION
1. Common Name: Sandblast Grit
   Describe Process Generating Material: ☑️ See Attached
   Exterior surface blasting to remove paint/rust from structures. MSDS for sandblast media is attached.
   
2. Material Composition and Contaminants: ☑️ See Attached
   1. Sandblast media, solids (paint chips/rust) 100 %
   2. 
   3. 
   4. 
   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
   Code: ________
2. State Hazardous Waste? ☑️ Yes*  ☐ No
   Code: ________
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, see Addendum (page 2) for additional questions and space.

### E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION
1. Analytical attached ☑️ Yes
2. Other information attached (such as MSDS)? ☑️ Yes
   
First Environmental Laboratories, Inc. 19-7863-001

### F. SHIPPING AND DOT INFORMATION
1. 1. One-Time Event □ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 20
   ☑️ Tons  ☑️ Yards  ☑️ Drums  ☑️ Gallons  ☑️ Other: ________
3. Container Type and Size: 10 cy
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): Nancy Weyh  Date: 01/06/2020
Title: manager
Company: Enwaste

Certification Signature

---

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

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Revised June 30, 2015
F. Additional Waste Stream Information

Profile Number: 625003IL

Generators Name: OSF Ministry HQ

Generators SITE Address: 124 SW Adams Street Peoria IL 61602
(The location where the waste is generated)

Waste Name: Sandblast Grit

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) Nancy Weyh  
Title: manager

Signature: __________________________________________________________________________  
Date: 01/06/2020
January 06, 2020

Mr. Nick Harrington  
VALOR TECHNOLOGIES, INC.  
3 Northpoint Ct.  
Bolingbrook, IL 60440

Project ID: OSF Ministry HQ 8001  
First Environmental File ID: 19-7863  
Date Received: December 30, 2019

Dear Mr. Nick Harrington:

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

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 1002922019-1: effective 08/22/2019 through 02/28/2020.

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

Sincerely,

Ryan Gerrick  
Project Manager
Case Narrative

VALOR TECHNOLOGIES, INC.  
Project ID:  OSF Ministry HQ 8001

Lab File ID: 19-7863  
Date Received: December 30, 2019

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

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

<table>
<thead>
<tr>
<th>Laboratory Sample ID</th>
<th>Client Sample Identifier</th>
<th>Date/Time Collected</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-7863-001</td>
<td>Blasting Media Debris</td>
<td>12/27/2019</td>
</tr>
</tbody>
</table>

Sample Batch Comments:

Time of sample collection was not provided.
Case Narrative

VALOR TECHNOLOGIES, INC.
Lab File ID: 19-7863
Project ID: OSF Ministry HQ 8001
Date Received: December 30, 2019

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

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

<table>
<thead>
<tr>
<th>Flag</th>
<th>Description</th>
<th>Flag</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Analyte was found in the method blank.</td>
<td>L</td>
<td>LCS recovery outside control limits.</td>
</tr>
<tr>
<td>&lt;</td>
<td>Analyte not detected at or above the reporting limit.</td>
<td>M</td>
<td>MS recovery outside control limits; LCS acceptable.</td>
</tr>
<tr>
<td>C</td>
<td>Sample received in an improper container for this test.</td>
<td>P</td>
<td>Chemical preservation pH adjusted in lab.</td>
</tr>
<tr>
<td>D</td>
<td>Surrogates diluted out; recovery not available.</td>
<td>Q</td>
<td>Result was determined by a GC/MS database search.</td>
</tr>
<tr>
<td>E</td>
<td>Estimated result; concentration exceeds calibration range.</td>
<td>S</td>
<td>Analysis was subcontracted to another laboratory.</td>
</tr>
<tr>
<td>G</td>
<td>Surrogate recovery outside control limits.</td>
<td>T</td>
<td>Result is less than three times the MDL value.</td>
</tr>
<tr>
<td>H</td>
<td>Analysis or extraction holding time exceeded.</td>
<td>W</td>
<td>Reporting limit elevated due to sample matrix.</td>
</tr>
<tr>
<td>J</td>
<td>Estimated result; concentration is less than routine RL but greater than MDL.</td>
<td>N</td>
<td>Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.</td>
</tr>
<tr>
<td>RL</td>
<td>Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)</td>
<td>ND</td>
<td>Analyte was not detected using a library search routine; No calibration standard was analyzed.</td>
</tr>
</tbody>
</table>
# Analytical Report

Client: VALOR TECHNOLOGIES, INC.  
Date Collected: 12/27/19  
Project ID: OSF Ministry HQ 8001  
Time Collected:  
Sample ID: Blasting Media Debris  
Date Received: 12/30/19  
Sample No: 19-7863-001  
Date Reported: 01/06/20

<table>
<thead>
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<th>Analyte</th>
<th>Result</th>
<th>R.L.</th>
<th>Units</th>
<th>Flags</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TCLP Extraction</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis Date: 12/30/19</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TCLP Extraction</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TCLP Metals Method 1311</strong></td>
<td>Method: 6010C</td>
<td>Preparation Method: 3010A</td>
<td>Preparation Date: 01/02/20</td>
<td></td>
</tr>
<tr>
<td>Analysis Date: 01/03/20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arsenic</td>
<td>&lt; 0.010</td>
<td>0.010</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td>Barium</td>
<td>&lt; 1.0</td>
<td>1.0</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td>Cadmium</td>
<td>&lt; 0.005</td>
<td>0.005</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td>Chromium</td>
<td>0.065</td>
<td>0.005</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>&lt; 0.005</td>
<td>0.005</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td>Selenium</td>
<td>&lt; 0.010</td>
<td>0.010</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td>Silver</td>
<td>&lt; 0.005</td>
<td>0.005</td>
<td>mg/L</td>
<td></td>
</tr>
<tr>
<td><strong>TCLP Mercury Method 1311</strong></td>
<td>Method: 7470A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Analysis Date: 01/03/20</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mercury</td>
<td>&lt; 0.0005</td>
<td>0.0005</td>
<td>mg/L</td>
<td></td>
</tr>
</tbody>
</table>
1. Product and Company Identification

Material name: THE ORIGINAL BLACK BEAUTY®
Version #: 01
Issue date: 11-30-2012
Revision date: -
Supersedes date: -
CAS #: 68476-96-0
Product code: Slag, coal
Product use: Abrasives and Roofing Products and Other Aggregate Uses.
Manufacturer/Supplier: Harsco
P.O. Box 0515, Camp Hill, PA 17001-0515
reedcs@harsco.com
Contact Person: Steve Stanislawczyk
717-506-4666
Emergency: 855-393-9889
Access code 13793

2. Hazards Identification

Physical state: Solid.
Appearance: Black granular solid.
Emergency overview: WARNING
Abrasive blasting agents may cause inflammation and pulmonary fibrosis. Dust may irritate the respiratory tract, skin and eyes.

OSHA regulatory status: This product is hazardous according to OSHA 29 CFR 1910.1200.

Potential health effects:
Routes of exposure: Inhalation. Eye contact. Skin contact.
Eyes: Dust in the eyes will cause irritation. May cause redness and pain.
Skin: Dust may irritate skin.
Inhalation: Abrasive blasting agents may cause inflammation and pulmonary fibrosis. Dust may irritate throat and respiratory system and cause coughing.
Ingestion: Ingestion of dusts generated during working operations may cause nausea and vomiting.
Target organs: Eyes. Respiratory system.
Chronic effects: Frequent inhalation of fume/dust over a long period of time increases the risk of developing lung diseases.
Signs and symptoms: Irritation of nose and throat. Irritation of eyes and mucous membranes.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal, slag</td>
<td>68476-96-0</td>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Constituents</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon dioxide</td>
<td>7631-86-9</td>
<td>41-53</td>
</tr>
<tr>
<td>Iron oxide</td>
<td>1309-37-1</td>
<td>7-31</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>17-25</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>1305-78-8</td>
<td>3-15</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>1309-48-4</td>
<td>0-4</td>
</tr>
<tr>
<td>Potassium Oxide</td>
<td>12136-45-7</td>
<td>0-3</td>
</tr>
<tr>
<td>Constituents</td>
<td>CAS #</td>
<td>Percent</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------</td>
<td>---------</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0-2</td>
</tr>
<tr>
<td>Silicon dioxide, crystalline</td>
<td>14808-60-7</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Manganese</td>
<td>7439-96-5</td>
<td>0-0.05</td>
</tr>
<tr>
<td>Beryllium</td>
<td>7440-41-7</td>
<td>0-0.001</td>
</tr>
<tr>
<td>Cadmium</td>
<td>7440-43-9</td>
<td>0-0.001</td>
</tr>
</tbody>
</table>

**Composition comments**

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

### 4. First Aid Measures

**First aid procedures**

**Eye contact**

Do not rub eyes. Remove any contact lenses. Flush eyes thoroughly with water, taking care to rinse under eyelids. If irritation persists, continue flushing for 15 minutes, rinsing from time to time under eyelids. If discomfort continues, consult a physician.

**Skin contact**

Contact with dust: Wash with soap and water. Get medical attention if irritation develops or persists.

**Inhalation**

Move to fresh air. Get medical attention if discomfort persists.

**Ingestion**

Rinse mouth thoroughly if dust is ingested. Do not induce vomiting. Get medical attention if any discomfort continues.

**Notes to physician**

Treat symptomatically.

**General advice**

Show this safety data sheet to the doctor in attendance.

### 5. Fire Fighting Measures

**Flammable properties**

The product is non-combustible.

**Extinguishing media**

- **Suitable extinguishing media**
  - Use fire-extinguishing media appropriate for surrounding materials.
- **Unsuitable extinguishing media**
  - None known.

**Protection of firefighters**

- **Specific hazards arising from the chemical**
  - None known.
- **Protective equipment and precautions for firefighters**
  - Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**

Move container from fire area if it can be done without risk. Cool containers with flooding quantities of water until well after fire is out.

### 6. Accidental Release Measures

**Personal precautions**

Avoid generation and spreading of dust. Avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing. Use personal protection recommended in Section 8 of the MSDS.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

**Methods for containment**

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

**Methods for cleaning up**

Collect dust using a vacuum cleaner equipped with HEPA filter. If not possible, gently moisten dust with water fog before it is collected with shovel, broom or the like. Avoid dust formation. After removal flush contaminated area thoroughly with water.

**Other information**

Never return spills to original containers for re-use.

**Clean up in accordance with all applicable regulations.**

### 7. Handling and Storage

**Handling**

Avoid inhalation of dust and contact with skin and eyes. Use only with adequate ventilation. Use work methods which minimize dust production. Keep the workplace clean. Observe good industrial hygiene practices.

**Storage**

Keep container tightly closed. Store away from incompatible materials.
### 8. Exposure Controls / Personal Protection

#### Occupational exposure limits

**US. ACGIH Threshold Limit Values**

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium (CAS 7440-41-7)</td>
<td>TWA</td>
<td>0.00005 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Cadmium (CAS 7440-43-9)</td>
<td>TWA</td>
<td>0.01 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.002 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silicon dioxide, crystalline (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Calcium oxide (CAS 1305-78-8)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Magnesium oxide (CAS 1309-48-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Inhalable fraction.</td>
</tr>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Iron oxide (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium (CAS 7440-43-9)</td>
<td>TWA</td>
<td>0.005 mg/m³</td>
</tr>
</tbody>
</table>

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>Ceiling</td>
<td>5 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Calcium oxide (CAS 1305-78-8)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Magnesium oxide (CAS 1309-48-4)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total particulate.</td>
</tr>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Iron oxide (CAS 1309-37-1)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

**US. OSHA Table Z-2 (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium (CAS 7440-41-7)</td>
<td>Ceiling</td>
<td>0.005 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.002 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Cadmium (CAS 7440-43-9)</td>
<td>Ceiling</td>
<td>0.6 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.3 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.2 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.1 mg/m³</td>
<td>Fume.</td>
</tr>
</tbody>
</table>

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon dioxide, crystalline (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.3 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.4 mppcf</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Silicon dioxide (CAS 7631-86-9)</td>
<td>TWA</td>
<td>0.8 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 mppcf</td>
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</tr>
</tbody>
</table>
### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium</td>
<td>STEL</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.002 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Cadmium</td>
<td>TWA</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manganese</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silicon dioxide, crystalline</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Iron oxide</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

### Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium</td>
<td>STEL</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.002 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Cadmium</td>
<td>TWA</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manganese</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silicon dioxide, crystalline</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Calcium oxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Respirable dust and/or fume.</td>
</tr>
<tr>
<td>Iron oxide</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>TWA</td>
<td>4 mg/m³</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.5 mg/m³</td>
<td>Respirable.</td>
</tr>
</tbody>
</table>

### Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium</td>
<td>STEL</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.002 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Cadmium</td>
<td>TWA</td>
<td>0.01 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manganese</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silicon dioxide, crystalline</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium oxide (CAS 1305-78-8)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Magnesium oxide (CAS 1309-48-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Iron oxide (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Silicon dioxide (CAS 7631-86-9)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium (CAS 7440-41-7)</td>
<td>TWA</td>
<td>0.00015 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Cadmium (CAS 7440-43-9)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>STEL</td>
<td>3 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Dust.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Silicon dioxide, crystalline (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Calcium oxide (CAS 1305-78-8)</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Magnesium oxide (CAS 1309-48-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Iron oxide (CAS 1309-37-1)</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Dust and fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Silicon dioxide (CAS 7631-86-9)</td>
<td>TWA</td>
<td>6 mg/m³</td>
<td>Respirable dust.</td>
</tr>
</tbody>
</table>

Mexico. Occupational Exposure Limit Values

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryllium (CAS 7440-41-7)</td>
<td>TWA</td>
<td>0.002 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td>Cadmium (CAS 7440-43-9)</td>
<td>TWA</td>
<td>0.01 mg/m³</td>
<td>Respirable dust.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.002 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manganese (CAS 7439-96-5)</td>
<td>STEL</td>
<td>3 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Silicon dioxide, crystalline (CAS 14808-60-7)</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (CAS 13463-67-7)</td>
<td>STEL</td>
<td>20 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Calcium oxide (CAS 1305-78-8)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Magnesium oxide (CAS 1309-48-4)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td>Fume.</td>
</tr>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Iron oxide (CAS 1309-37-1)</td>
<td>STEL</td>
<td>10 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Engineering controls
- Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal protective equipment
  Eye / face protection
  - Wear safety glasses with side shields. Use tight fitting goggles if dust is generated.
  Skin protection
  - Use protective gloves. Wear suitable protective clothing.
Respiratory protection
Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

General hygiene considerations
Wash hands after handling. Routinely wash work clothing and protective equipment to remove contaminants. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Black granular solid.</td>
</tr>
<tr>
<td>Physical state</td>
<td>Solid.</td>
</tr>
<tr>
<td>Form</td>
<td>Solid.</td>
</tr>
<tr>
<td>Color</td>
<td>Black.</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>&gt; 2500 °F (&gt; 1371.1 °C)</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Negligible.</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>2.7</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability limits in air,</td>
<td>Not available.</td>
</tr>
<tr>
<td>upper, % by volume</td>
<td></td>
</tr>
<tr>
<td>Flammability limits in air,</td>
<td>Not available.</td>
</tr>
<tr>
<td>lower, % by volume</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

10. Chemical Stability & Reactivity Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical stability</td>
<td>The product is stable and non reactive under normal conditions of use, storage and transport.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>None known.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Strong acids.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>None known.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
</tbody>
</table>

11. Toxicological Information

<table>
<thead>
<tr>
<th>Constituents</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium (CAS 7440-43-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>0.025 mg/l, 900 Days</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>225 mg/kg</td>
</tr>
<tr>
<td>Silicon dioxide (CAS 7631-86-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>&gt; 15000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>&gt; 22500 mg/kg</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Not a skin or respiratory sensitizer.</td>
<td></td>
</tr>
<tr>
<td>ACGIH Sensitizer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beryllium (CAS 7440-41-7)</td>
<td></td>
<td>Sensitizer.</td>
</tr>
</tbody>
</table>
Acute effects Abrasive blasting agents may cause inflammation and pulmonary fibrosis. Ingestion of dusts generated during working operations may cause nausea and vomiting.

Local effects May cause eye, skin and respiratory tract irritation.

US. ACGIH Threshold Limit Values
Beryllium (CAS 7440-41-7) Can be absorbed through the skin.

Chronic effects Frequent inhalation of fume/dust over a long period of time increases the risk of developing lung diseases.

Carcinogenicity

ACGIH Carcinogens
- Aluminum oxide (CAS 1344-28-1) A4 Not classifiable as a human carcinogen.
- Cadmium (CAS 7440-43-9) A2 Suspected human carcinogen.
- Silicon dioxide, crystalline (CAS 14808-60-7) A2 Suspected human carcinogen.
- Titanium dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity
- Beryllium (CAS 7440-41-7) 1 Carcinogenic to humans.
- Cadmium (CAS 7440-43-9) 1 Carcinogenic to humans.
- Iron oxide (CAS 1309-37-1) 3 Not classifiable as to carcinogenicity to humans.
- Silicon dioxide (CAS 7631-86-9) 3 Not classifiable as to carcinogenicity to humans.
- Silicon dioxide, crystalline (CAS 14808-60-7) 1 Carcinogenic to humans.
- Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

US NTP Report on Carcinogens: Known carcinogen
- Beryllium (CAS 7440-41-7) Known To Be Human Carcinogen.
- Cadmium (CAS 7440-43-9) Known To Be Human Carcinogen.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
- Cadmium (CAS 7440-43-9) Cancer hazard.

Mutagenicity
No data available.

Reproductive effects
No data available.

Symptoms and target organs
Irritation of nose and throat. Irritation of eyes and mucous membranes. May cause respiratory tract irritation. Shortness of breath.

12. Ecological Information

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Environmental effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability
The product is not biodegradable.

Bioaccumulation / Accumulation
The product is not bioaccumulating.

13. Disposal Considerations

Waste codes
The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal instructions
Dispose in accordance with all applicable regulations.

Waste from residues / unused products
Dispose in accordance with all applicable regulations.

Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT
Not regulated as a hazardous material by DOT.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.
TDG
Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
- Beryllium (CAS 7440-41-7)
- Cadmium (CAS 7440-43-9)
- Manganese (CAS 7439-96-5)

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration
- Aluminum oxide (CAS 1344-28-1) 1.0%
- Beryllium (CAS 7440-41-7) 0.1%
- Cadmium (CAS 7440-43-9) 0.1%
- Manganese (CAS 7439-96-5) 1.0%

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
- Aluminum oxide (CAS 1344-28-1) Listed.
- Beryllium (CAS 7440-41-7) Listed.
- Cadmium (CAS 7440-43-9) Listed.
- Manganese (CAS 7439-96-5) Listed.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)
- Hazard categories
  - Immediate Hazard - Yes
  - Delayed Hazard - Yes
  - Fire Hazard - No
  - Pressure Hazard - No
  - Reactivity Hazard - No
- Section 302 extremely hazardous substance (40 CFR 355, Appendix A)
  No
- Section 311/312 (40 CFR 370)
  Yes

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)
Not controlled

Canadian regulations
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status
Non-controlled

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
</tbody>
</table>
Country(s) or region | Inventory name | On inventory (yes/no)*
---|---|---
Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes
United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

State regulations
WARNING: This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Hazardous Substances (Director's): Listed substance
- Aluminum oxide (CAS 1344-28-1) Listed.
- Beryllium (CAS 7440-41-7) Listed.
- Cadmium (CAS 7440-43-9) Listed.
- Calcium oxide (CAS 1305-78-8) Listed.
- Magnesium oxide (CAS 1309-48-4) Listed.
- Manganese (CAS 7439-96-5) Listed.
- Silicon dioxide (CAS 7631-86-9) Listed.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
- Beryllium (CAS 7440-41-7) Listed.
- Cadmium (CAS 7440-43-9) Listed.
- Silicon dioxide, crystalline (CAS 14808-60-7) Listed.
- Titanium dioxide (CAS 13463-67-7) Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
- Silicon dioxide, crystalline (CAS 14808-60-7) Listed: October 1, 1988 Carcinogenic.

US - California Proposition 65 - CRT: Listed date/Developmental toxin
- Cadmium (CAS 7440-43-9) Listed: May 1, 1997 Developmental toxin.

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin
- Cadmium (CAS 7440-43-9) Listed: May 1, 1997 Male reproductive toxin.

US - New Jersey RTK - Substances: Listed substance
- Aluminum oxide (CAS 1344-28-1) Listed.
- Beryllium (CAS 7440-41-7) Listed.
- Cadmium (CAS 7440-43-9) Listed.
- Calcium oxide (CAS 1305-78-8) Listed.
- Magnesium oxide (CAS 1309-48-4) Listed.
- Manganese (CAS 7439-96-5) Listed.
- Potassium Oxide (CAS 12136-45-7) Listed.
- Silicon dioxide (CAS 7631-86-9) Listed.
- Silicon dioxide, crystalline (CAS 14808-60-7) Listed.
- Titanium dioxide (CAS 13463-67-7) Listed.

US - Pennsylvania RTK - Hazardous Substances: All compounds of this substance are considered environmental hazards
- Beryllium (CAS 7440-41-7) LISTED
- Cadmium (CAS 7440-43-9) LISTED
- Manganese (CAS 7439-96-5) LISTED

US - Pennsylvania RTK - Hazardous Substances: Special hazard
- Beryllium (CAS 7440-41-7) Special hazard.
- Cadmium (CAS 7440-43-9) Special hazard.

US. Massachusetts RTK - Substance List
- Aluminum oxide (CAS 1344-28-1) Listed.
- Beryllium (CAS 7440-41-7) Listed.
- Cadmium (CAS 7440-43-9) Listed.
- Calcium oxide (CAS 1305-78-8) Listed.
- Magnesium oxide (CAS 1309-48-4) Listed.
- Manganese (CAS 7439-96-5) Listed.
- Silicon dioxide (CAS 7631-86-9) Listed.
- Silicon dioxide, crystalline (CAS 14808-60-7) Listed.
- Titanium dioxide (CAS 13463-67-7) Listed.
US. New Jersey Worker and Community Right-to-Know Act

Aluminum oxide (CAS 1344-28-1) 500 LBS
Beryllium (CAS 7440-41-7) 500 LBS
Cadmium (CAS 7440-43-9) 500 LBS
Manganese (CAS 7439-96-5) 500 LBS

US. Pennsylvania RTK - Hazardous Substances

Aluminum oxide (CAS 1344-28-1) Listed.
Beryllium (CAS 7440-41-7) Listed.
Cadmium (CAS 7440-43-9) Listed.
Calcium oxide (CAS 1305-78-8) Listed.
Magnesium oxide (CAS 1309-48-4) Listed.
Manganese (CAS 7439-96-5) Listed.
Silicon dioxide (CAS 7631-86-9) Listed.
Silicon dioxide, crystalline (CAS 14808-60-7) Listed.
Titanium dioxide (CAS 13463-67-7) Listed.

Mexico regulations

This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.
A HMIS® Health rating including an * indicates a chronic hazard.

HMIS® ratings

Health: 2*
Flammability: 0
Physical hazard: 0

NFPA ratings

Health: 1
Flammability: 0
Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.
**Blastox® Safety Data Sheet (SDS)**

### SECTION 1: PRODUCT AND COMPANY INFORMATION

**Manufacturer**
TDJ Group, Inc., 760-A Industrial Dr., Cary, IL 60013

**Telephone**
847-639-1113   FAX: (847) 639-0499

**Recommended Uses / Restrictions**
Heavy metal stabilizer / Industrial or commercial use only

**Emergency Contact / Number**
Chemtrec: 800-424-9300; TDJ Group: 847-639-1113

### SECTION 2: HAZARD IDENTIFICATION

**Hazards**
- **Eye damage/irritation**: Category 2B – Causes eye irritation
- **Skin corrosion/irritation**: Category 2 – Causes skin irritation
- **Specific Target Organ Toxicity (single occurrence)**: Category 3 – May cause respiratory irritation

**Signal Word**: WARNING

**Precautionary Statements:**
- Wash hands and exposed areas thoroughly after handling. Wear protective gloves. Wear eye and face protection. Avoid breathing dust. Use only outdoors or in a well-ventilated area. **If in eyes**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If eye irritation persists**: Get medical advice or attention. **If on skin**: Wash with plenty of water. **If skin irritation occurs**: Get medical advice or attention. Take off contaminated clothing and wash before reuse. **If inhaled**: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents or container in accordance with applicable regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS#</th>
<th>Component%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium silicates and aluminates</td>
<td>See note</td>
<td>&gt;80</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>1309-48-4</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Non-hazardous ingredients</td>
<td>Proprietary Mixture</td>
<td>Balance to 100%</td>
</tr>
<tr>
<td>Note: Contains CAS 12168-85-3, 10034-77-2, 12042-78-3, and 12068-35-8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 4: FIRST AID MEASURES

**Most Important Symptoms / Effects:** Eye contact with powder or solution can cause irritation or mechanical abrasion. Skin irritation can occur from contact with the product. Inhalation may cause coughing or mild irritation.

**Skin Contact:** Wash exposed areas promptly with water and mild soap. Remove contaminated clothing immediately and launder before reuse. Seek medical advice or attention if irritation occurs.

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Remove contact lenses if easy to do. Seek medical attention if any symptoms persist.

**Inhalation:** Move to fresh air. Keep at rest and in a position comfortable for breathing. If you feel unwell, seek medical advice.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Seek immediate medical advice or attention.

**Indication of Immediate Medical Attention and Special Treatment, If Necessary:** Persistent eye or skin irritation, difficulty in breathing.
SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Product does not burn. Use fire-fighting techniques appropriate to the surrounding fire.
Specific Hazards Arising from the Chemical: None known.
Special Protective Equipment and Precautions for Fire-Fighters: Use equipment and procedures appropriate to the surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate release area and keep unnecessary or untrained people away. See Section 8 for personal protection gear.
Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent from entering drains, sewers or waterways. Material is not regulated by DOT or EPA.
Methods for Cleaning Up: Avoid actions such as use of compressed air or vigorous dry sweeping that may cause dusting. Place material into container for later use, recycle or disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Plant processes should be designed to minimize or control airborne dusts. All bags and containers should be properly labeled. Keep bags unopened until use. Keep containers tightly sealed when not in use. Use only with adequate ventilation. Wash hands at end of shift or before eating or using restroom. Wear gloves, goggles and appropriate clothing to avoid repeated or prolonged contact. Use good hygiene practices when handling product, including changing and laundering work clothes after use.
Storage: Keep containers in a dry, cool, well-ventilated area. Keep containers tightly closed.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

<table>
<thead>
<tr>
<th>Component Name</th>
<th>ACGIH TLV-TWA</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulate material</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>Calcium silicate</td>
<td>10 mg/m³</td>
<td>15 mg/m³ (total)</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>10 mg/m³</td>
<td>5 mg/m³ (respirable)</td>
</tr>
</tbody>
</table>

Engineering Controls: Use appropriate ventilation to maintain airborne concentration limits below exposure limits. Have eye wash stations and safety showers readily available.
Eye and Face Protection: Wear safety glasses or goggles to prevent dust from getting in eyes.
Skin Protection: Wear water-proof gloves to prevent contact. Additional body garments should be used based upon the task being performed.
Respiratory Protection: Use a properly fitted NIOSH respirator in areas where the exposure is unknown or above the OSHA PEL or ACGIH TLV.
General Hygiene: Follow accepted work practices for handling an alkaline material. Do not eat, drink or smoke in areas where this chemical is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/Physical State</td>
<td>Gray solid (powder)</td>
</tr>
<tr>
<td>Specific Gravity (Water=1)</td>
<td>3.15</td>
</tr>
<tr>
<td>Evaporation Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>pH (in water)</td>
<td>~12</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Slight (0.1 – 1%)</td>
</tr>
<tr>
<td>Odor</td>
<td>No distinct odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>&gt;1000 °C</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Initial Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Lower Flammability Limits</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Viscosity (cSt, 40 °C)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Critical Temperature</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.
SECTION 10: STABILITY AND REACTIVITY

Reactivity: None
Chemical Stability: Stable when properly stored dry. Contact with water can produce calcium hydroxide.
Possibility of Hazardous Reactions: Will not occur under recommended conditions
Conditions to Avoid: Keep dry.
Incompatible Materials: Acids, ammonia salts or aluminum
Hazardous Decomposition Products: None

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects: Aqueous solution can cause serious eye damage due to high alkalinity. Aqueous solution can cause severe skin irritation or burns due to high pH in water. Ingestion may cause burns or irritation to the linings of the mouth, throat, and gastrointestinal tract. Inhalation may be irritating or corrosive to the respiratory tract due to product’s alkaline nature.
Target Organ Effects: Lungs and respiratory system: short-term or immediate effects of dust inhalation are expected to be coughing and mild respiratory irritation.
Pre-existing Conditions Aggravated by Exposure: Respiratory or skin disorders
Chronic Effects: Acute symptoms may be aggravated
Carcinogenicity: Contains no components known by IARC, NTP or OSHA to be carcinogenic. Blastox has been analyzed and does not contain detectible amounts (<0.2%) of crystalline quartz which is known to be carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not Determined
Mobility: Not Determined
Degradability: Not Determined
Bioaccumulation: Not Determined

SECTION 13: DISPOSAL CONSIDERATION

Product is not regulated by EPA or DOT. Dispose in compliance with all applicable federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

SECTION 15: REGULATORY INFORMATION

TSCA Status: All components are listed in the TSCA inventory
SARA 311/312 Reporting Categories: Acute hazard
SARA 313 Reportable Ingredients: No ingredients listed

SECTION 16: OTHER INFORMATION

Department Issuing SDS: Health and Safety

Disclaimer
While the information provided in this safety data sheet is believed to provide a useful summary of the hazards of Blastox as it is commonly used, the sheet cannot, and does not, anticipate and provide all of the information that might be needed in every situation. In particular, the data furnished in this sheet does not address hazards that may be posed by other materials mixed with Blastox products. Users therefore, should review other applicable safety data sheets before working with Blastox.

The TDJ Group, Inc. makes no warranty, expressed or implied, concerning the product or the merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided by TDJ Group, Inc., except that the product shall conform to contracted specifications. The information provided herein was believed by TDJ Group, Inc. to be accurate at the time of preparation or prepared from sources believed to be reliable. But it is the responsibility of the user to investigate and understand other pertinent sources of information. To comply with all laws and procedures applicable to the safe handling and use for the product, and to determine the suitability of the product for its intended use.

SDS Blastox 10.15

The TDJ Group, Inc.

Date Prepared or Revised: October, 2015
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: January 15, 2020

ACTION REQUESTED: Approval for Chairman Morris’ Signature

- 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

BACKGROUND: Any flare shutdown exceeding the one-hour duration requires a 405-CAAPP form to be submitted to the IEPA Division of Air. A shutdown occurred in between Christmas and New Year’s Day. The flare was restarted and returned to normal operation.

The semi-annual Pretreatment report to the Greater Peoria Sanitary District is required as part of the permit to discharge leachate at the Darst Street Facility. The report includes flow and analytical results for parameters as required by the permit for the time period of June 2019 through December 2019. The semi-annual pretreatment report is due January 20, 2020.

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: January 15, 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 December 31, 2019. The total amount billed to date is $163,467.71. We are currently under budget but as a reminder to the Landfill Committee, the month of January has several regulatory submittals. This efforts will be captured in the next invoice.

Updates Regarding Compliance Activities, Measures, and Progress

- 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.

FINANCIAL IMPACT: Currently, the new contract for services total spend to date is 48.4% of the July 1, 2019 through June 30, 2020 contract whereas the planned budget spend is projected at 50.3% complete. The attached monthly engineering services spreadsheet shows budgeted vs actual spends to date.
### Operational Notes:

**July:** Includes design engineering, routine operations and LF3 contract summary review. Contract summary on hold until July due to transducer replacement and installation cost. Remaining months have been prorated down to reflect high initial month. August: Includes costs for semi annual Clean Air Act permit submittals (phase 1), routine engineering 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.

---

<table>
<thead>
<tr>
<th>Description</th>
<th>Beginning Estimate</th>
<th>Current Budget Estimate</th>
<th>Budget</th>
<th>Actual</th>
<th>Budget</th>
<th>Actual</th>
<th>Budget</th>
<th>Actual</th>
<th>Budget</th>
<th>Actual</th>
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<th>Actual</th>
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<td>$98,500</td>
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<td>$1,513.25</td>
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<td>$5</td>
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<td>Phase 8: Unplanned GCCS Repairs/Emergency</td>
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<td>$7,800</td>
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<td>$1,242</td>
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**Total**

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<tr>
<th>Estimate</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
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<td>$337,750</td>
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<td>$22,557</td>
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<table>
<thead>
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<th>% Contract Months Complete</th>
<th>% Budget Spent</th>
<th>% Planned Budget Spent</th>
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<tr>
<td>8.3%</td>
<td>16.7%</td>
<td>25.0%</td>
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<tr>
<td>14.5%</td>
<td>21.1%</td>
<td>31.0%</td>
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<tr>
<td>15.3%</td>
<td>22.7%</td>
<td>38.0%</td>
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</table>

**Foth Engineering Services**

**July 2019 through June 2020**
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 high initial month.
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. data collection and processing for annual reports started
<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>5 Yr. Average by Month</th>
<th>3 Yr. Average by Month</th>
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<td>January</td>
<td>14,531.08</td>
<td>12,592.84</td>
<td>13,255.78</td>
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<td>11,730.59</td>
<td>12,199.76</td>
<td>13,409.7</td>
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<td>February</td>
<td>11,689.56</td>
<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>
<td>11,961.0</td>
<td>11,316.5</td>
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<td>March</td>
<td>17,911.20</td>
<td>16,961.56</td>
<td>15,881.57</td>
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<td>14,516.49</td>
<td>12,533.33</td>
<td>15,334.7</td>
<td>13,751.3</td>
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<td>April</td>
<td>20,643.72</td>
<td>17,815.96</td>
<td>16,231.71</td>
<td>14,883.60</td>
<td>14,573.51</td>
<td>15,014.76</td>
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<tr>
<td>May</td>
<td>21,031.20</td>
<td>17,917.75</td>
<td>17,708.52</td>
<td>18,306.44</td>
<td>17,568.27</td>
<td>16,560.81</td>
<td>18,182.2</td>
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<td>June</td>
<td>20,827.22</td>
<td>19,736.45</td>
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<td>19,901.95</td>
<td>16,896.60</td>
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<td>July</td>
<td>21,915.44</td>
<td>23,147.79</td>
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<td>17,685.91</td>
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<td>August</td>
<td>18,623.82</td>
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<td>18,716.6</td>
<td>17,894.7</td>
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<td>September</td>
<td>17,722.38</td>
<td>16,520.05</td>
<td>18,890.92</td>
<td>18,155.15</td>
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<td>13,953.48</td>
<td>16,675.2</td>
<td>15,639.3</td>
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<tr>
<td>October</td>
<td>20,212.83</td>
<td>17,158.59</td>
<td>16,091.54</td>
<td>17,772.77</td>
<td>16,235.75</td>
<td>19,289.83</td>
<td>17,793.6</td>
<td>17,766.1</td>
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<tr>
<td>November</td>
<td>14,511.80</td>
<td>16,349.64</td>
<td>14,459.79</td>
<td>17,273.03</td>
<td>13,895.01</td>
<td>18,263.39</td>
<td>15,792.1</td>
<td>15,209.3</td>
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<td>December</td>
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<td>16,504.84</td>
<td>13,168.40</td>
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<td>12,208.30</td>
<td>14,534.79</td>
<td>14,021.9</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   | 195,088.21   | 183,765.58   |
|          | General MSW  | 198,971.42   | 191,767.47   | 182,787.68   | 187,239.69   | 173,804.02   | 161,919.10   |               |               |
|          | Profiled Waste Tons | 15,599.90 | 16,320.14   | 8,615.88     | 12,363.66    | 3,435.88     | 17,704.39    |               |               |
REQUEST FOR DISCUSSION

To:   Peoria City/County Landfill Committee Members

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

AGENDA DATE REQUESTED:  January 15, 2020

ACTION REQUESTED: RECEIVE AND FILE MONTHLY FINANCIAL REPORT FOR YEAR END 2019 (Unaudited)

BACKGROUND: Attached is the unaudited revenue and expense financial report for financial transactions occurring in 2019. FY2019 year-end revenue of $497,354 exceeds both FY2018 actual revenue ($454,456) and FY2019 budget revenue ($469,918). Similarly, FY2019 year-end expenses of $426,505 lags both FY2018 actual expense and FY2019 budget expense ($440,040 and $444,650, respectively).

Contributing to the lag in reported expenses are two outstanding consultant’s invoices that are in process. Once these invoices are processed the year-end expenditures will total approximately $469,750, resulting in a net gain of $27,629 for FY2019.

<table>
<thead>
<tr>
<th>Foth Invoice</th>
<th>Date</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Invoice # 64753</td>
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<tr>
<td>Invoice # 65265</td>
<td>12/20/19</td>
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<tr>
<td>Total</td>
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<td>$43,220.47</td>
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Additionally, the Cash Flow Statement dated December 31, 2019 shows an overstated cash balance due to the unpaid liabilities. The year-end cash balance for the PCC Landfill is $431,473.12.
### LANDFILL FUND MONTHLY REVENUE & EXPENSE

**Wednesday, January 15, 2020**

#### REVENUES

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>2018 Actual</th>
<th>2019 Budget</th>
<th>2019 Actual</th>
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</thead>
<tbody>
<tr>
<td>Host Fees ($2.49/Ton)(1)</td>
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<td>Leases</td>
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<tr>
<td>Interest Earned</td>
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<tr>
<td>On-Cash Balance</td>
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<td>- $</td>
</tr>
<tr>
<td>On-Illinois Funds</td>
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<td>- $</td>
<td>- $</td>
</tr>
<tr>
<td>Other Revenues (except Group Recovery)</td>
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<td>- $</td>
<td>- $</td>
</tr>
<tr>
<td><strong>TOTAL REVENUES</strong></td>
<td>$33,735.98</td>
<td>$33,826.57</td>
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#### EXPENSES

<table>
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<tr>
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<th>2018 Actual</th>
<th>2019 Budget</th>
<th>2019 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Reimbursements</td>
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<td>County Personnel</td>
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</tr>
<tr>
<td>County Audit</td>
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<td>- $</td>
<td>- $</td>
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<tr>
<td>Consultant Guidance and Operational Costs</td>
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<td>- $</td>
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<tr>
<td>General Guidance &amp; Compliance (Clean Air Act Permit Rpt)</td>
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<td>Groundwater Support/Reporting</td>
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<td>LF/Gas Management &amp; Leachate Management Ops.</td>
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<td>LF/Gas Construction Engineering</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>Office Supplies/Disposal</td>
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<td>Contracted/Capital Improvements</td>
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<td>Post Closure Care</td>
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<td>Leachate Extraction Improvements</td>
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<tr>
<td>GCCS Improvement Projects</td>
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<tr>
<td>Committee's Operational Expenses</td>
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<td>- $</td>
<td>- $</td>
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<td>Off-Site Liquids Disposal/Transport &amp; Leachate Treatment (PDC/GPSD)</td>
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<td>Unplanned/Contingency</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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<td>- $</td>
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<td>Capital Fund Allocation</td>
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<td><strong>TOTAL EXPENSES</strong></td>
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<td>$20,814.05</td>
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#### BALANCE

<table>
<thead>
<tr>
<th>Description</th>
<th>2018 Actual</th>
<th>2019 Budget</th>
<th>2019 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019 balances are based solely on revenues &amp; expenditures by budget.</td>
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</tr>
</tbody>
</table>

#### BEGINNING BALANCE **

<table>
<thead>
<tr>
<th>Description</th>
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<th>2019 Budget</th>
<th>2019 Actual</th>
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#### ENDING BALANCE **

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<th>2019 Budget</th>
<th>2019 Actual</th>
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<tbody>
<tr>
<td>$379,943.81</td>
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#### Company’s Operational Expenses

- Off-Site Liquids Disposal/Transport & Leachate Treatment (PDC/GPSD)
  - $710.98 (1,000.00)
- Telephone
  - $49.91 ($54.17)
- Electricity
  - $585.34 ($500.00)
- Unplanned/Contingency
  - Groundwater Assessments/Contingency
    - $0.00
- GCCS Contingency
  - $0.00
- Unplanned Services and Repairs
  - $0.00
- Capital Fund Allocation
  - $0.00

#### TOTAL EXPENSES

- $26,290.36
- $29,804.17
- $20,814.05
- $23,048.97
- $33,215.92
- 2019 balances are based solely on revenues & expenditures by budget.

** (1) 2019 Budget based on approx. 180,000 tons host fees of $2.49/ton

---

[1] Municipal Reimbursements

[2] County Personnel

[3] County Audit


[8] LF/Gas Construction Engineering

[9] LF #2 to LF #3 Transition Activities

[10] Liquids & Gas Replacement Materials


[12] Contracted/Capital Improvements

[13] Post Closure Care

[14] Leachate Extraction Improvements

[15] GCCS Improvement Projects

[16] Committee’s Operational Expenses

[17] Off-Site Liquids Disposal/Transport & Leachate Treatment (PDC/GPSD)

[18] Telephone

[19] Electricity

[20] Unplanned/Contingency

[21] Groundwater Assessments/Contingency

[22] GCCS Contingency

[23] Unplanned Services and Repairs


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Excess Revenues over Expenses | $17,561.00 | $14,022.00 | $19,053.51 | $20,001.11 | $25,494.07 | $20,458.35 |

(1) 2019 Budget based on approx. 180,000 tons host fees of $2.49/ton

BEGINNING BALANCE ** | $356,194.61 | $382,712.67 | $406,428.34 | $395,089.90 | $387,088.43 | $434,903.47 |

ENDING BALANCE ** | $359,755.90 | $396,734.67 | $425,814.85 | $434,903.47 | $422,779.67 | $434,894.78 |

** 2018 balances are based on bank statements & vary from budget due to...
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(1) 2018 Budget based on approx. 180,000 tons at fees of $2.49/ton

** 2018 balances are based on bank statements & vary from budget due to
Peoria City/County Landfill
Cash Flow Statement -Cash Basis
December 31, 2019

Beginning Balance December 1, 2019
$386,235.11

Plus Deposits:

Pooled Cash - Solid Waste 12/5/2019 Waste Management - Host Fee $44,993.85
Pooled Cash - Solid Waste 12/31/2019 December Interest $745.35

$45,739.20

Less Electronic Debits & A/P Checks

Pooled Cash - Solid Waste 12/20/2019 Ameren Illinois $343.97
Pooled Cash - Solid Waste 12/20/2019 Greater Peoria Sanitary District $157.22

$501.19

Ending Cash Balance December 31, 2019
$431,473.12
REQUEST FOR DISCUSSION

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

AGENDA DATE REQUESTED: January 15, 2020

ACTION REQUESTED: Receive and File Monthly Reports

BACKGROUND: Attached are the monthly activity reports through November and December 2019.

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
## Peoria City/County Landfill No. 2
### Waste Management of Illinois, Inc.
#### Monthly Activity Report
#### November 2019

### Tonnage General Refuse

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### Special Wastes

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<th>Current Year to Date</th>
<th>Year to Date</th>
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<tbody>
<tr>
<td></td>
<td>Month</td>
<td>2019</td>
</tr>
<tr>
<td>Industrial (Declassified)</td>
<td>5,546.83</td>
<td>15,128.71</td>
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<td><strong>TOTAL</strong></td>
<td>5,546.83</td>
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**TOTAL LANDFILL RECEIPTS**

<table>
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<tr>
<td></td>
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<td>2019</td>
</tr>
<tr>
<td>Yard Waste Receipts</td>
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<td>All Other</td>
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### Payment Payable to City/County Committee

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<tr>
<td></td>
<td>Month</td>
<td>2019</td>
</tr>
<tr>
<td>General Re Tons</td>
<td>12,522.99</td>
<td>$31,182.25</td>
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<tr>
<td>Special Wa Tons</td>
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### Payable to County

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<th>Year to Date</th>
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<tbody>
<tr>
<td></td>
<td>Month</td>
<td>2019</td>
</tr>
<tr>
<td>General Re Tons</td>
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<tr>
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<tr>
<td>Special Wa Tons</td>
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### Payable to/Receivable From County

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<tr>
<th></th>
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<th>Year to Date</th>
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<tbody>
<tr>
<td>$5 Loads Loads</td>
<td>11.00</td>
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<td>Rate $</td>
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<td>Less: State Fee Tons</td>
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### Payable to City/County Committee

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<tr>
<td>Rate $</td>
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</tr>
<tr>
<td><strong>TOTAL</strong></td>
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### Tonnage General Refuse & Special Waste

<table>
<thead>
<tr>
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<th>Current Year to Date</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Month</td>
<td>2019</td>
</tr>
<tr>
<td>In county</td>
<td>12,903.23</td>
<td>98,709.58</td>
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<td>Out of county</td>
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<tr>
<td>Mixed</td>
<td>-</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>18,263.39</td>
<td>165,088.70</td>
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## Peoria City/County Landfill No. 2
### Waste Management of Illinois, Inc.
### Monthly Activity Report
#### December 2019

### Tonnage: General Refuse & Special Waste

<table>
<thead>
<tr>
<th></th>
<th>Current Month</th>
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<th>Year to Date</th>
<th>Landfill #2 2018</th>
<th>Year to Date</th>
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<tbody>
<tr>
<td><strong>In county</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>General Refuse</td>
<td>11,741.43</td>
<td>159,645.85</td>
<td>170,708.55</td>
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<tr>
<td>Special Waste</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Industrial (Declassified)</td>
<td>2,575.68</td>
<td>17,704.39</td>
<td>4,688.65</td>
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<td>Industrial (Exempt)</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>14,534.79</td>
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<td>179,623.49</td>
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<td>177,239.90</td>
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<tr>
<td>General Refuse</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>14,534.79</td>
<td></td>
<td>179,623.49</td>
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<tr>
<td><strong>Mixed</strong></td>
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### Tonnage: Haulers

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<th>Year to Date</th>
<th>Landfill #2 2018</th>
<th>Year to Date</th>
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<tbody>
<tr>
<td><strong>General Refuse</strong></td>
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<td>Haulers</td>
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<td>County Res. Free Loads</td>
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<td>County Res. $5 Loads</td>
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<td>16.44</td>
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### Payable to City/County Committee

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<th>Landfill #2 2019</th>
<th>Year to Date</th>
<th>Landfill #2 2018</th>
<th>Year to Date</th>
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<tbody>
<tr>
<td><strong>General Refuse</strong></td>
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<tr>
<td>Tons</td>
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<tr>
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### Payable to County

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<th>Landfill #2 2019</th>
<th>Year to Date</th>
<th>Landfill #2 2018</th>
<th>Year to Date</th>
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</thead>
<tbody>
<tr>
<td><strong>General Refuse</strong></td>
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<td></td>
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</tr>
<tr>
<td>Tons</td>
<td>11,741.43</td>
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</tr>
<tr>
<td>Rate</td>
<td>$1.27</td>
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<tr>
<td>Payable to County</td>
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</tr>
<tr>
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<td><strong>TOTAL</strong></td>
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### Payable to/Receivable From County

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<th>Landfill #2 2019</th>
<th>Year to Date</th>
<th>Landfill #2 2018</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$5 Loads</strong></td>
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<tr>
<td>Less:</td>
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<td>State Fee on Free and $5 Loads</td>
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### Special Wastes

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<tr>
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<th>Year to Date</th>
<th>Landfill #2 2018</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Declassified)</td>
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<td>17,704.39</td>
<td>4,688.65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Exempt)</td>
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<td>0.00</td>
<td>0.00</td>
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<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2,575.68</td>
<td>17,704.39</td>
<td>4,688.65</td>
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</tbody>
</table>
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: January 15, 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) plans to release 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 sometime during the week of January 13. The proposals will be due by the end of this month. PDCTS intends to select an environmental consultant for assistance with the Conceptual Lake Rehabilitation and Wetland Enhancement Project by mid-February, 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