

PEORIA CITY/COUNTY LANDFILL COMMITTEE

REGULAR MEETING AGENDA

WEDNESDAY, MARCH 31, 2021

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

Governor JB Pritzker's Executive Order 2020-10, issued on March 20, 2020, prohibits all public and private gatherings of 10 people or more in a single room or single space at the same time. The Centers for Disease Control and Prevention (CDC) recommends gatherings of no more than 10 people in a single room or space and social distancing of at least six feet between persons. To comply with the Open Meetings Act the Peoria City/County Landfill Committee meeting will be held electronically.

***DUE TO CORONAVIRUS COVID-19
THE PEORIA CITY/COUNTY LANDFILL MEETING WILL BE HELD
VIA THE APPLICATION, ZOOM.***

***ZOOM MEETING INFORMATION:
CALL IN PHONE NUMBER: (312) 626-6799 OR (929) 205-6099
MEETING ID: 9466198741#***

*Join Zoom Meeting
<https://zoom.us/j/9466198741>*

PEORIA CITY/COUNTY LANDFILL COMMITTEE

AGENDAS AND MINUTES

ISSUED BY:

Stephen M. Morris, CHAIRMAN

CITY OF PEORIA

Via Teleconference

(309) 494-8800

INTERNET ADDRESS: www.peoriagov.org

To access electronic Agenda & Minutes (only):

1. **www.peoriagov.org/boards-commissions/**
2. Choose Solid Waste Disposal Committee (Landfill)
3. Scroll to the bottom of the screen. Under "Agenda & Minutes" will be a list of the .pdf postings.
4. Select desired document and double click to open.

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

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

THE PEORIA CITY/COUNTY LANDFILL COMMITTEE MEETS IN REGULAR BUSINESS SESSIONS THE THIRD WEDNESDAY OF THE MONTH (JANUARY THROUGH NOVEMBER) AT 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

MARCH 31, 2021 @ 3:00 P.M.

ATTENDANCE

ANNOUNCEMENTS, ETC.

CITIZENS' OPPORTUNITY TO ADDRESS THE COMMITTEE

Anyone wishing to make a public comment can do so by sending those comments to Stephanie Stapleton, by **12:00 p.m. on March 31, 2021**. Public comments can be sent to the Public Works Department, in writing, at valtpeter@peoriagov.org or via fax at 309-494-8855. The email or fax should be labeled "Public Comment for March 31, 2021. Peoria City/County Landfill Committee Meeting," and we ask that you include your name and address. Citizen's comments also will be accepted over the phone during the meeting.

MINUTES

REQUEST FOR APPROVAL OF THE PEORIA CITY/COUNTY LANDFILL MINUTES

Dated: August 19, 2020
October 19, 2020 (Special Meeting)
December 9, 2020 (Special Meeting)
January 27, 2021

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
- 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. REQUEST TO **APPROVE** THE 2020 LANDFILL NO. 3 ANNUAL FACILITY REPORT WITH THE IEPA
B. UPDATE REGARDING THE TERMINATION AGREEMENT WITH THE PEORIA PARK DISTRICT
C. DISCUSSION REGARDING THE POTENTIAL EASEMENT WITH THE CARMAN TRUST
D. DISCUSSION REGARDING THE REPLACEMENT OF THE RECYCLING DROP OFF LOCATION AT PDC LABS

UNFINISHED BUSINESS

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

NEW BUSINESS

REGULAR MEETING

MAY 12, 2021 AT 3:00 P.M.

EXECUTIVE SESSION

ADJOURNMENT

DATES SET:

WEDNESDAY, March 31, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602.

WEDNESDAY, May 12, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602

WEDNESDAY, June 23, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602

WEDNESDAY, August 4, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602

WEDNESDAY, September 15, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602

WEDNESDAY, October 27, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602

WEDNESDAY, December 8, 2021 @ 3:00 p.m.

REGULAR COMMITTEE MEETING – **To be held at City Hall 419 Fulton Street - Room 404**, Peoria Illinois 61602

:OFFICIAL PROCEEDINGS:

:FOR THE PEORIA CITY/COUNTY LANDFILL COMMITTEE MEETING:

AUGUST 19, 2020

A Regular Meeting of the Peoria City County Landfill Committee was held on August 19, 2020, at 3:00 p.m. via Zoom with Chairman Morris presiding, and with property notice having been posted.

In accordance to Governor JB Pritzker's Executive Order 2020-43 which continues to limit any gatherings of more than fifty people, and Executive Order 2020-44 requiring the provision of video, audio or telephonic access to meetings – and the Centers for Disease Control (CDC) recommends social distancing of at least six feet between persons. To comply with the Open Meetings Act the Peoria City/County Landfill Committee meeting will be held electronically.

ELECTRONIC ATTENDANCE

Roll Call

Roll call showed the following Landfill Committee Members were electronically present: Chairman Morris, Les Bergsten, Rick Fox, Steve Van Winkle and Sharon Williams – 5.

Absent: Zach Oyler and Patrick Nichting – 2.

City/County Staff Present: Bill Lewis, Jennifer Boswell, Karen Raithel and Stephanie Stapleton.

Others Present: Joyce Blumenshine, Chris Coulter, Josh Gabehart, Tim Gazza, Steve Harenburg, Joyce Harant, 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

Mr. Van Winkle moved to approve the Minutes of the Regular Meeting of the Peoria City/County Landfill Committee held on June 17, 2020, as printed; seconded by Mr. Bergsten.

Approved by roll call vote:

Yeas: Morris, Bergsten, Fox, Van Winkle, Williams – 5.

Nays: None

AGENDA ITEMS

In discussion with Chairman Morris, Assistant State's Attorney, Jennifer Cordis-Boswell informed the Committee that roll call votes would be required for all meetings being held in an electronic format.

ITEM No. 1: REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT, LLC

A. Special Waste Approvals As Needed

Mr. Gabehart stated that there was one (1) waste profile (626720IL) from Midwest Generation-Powerton that required the Committee's approval. He said there were four (4) pre-approved waste profiles:

- Profile #626390IL from Limestone Walters Public Water District was pre-approved per the Sandblast Grit Policy
- Profile 626662IL from Core Acquisitions was pre-approved per the Asbestos Containing Materials Policy
- Profile 626795IL from David Johnson was pre-approved per the Asbestos Containing Material Policy.
- Profile 626810IL from IDOT was pre-approved per the contaminated soil and debris policy.

Mr. Gabehart stated that there were no technical objections to the landfill receiving this waste based on information provided to Foth Infrastructure & Environment, LLC.

Mr. Bergsten moved to approve the special waste profile #626720IL from Midwest Generation-Powerton; seconded by Mr. Van Winkle.

Approved by roll call vote:

Yeas: Morris, Bergsten, Fox, Van Winkle, Williams – 5.

Nays: None

B. Permit Approvals As Needed

Mr. Gabehart gave a brief overview of the submittal that required the Committee's approval. He explained that the flare was shut down for 43 hours and 12 minutes on July 11th; and another shutdown occurred on July 14th and lasted for 13 hours and 29 minutes. He further explained that the flare system operated as designed and there were no releases of landfill gas to the atmosphere. He noted that the flare restarted with no issues. He indicated the cause of the flare shutdowns were related to storm events and subsequent power outages.

Further, Mr. Gabehart 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 meeting.

Mr. Bergsten moved to approve securing Chairman Morris' signature for the 405-CAAPP forms and for permit approvals, should the need arise; and seconded by Mr. Fox.

Approved by roll call vote:

Yeas: Morris, Bergsten, Fox, Van Winkle, Williams – 5.

Nays: None

C. Updates Regarding Compliance Activities, Measures & Progress

Financial Information

Mr. Gabehart outlined the engineering services provided through July 31, 2020. He said the total amount billed to date was \$25,576.37. Currently, Foth was at the planned budget for this period.

Updates Regarding Compliance Activities, Measures, and Progress

- There were two shutdowns during July requiring a 405 – CAAPP form. The two events where the flare shut down, the automatic restart cycle attempted but was unable to re- light the flare. On July 11th, the flare was down for 43 hours and 12 minutes before it was able to be ignited due weather related event and power outage. On July 14th through 15th, the flare was down for 13 hours and 29 minutes and due to weather related event and power outage. In both instances the landfill gas system functioned as designed to reduce excess emissions to the atmosphere.
- The average landfill gas methane content at the flare was 43% for the months of June and July.
- Wellhead repairs were completed and repairs will continue as they arise and are accessible. Some typical repairs include replacing flex hose connections, sample ports, valve operation and sealing for air leaks.
- For the months of June and July, 50,000 gallons of leachate was transported off-site for treatment.
- Solar sumps are running and minor repairs are made as needed and liquid removal is continuing.
- Electrical repair to recirculation pump is scheduled for week of August 10.
- Piping has been exposed and elevations compared to historical as built. Construction is set to be complete in the coming months. The entire valve must be replaced.
- Monthly tonnages are attached and June and July are below last year's reports year over year, but below the 3 year average. General MSW Tonnages are below 2019 pace by 3,200 tons while special/profiled wastes are up by 1,470 tons. Total receipts are below 2019 pace by 1,735 tons or 1.8% down from 2019. Foth and City staff will continue to monitor the tonnages as COVID-19 Impacts to construction and commercial activities resumes. There are no recommended changes to plan at this time. Below last year's tonnage by 1,700 tons.

In discussion with Mr. Gabehart, Mr. Johnson pointed out that tonnages were down by at least 20% at many landfill sites.

The Committee thanked Foth for their report.

No action required.

D. Request to Approve the Renewal of the License Agreement for Hunting & Fishing Rights with Steve Harenburg for Two Years from June 1, 2020 to March 31, 2022

Mr. Gabehart explained that the extension would be for an additional two years on a portion of the 295 acre parcel permitted for the construction and operation of Peoria City County Landfill No. 3. The two year period would provide Mr. Harenburg and Peoria Disposal Company time to transition as construction begins for the facility.

Mr. Harenburg informed the Committee that the property taxes had been paid for this parcel.

In discussion with Chairman Morris regarding the proposed agreement, Mr. Gabehart stated that the Assistant State's Attorney had not yet reviewed the license agreement; therefore, the approval would be contingent upon the State's Attorney's final review.

Mr. Bergsten moved to approve the renewal of the License Agreement for Hunting & Fishing Rights with Steve Harenburg for two years from June 1, 2020 to March 31, 2022, subject to review and approval by the State's Attorney's Office; seconded by Mr. Van Winkle.

Approved by roll call vote:

Yeas: Morris, Bergsten, Fox, Van Winkle, Williams – 5.

Nays: None

ITEM NO. 2: REPORT FROM PUBLIC WORKS ADMINISTRATION

A. Landfill Monthly Budget Report

Mr. Lewis gave a brief overview of the Committee's monthly budget. He reviewed the unaudited revenue and expense financial report for financial transactions that occurred from January through July. The report included lease payments received for June and July as well as the expenses that were processed in July. He indicated that the expenses showed a higher June net balance of \$37,800 compared to the negative net balance in July of \$11,946. Overall, net balance is \$29,733 (positive). He also pointed out that the host fees were down in June 2020 in comparison to last year; however, he said he felt that things were on track.

He stated the monthly Cash Flow Statements were provided by the City's Finance Department. Cash balance at the end June was \$473,152.59 and at the end of July \$461,206.53.

No action required.

ITEM NO. 3: REPORT FROM WASTE MANAGEMENT

A. Monthly Activity Report

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

B. Permit Approvals As Needed

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 meeting, subject to review and approval in advance by Foth.

Mr. Fox moved to approve WM report and securing Chairman Morris' signature for permits, subject to review and approval in advance by Foth; seconded by Mr. Bergsten.

Approved by roll call vote:

Yeas: Morris, Bergsten, Fox, Van Winkle, Williams – 5.

Nays: None

ITEM NO. 4: REPORT FOR PEORIA DISPOSAL CO.

A. Update on Dam and Wetland Designs for the Lake Rehabilitation and Wetland Enhancement Project

Mr. Coulter informed the Committee that PDC Technical Services, Inc. (PDCTS) conducted a meeting with representatives from Hanson Professional Services (Hanson) on August 7th. He stated that Hanson provided multiple design options to PDCTS for the dam design as well as the wetland design for the Lake Rehabilitation and Wetland Enhancement Project.

On September 3rd, a meeting would be held with PDCTS, Foth and Hanson to review the specific designs that it had been chosen for the Lake Rehabilitation and Wetland Enhancement Project. Pending Foth's input on these designs, he said PDCTS and Hanson would deliver a presentation to the Landfill Committee on September 16th or October 21st, which would show its proposed dam and wetland design for the lake. In addition, Hanson is hopeful that the Landfill Committee would approve the permit applications for submittal with the Illinois Department of Natural Resources (IDNR) and the U.S. Army Corps of Engineers (USACE) at the Landfill Committee's meeting on October 21st or November 18th. The goal is to have the permits with IDNR and USACE by December. If possible, he'd like to have the Committee meet in person to view the presentation.

No action required.

UNFINISHED BUSINESS

ITEM No. 2-2019

UPDATE ON CONSTRUCTION ACTIVITIES FOR LANDFILL No. 1

Mr. Gabehart noted that the update was provided in their report under Item No. 1.

NEW BUSINESS

Standards for the Disposal of Coal Combustion Residual (CCR)

Ms. Joyce Blumenshine, Heart of Illinois Sierra Club, gave a brief update regarding several public hearings with the Illinois Pollution Control Board. She said the board was reviewing proposed rules for handling coal combustion residual (CCR) which is a result of burning coal from coal-fired power plants. She explained that the proposed state rules are under consideration. She indicated that these rules would set up the specifics for what would happen at coal-fired power plants and locations of the impoundments. In 2022, she noted that the Edwards Power Plant would be closing.

Further, Mr. Blumenshine indicated that the proposed rules gave consideration to transportation as it would pertain to safe means for hauling coal ash by truck, rail or barge. If the Committee would choose to comment to support the proposed rules, the last date for receipt of comments would be October 30, 2020, she said.

As it pertained to the future of Landfill No. 3, she felt there would be a need for coal ash disposal areas, which would have revenue advantages and a public service to the area. She noted that there were several coal-fired plants along the river valley that would be closing at some point.

Mr. Fox noted that the Committee had weighed in in support of rules that would allow coal ash (CCR) to be protected the same as municipal waste being placed in a lined landfill. He encouraged the Committee to reiterate their support at this stage in the rule making process.

Mr. Johnson stated when coal combustion residual is mixed with municipal solid waste it would generate sulfates and odors unless it was monofilled.

Mr. Coulter agreed with Mr. Johnson. If this were to be done for Landfill No. 3, he said a dedicated cell of monofill would need to be set aside to separate the coal ash from the municipal waste. Furthermore, he pointed out that Landfill No. 2 had rich methane gas and he hoped to have the same in Landfill No. 3.

In discussion with Chairman Morris regarding the volume of coal ash impoundments that would be received from various plants, Ms. Blumenshine stated that the volumes could vary.

Mr. Gabehart stated that he would reach out to several plants that Foth had worked with in the past on future designs to see if he could get a few comparisons.

Mr. Coulter mentioned that the volumes could range from a half-million to two million tons.

Ms. Williams indicated that she was not familiar with the topic of discussion and requested that additional information be sent to bring her up-to-date.

In discussion with Chairman Morris, Mr. Gabehart stated that the information that pertained to coal combustion residual had changed over the years; therefore, he would work with Waste Management and Peoria Disposal Company to provide an updated overview to the Committee.

Chairman Morris questioned how the Committee would like to proceed with this matter.

Mr. Fox reiterated that additional information should be provided to the Committee to bring them up-to-speed on the topic in order for them to make a recommendation. He hoped that this item would be included on the agenda as an action items for the next upcoming meeting.

Chairman Morris stated that he was sensitive to the timeline for this request and would entertain having a meeting in September.

Mr. Van Winkle also requested that additional information be provided.

Mr. Fox recommended that the Committee use the same format to voice their support as outlined in a previous letter submitted by the Committee in 2014.

Chairman Morris thanked Ms. Blumenshine and Mr. Fox for bringing this to the Committee's attention and keeping on their radar.

Chairman Morris also thanked PDC for hosting the Landfill meeting.

REGULAR MEETING

Chairman Morris stated that if the Committee had any actionable items then he would reach out to the Committee to determine the next scheduled meeting. He indicated that ample notice would be given for the next meeting.

EXECUTIVE SESSION

It was determined that no executive session would be needed at this time.

Adjournment

There being no further discussion, the Chairman declared the adjourned. The meeting adjourned at 3:37 p.m.

Chairman Stephen Morris

/ss

:OFFICIAL PROCEEDINGS:

:FOR THE PEORIA CITY/COUNTY LANDFILL COMMITTEE SPECIAL MEETING:

OCTOBER 7, 2020

A Special Meeting of the Peoria City County Landfill Committee was held on October 7, 2020, at 3:00 p.m. at the Twin Towers Plaza located at 456 Fulton Street, Room 420 with Chairman Morris presiding, and with proper notice having been posted.

In accordance to Governor JB Pritzker's Executive Order 2020-43 which continues to limit any gatherings of more than fifty people, and Executive Order 2020-44 requiring the provision of video, audio or telephonic access to meetings – and the Centers for Disease Control (CDC) recommends social distancing of at least six feet between persons. To comply with the Open Meetings Act the Peoria City/County Landfill Committee meeting will be held electronically.

ATTENDANCE

Roll Call

Roll call showed the following Landfill Committee Members were present: Chairman Morris, Les Bergsten, Rick Fox, Patrick Nichting, Steve Van Winkle and Sharon Williams – 6.

Absent: Zach Oyler – 1.

City/County Staff Present: Janice Little (called in), Bill Lewis, Reginald Coleman, Karen Raithel and Stephanie Stapleton.

Others Present: Joyce Blumenshine, Chris Coulter, Josh Gabehart, Tim Gazza, Steve Harenburg, Dr. Charles Hostetler, Ian Johnson, Kevin Seals, Scott Arends, Andy Canopy, George Armstrong, Mark and Gloria Stegmaier, Brian Rogers, Alisha Weatherspoon, 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.

AGENDA ITEMS

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

A. Special Waste Approvals As Needed

Mr. Gabehart stated that there were seven (7) pre-approved waste profiles. He stated that there were no technical objections to the landfill receiving this waste based on information provided to Foth Infrastructure & Environment, LLC.

1. Profile 626871IL from Reids Mobil Service was pre-approved per Contaminated Soil and Debris Policy
2. Profile 626950IL from Doug Toepper was pre-approved per the Asbestos Containing Material Policy.
3. Profile 626970IL from Brian Bragg was pre-approved per the Treated Wood-Weathered Policy.
4. Profile 626988IL from Koppers Inc. was pre-approved per the Asbestos Containing Material Policy.
5. Profile 627133IL from City of Peoria was pre-approved per the Contaminated Soil and Debris Policy.
6. Profile 627150IL from Village of Galva was pre-approved per the Sandblast Grit Policy.
7. Profile SM 5081 from River City Demolition was pre-approved per the Asbestos Containing Material Policy and is a renewal of a previously approved profile.

No action required.

B. Permit Approvals As Needed

- 405-CAAPP Forms for Flare Shutdown that Exceeded the One Hour Duration
- PCC LF1 Significant Modification Permit Application Concerning the Acetone Concentration at Groundwater Monitoring Well G26S.
- Annual Maintenance Certification – LF2 Strip Mine Dam; Dam ID IL50403

Mr. Gabehart gave a brief overview of the submittals that required the Committee's approval. On August 16, 2020, he said the flare was shut down for 7 hours and 18 minutes. He further explained that the flare system operated as designed and there were no releases of landfill gas to the atmosphere. He noted that the flare restarted with no issues. He said the automatic lighting cycle failed, which caused the flare to shut down.

Mr. Gabehart said a significant modification permit application would be submitted for an alternate source demonstration regarding the acetone concentration at upgradient groundwater monitoring well G26S.

Further, Mr. Gabehart explained that the Landfill Committee was required to submit an annual dam owners Maintenance certification per Illinois Department of Natural Resources (IDNR) regulations stating that maintenance was conducted and if the maintenance plan needed to be revised. He further explained that Waste Management was contractually obligated to conduct maintenance on the dam and had met the requirements of the approved maintenance plan. He stated that Foth had conducted the annual inspection on September 22, 2020, and recommended signature and submittal to the IDNR with no changes to the maintenance plan.

Mr. Gabehart 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 meeting.

Ms. Williams moved to approve securing Chairman Morris' signature for the 405-CAAPP forms, PCC LF 1 Significant Modification Permit Application, Annual Maintenance Certification and obtain Chairman Morris' signature for permit approvals, should the need arise; and seconded by Mr. Van Winkle

The motion was approved by viva voce vote.

C. Updates Regarding Compliance Activities, Measures & Progress

Financial Information

Mr. Gabehart outlined the engineering services provided through September 30, 2020. He said the total amount billed to date was \$66,073.58. Currently, Foth was below the planned budget for this period.

Updates Regarding Compliance Activities, Measures, and Progress

- There was one shutdown during August requiring a 405 – CAAPP form. On August 16 the flare shut down and the automatic restart cycle attempted but was unable to re-light the flare. The flare was down for 7 hours and 18 minutes before it was able to be accessed remotely to be re-ignited. The landfill gas system functioned as designed to reduce excess landfill gas emissions to the atmosphere.
- The average landfill gas methane content at the flare was 34% for the months of August and September.
- Wellhead repairs were completed and repairs will continue as they arise and are accessible. Some typical repairs include replacing flex hose connections, sample ports, valve operation and sealing for air leaks.
- During the months of August and September 10,000 gallons of leachate was transported off-site for treatment. It is not unusual for leachate production to slow during this time of year.
- A new motor was installed on the recirculation pump in L303. Leachate is again being pumped through the recirculation as designed and levels are dropping.
- Plans are being adjusted based on onsite survey and exposure of the system. A valve is also being repaired in another area of the landfill while the crew is onsite.
- Monthly tonnages are attached and August and September below and above, respectively, 2019 tonnage reports. General MSW Tonnages are below 2019 pace by 1,280 tons while special/profiled wastes are up by 950 tons. Total receipts are below 2019 pace by about 300 tons or less than 1% down from 2019. Foth and City staff will continue to monitor the tonnages as COVID-19 Impacts to construction and commercial activities resumes. There are no recommended changes to plan at this time.

The Committee thanked Foth for their report.

No action required.

D. Coal Combustion Residual Presentation

Mr. Gabehart provided a presentation regarding Coal Combustion Residuals as well as the proposed permitting and the rulemaking process in Illinois that was currently being presented. He gave a brief overview of the presentation and provided some historical data to bring the Committee up-to-date. He noted that the Committee weighed in on this matter in 2014 to support the rulemaking process.

Mr. Gabehart stated that Foth had been asked to compose a letter supporting the rulemaking process by the Illinois Pollution Control Board (IPCB). He indicated that public comments were due to the IPCB by October 30, 2020.

Mr. Fox moved to receive and file the presentation, approve the letter submitted on behalf of the City/County Landfill Committee supporting CCR Surface Impoundment Permitting and Rulemaking Process; and authorize Chairman Morris' signature on behalf of the Committee; seconded by Mr. Nichting.

Mr. Nichting questioned whether this product would be accepted at some point in the Landfill. Mr. Gabehart stated that it would depend on the regulations and the requirements.

Discussions were held about the rulemaking process, benefits and impacts to the Landfill, and the value of the Committee supporting the rulemaking process.

Chairman Morris stated the changes could be made to the proposed letter; however, if the Committee decided not to support this effort then the letter would not be submitted. He reiterated that the Committee had supported this effort in 2014.

Motion to receive and file the presentation, Approve letter supporting CCR Surface Impoundment Permitting and Rulemaking Process and Authorize Chairman Morris' Signature on behalf of the Landfill Committee was approved by viva voce vote.

ITEM NO. 2: REPORT FROM PUBLIC WORKS ADMINISTRATION

A. Landfill Monthly Budget Report

Mr. Nichting moved to defer the budget report to the next scheduled meeting; seconded by Ms. Williams.

The motion was approved by viva voce vote.

ITEM NO. 3: REPORT FROM WASTE MANAGEMENT

A. Monthly Activity Report

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

B. Permit Approvals As Needed

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

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

The motion was approved by viva voce vote.

ITEM NO. 4: REPORT FOR PEORIA DISPOSAL CO.

A. Hanson Presentation on Dam and Wetland Designs for the Lake Project

Mr. Coulter introduced representatives from Hanson.

The team from Hanson Engineering provided a presentation of the Conceptual Lake Rehabilitation and Wetlands Enhancement project. They discussed at length the various stages of the project and the permitting processes for the upcoming work.

The Committee thanked Mr. Coulter and Hanson Engineering.

No action required.

UNFINISHED BUSINESS

NONE.

NEW BUSINESS

NONE.

REGULAR MEETING

Chairman Morris stated that the regular meeting scheduled for October 21, 2020, would be canceled. He mentioned that he'd like to space the meetings out in six-week intervals; however, if the Committee had any actionable items then he would reach out to the Committee to determine the next scheduled meeting. He indicated that ample notice would be given for the next meeting.

EXECUTIVE SESSION

It was determined that no executive session would be needed at this time.

Adjournment

There being no further discussion, the Chairman declared the adjourned. The meeting adjourned at 4:57 p.m.

Chairman Stephen Morris

/ss

:OFFICIAL PROCEEDINGS:

:FOR THE PEORIA CITY/COUNTY LANDFILL COMMITTEE

MEETING:

Wednesday, December 9, 2020

A Special Meeting of the Peoria City/County Landfill Committee was held on December 9, 2020, at 3:00 p.m. via Zoom with Chairman Morris presiding, and with proper notice having been posted.

In accordance to Governor JB Pritzker's Executive Order 2020-43 which continues to limit any gatherings of more than fifty people, and Executive Order 2020-44 requiring the provision of video, audio or telephonic access to meetings – and the Centers for Disease Control (CDC) recommends social distancing of at least six feet between persons. To comply with the Open Meetings Act the Peoria City/County Landfill Committee meeting will be held electronically.

ELECTRONIC ATTENDANCE

ROLL CALL

Roll call showed the following Landfill Committee Members were electronically present: Chairman Morris, , Rick Fox, Zac Oyler, and Sharon Williams, Patrick Nichting

CITY/COUNTY STAFF PRESENT: Bill Lewis, Karen Raithel and Vanessa Altpeter.

OTHERS PRESENT: Joyce Blumenshine, Chris Coulter, Josh Gabehart, Steve Harenburg, Joyce Harant, 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.

AGENDA ITEMS

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

(A) SPECIAL WASTE APPROVALS AS NEEDED

Gabehart requested to receive and file three (3) pre-approved waste profiles. Two (2) for soil and Debris and one (1) for Asbestos containing material. Profile 627446IL from Illinois Department of Transportation was pre-approved per the Contaminated Soil and Debris Policy. Profile 627494IL from Chris Over was pre-approved per Asbestos Containing Material Policy. Profile 627632IL from DA Hoerr and Sons Inc., was pre-approved per the Contaminated Soil and Debris Policy.

(B) PERMIT APPROVALS AS NEEDED

Approval request for Chairman Morris' signature for the Annual Evaluation of Corrective active Measures for EPA facility.

PCC LF1 - Evaluation of Corrective Action Measures for the Landfill Gas/Groundwater Issues at Groundwater Wells G04S and R1OS due to IEPA January 15, 2021.

Gabehart gave an overview of their talks about the compilation of ground water concentration levels at two wells, landfill gas head space monitoring at the wells G03S, G04S, G05s, R1OS, G25S and G26S.

The Corrective Action Update Report is 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.

Oyler moved to approve proposed permit approvals and to any other prospective approvals before next meeting; Seconded by Mr. Fox.

Approved by roll call vote:

Yeas: Morris, Williams, Fox, Oyler

Nays: None

Morris suggested a motion and vote to suspend committee rules thus allowing remote meetings as a precautionary measure. It was noted the local committee rules require in person meetings like the countywide does, all that is needed to comply is the committee to vote on the suspension of the rules to conduct meetings by remote means.

William moved to approve remote meeting structure and suspension of local committee rules; Seconded by Oyler.

Approved by roll call vote:

Yeas: Morris, Williams, Fox, Oyler

Nays: None

(C) UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES & PROGRESS

Gabehart brought two (2) updates forth, billing through October 30th reported with regards to an extra \$13,000 on top of the \$110,361.99; tonnage reports for October and November information received from Waste Management, 2020 tonnage has decreased in comparison to 2019 due to large projects that caused it to be an outlier.

No Action Needed.

(D) REQUEST TO APPROVE THE LEACHATE HAULING RATE ADJUSTMENT WITH PEORIA DISPOSAL COMPANY (PDC).

Request to approve a leachate hauling cost adjustment of 2% for Peoria Area Disposal company for landfill No.1. This new cost should cover a five-year unit cost. For any reason if the cost should increase, a request for proposals will be made to seek a new potential service provider.

Documents have been provided to the State's Attorney's Office for review, motion needed to approve changes, corrections, and comments.

Fox moved to approve changes and comments provided from the State's Attorney's Office; Williams seconded.

Approved by roll call vote:
Yeas: Morris, Williams, Fox, Oyler
Nays: None

ITEM NO. 2 A REQUEST TO ADOPT A BUDGET FOR PCCL FOR 2020 FISCAL YEAR

Williams moved to approve budget; seconded by Oyler.

Lewis noted total revenues earned was \$471,400.00. Expenses, Municipal reimbursements remain the same, consultant services have been moved to landfill 1-gas system line item. Contracted Capital Improvements has an additional line item in the non-permit property maintenance to repair erosion encountered from a July storm. Committees operations expenses and unplanned contingency remained relatively the same. With all projected revenues and expenses for the year 2021, there is a surplus of \$12,900.

Fox raised a question about how leachate system fits in the budget. Gabehart noted last year 2019, the committee authorized the approval of \$250,000.00, that still stands, the payment will be made from the reserved fund.

Approved by roll call vote:
Yeas: Morris, Williams, Fox, Oyler, Nichting

Nays: None

ITEM NO. 3 REPORT FROM PUBLIC WORKS ADMINISTRATION

A. Landfill Monthly Budget Report

ITEM NO. 4 REQUEST TO APPROVE THE 2021 LANDFILL COMMITTEE MEETING SCHEDULE

Nichting moved to approve Committee Schedule; seconded by Oyler.

Chairman Morris started with the background information about cancelling the previous meeting because of the COVID restrictions and continuing with remote sessions at present. Also, a meeting schedule laid out with intervals between six (6) weeks instead of our regular four (4) week intervals starting from January 27, 2020 through December 8, 2021.

Pushing back January meeting is to allow some time to PDC to complete any work on their end with regards to wet land enhancement project.

Approved by roll call vote:

Yeas: Morris, Williams, Fox, Oyler, Nichting

Nays: None

ITEM NO. 5 REPORT FROM WASTE MANAGEMENT

A. **MONTHLY ACTIVITY REPORT**

Weekly loaded random checks were done with zero issues.

B. **PERMIT APPROVALS NEEDED**

Requesting an authorization from Chairman Morris on foreseeing permit applications that arise and report

Fox moved to approve permit approvals that may arise prior to the next meeting; seconded by Oyler.

Approved by roll call vote:

Yeas: Morris, Williams, Fox, Oyler, Nichting

Nays: None

ITEM NO. 6 REPORT FROM PDC TECHNICAL SERVICES

A. **UPDATE ON HANSON PROFESSIONAL SERVICES AND PDC TECHNICAL SERVICES WEBEX MEETING WITH U.S ARMY CORPS OF ENGINEERS**

No Action Needed.

B. **STEVE HARENBERG'S NEW ROLE WITH PDC**

No Action Needed.

Nichting has a question to Coulter as in whether he got a chance to speak with city manager with regards to the relocation of the road as to eliminate the location of the free dumps.

Coulter has not had the opportunity to speak with City Manager. They were trying to figure out a way not to obstruct the entrance road. Entrance road will be one (1) lane not two (2). Planned to meet with a contractor to avoid closure of the entrance road. At least for now the service to our citizens to allow free dumps would continue unobstructed.

UNFINISHED BUSINESS

No additional updates

NEW BUSINESS

None

NEXT MEETING

The next scheduled meeting will be held on January 27th, 2021 AT 3:00 p.m.

EXECUTIVE SESSION

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

ADJOURNMENT

The Peoria City/County Landfill Committee Meeting adjourned at 3:40 p.m.

Chairman Stephen Morris

: OFFICIAL PROCEEDINGS:

: FOR THE PEORIA CITY/COUNTY LANDFILL COMMITTEE SPECIAL MEETING:

January 27, 2020

A Regular Meeting of the Peoria City County Landfill Committee was held on January 27, at 3:00 p.m. via Zoom with Chairman Morris presiding, and with property notice having been posted.

Governor JB Pritzker's Executive Order 2020-10, issued on March 20, 2020, prohibits all public and private gatherings of 10 people or more in a single room or single space at the same time. The Centers for Disease Control and Prevention (CDC) recommends gatherings of no more than 10 people in a single room or space and social distancing of at least six feet between persons. To comply with the Open Meetings Act the Peoria City/County Landfill Committee meeting will be held electronically.

Chairman Morris called the meeting to order at 3:00 p.m. as quorum was present.

Requested a motion to conduct the meeting via zoom given the governor's orders regarding the meetings and the waivers and requirements.

Moved by Van Winkle; Seconded by Williams.

Approved by Roll Call Vote:

Yeas: Van Winkle, Williams, Oyler, Fox, Nichting, Bersten

Nays: None

ELECTRONIC ATTENDANCE

PRESENT

The following Landfill Committee Members were electronically present: Chairman Morris, Rick Fox, Patrick Nichting, Steve Van Winkle, Sharon Williams, and Zach Oyler, Les Bergsten.

ABSENT:

CITY/COUNTY STAFF PRESENT: Janice Little, Bill Lewis, Jennifer Boswell, Karen Raithel and Vanessa Altpeter.

OTHERS PRESENT: Joyce Blumenshine, Chris Coulter, Josh Gabehart, Tim Gazza, Steve Harenburg, , Kevin Seals, Scott Arends, Andy Canopy, Mike Wiersema, Ian Johnson

ANNOUNCEMENTS

NONE.

CITIZENS OPPORTUNITY TO ADDRESS THE COMMITTEE

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

Joyce Blumenshine wanted to address an agenda item that may be addressed by Foth. Water pollution concern issues have been from alternative sources. Would like to know if there have ever been any that have not been due to alternative sources and how that determination is made. Foth will address during their updates.

AGENDA ITEMS

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

A. PROFILED WASTE APPROVALS AS NEEDED

No waste profiles for approval needed.

B. SIGNATURE REQUEST AS NEEDED

Gabehart requested for Chairman Morris' signature on four (4) items.

- PCC LF1 – CAAPP Semi-Annual Startup, Shutdown, and Malfunction Plan (SSMP) Report due (January 31, 2020)
- PCC LF1 – CAAPP Semi-Annual New Source Performance Standards (NSPS) Report due (January 31, 2020)
- PCC LF1 – CAAPP Semi-Annual Air Monitoring Report due (January 31, 2020)
- 405-CAAPP Forms for Two Flare Shutdowns that Exceeded the One Hour Duration

There were two flare shutdowns one occurring on January 2, 2021, and the other on January 13 of 2021. The shutdown on January 2nd lasted for 4 hours and 14 minutes and the January 13th shutdown lasted for 26 hours and 12 minutes. The flare system operated as designed and there were no releases of landfill gas to the atmosphere. The cause of the January 2nd flare shutdown was the automatic ignition failed without a manual reset and the January 13th shutdown was the result of an electric breaker tripping, cutting off power to the blower and for an unknown reason, resulted in a no call out alert that the flare was down.

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.

Bergsten moved to approve signature requests that might be needed before the next meeting;
Seconded by Van Winkle.

Approved by Roll Call Vote

Yeas Morris, Fox, Nichting, Van Winkle, Williams, Oyler, Bergsten
Nays: None.

Bergsten moved to approve the two (2) permit exceedance for Flares; Seconded by Fox.

Approved by Roll Call Vote

Yeas Morris, Fox, Bergsten, Nichting, Van Winkle, Oyler, and Williams
Nays: None.

C. UPDATES REGARDING COMPLIANCE ACTIVITIES, MEASURES, & PROGRESS

Foth requests to Receive and File Report

The total amount billed to date is \$152,369.24. Currently, the total spend is 33.1% of the July 1, 2020 through December 31, 2021 contract, whereas the planned budget spend was projected at 33.3%.

During maintenance activities from the shutdown, Foth noticed the blower motor drawing more amperage and a vibration in the blower fan when the unit shutdown. Foth is researching a rebuild or replacement of the blower unit to determine options in the future. We will report back to the Committee next meeting on our progress and if replacement is warranted.

Monthly tonnage for December and 2020 tonnage is attached and is below 2019 accepted tons. General MSW was above 2019 rate but profiled waste tonnages were below 2019 about 10,000 tons. Foth and City staff will continue to monitor the tonnages as COVID-19 Impacts to construction and commercial activities resumes. There are no recommended changes to plan at this time.

D. GATE AUDIT

RECEIVE AND FILE REPORT

Gabehart noted, a gate audit was conducted by Foth at the landfill scale house to verify the Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill are being followed.

Due to COVID and to comply with current social distancing guidelines. A gate audit was conducted over the phone with scale house personnel.

- Incoming special and certified non-special waste loads were assigned a unique profile number and approved by Waste Management and Foth prior to acceptance at the landfill.
- A visual inspection of loads is performed by scale house personnel to eliminate prohibited items from being disposed in the landfill.
- There were no rejected loads in 2020.
- The weekly random checks as required by Part II. Section 22. of the permit were completed by Waste Management personnel and are filed in the gate house.
- Current Procedures (gate control, rejected load) are on file at the scale house. Training and Health and Safety Supplies
- Training records are current and filed in the scale house.
- Safety and health supplies and equipment are onsite if needed.

A review of records and conversations with scale house personnel indicate there were no issues or inconsistencies that need to be addressed. The scale house attendant was very helpful in assisting Foth during this hybrid audit.

E. LANDFILL 1 GROUNDWATER UPDATE

Foth is contracted to provide routine groundwater submittals to the Illinois Environmental Protection Agency.

Assessment monitoring for the acetone concentration at well G25S and G26S in 2021. Due to confirmed acetone concentrations above the applicable groundwater quality standard/maximum allowable predicated concentration (AGQS/MAPC) value at wells G25S and G26S in 2020. Assessment monitoring for the acetone concentration will take place in 2021. This includes additional sampling and evaluation to determine if the landfill is the source of the elevated acetone levels.

Permit Modification No. 113 (dated April 24, 2020)

Log No. 2020-048 Approved the alternate source demonstration for the dissolved chloride concentration at well G02S. The few observed increases of dissolved chloride over AGQS/MAPC values appeared false positives and determined to be not landfill related. Groundwater well G02S returned to the routine semi-annual sampling schedule.

Log No. 2019-399 Approved the alternate source demonstration concerning the dissolved and total nitrate concentrations at upgradient monitoring wells and whether there is a need to establish new site interwell AGQS/MAPC values. A new total nitrate interwell value was approved, changing the interwell AGQS/MAPC value from 0.09 mg/l to 0.55 mg/l, which is a better indicator of groundwater conditions and possible impacts from the landfill. It was determined that the dissolved nitrate permit interwell value of 1.0 mg/l was appropriate and calculation of a new interwell value was not requested.

Permit Modification No. 112 (dated November 14, 2019)

Log No. 2018-142 Approved the alternate source demonstration for the for the total phenols concentration at well G12S. The few total phenol concentrations over the AGQS/MAPC value were determined to be not related to the landfill and well G12S returned to routine semi-annual sampling.

Fox: Where GS26 & 25 are located in landfill one and what was the work conducted with JC Dillon?

Gabehart noted they are by the upgradient side, near the old compost and entry area.

JC Dillon conducted a survey at the end of fall 2019, Foth and Dillon have a crew working in the area of the T and R lines. New gas extraction well will be installed in the area where we have detection of methane.

ITEM NO. 2 **REPORT FROM PUBLIC WORKS ADMINISTRATION**

A. LANDFILL MONTHLY BUDGET REPORT

The report includes prior year actual and current year budget for

comparability. Actual cash balance at December 31, 2020 of \$491,277.42 reflects the unreconciled liabilities incurred in 2020, but not paid out until January 2021. Therefore, the unprocessed liabilities result in an overstatement of PCCL's cash position at the end of December.

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

A. MONTHLY ACTIVITY REPORT

1. All weekly random load checks were completed and documented with no issues to report.
2. Waste Management is requesting Mr. Morris' signature on the following regulatory submittals, subject to review and approval in advance by Foth:
 - a. **2020 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 PCC#1 and PCC#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. **2021 5-year operating permit renewal and closure/post closure cost estimate update for LF#2.** This submittal is required by the PCC#2 IEPA operating permit. This application renews the IEPA-Bureau of Land operating permit and also 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. The renewal application is due June 1st, 2021.
 - c. **2020 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, 2021. Calculations for the remaining airspace are based upon 2020 incoming tonnages and waste densities. This report is due March 31st each year.
3. Waste Management required Chairman Morris' signature last December for the IEPA permit application form related to the 2020 PCC#2 gas system installation report. During the Fall of 2020, a portion of the active gas collection system was installed at PCC#2. Construction consisted of the installation of 4 new gas extractions wells and associated gas header piping. The installation report was completed at the end of December 2020. The report was reviewed by Foth for completeness and compliance with the site operating permit. Comments by Foth were incorporated into the final report. The report permit application was submitted to the IEPA on December 30, 2020.
4. There was a confirmed exceedance of ammonia at PCC#2 groundwater well G120 during the 4th quarter 2020 monitoring event. In accordance with the site operating permit, an alternate source demonstration application was required to be submitted to the Agency by January 24, 2021 for well G120. In addition, a permit application was due March 1, 2021 for previous exceedances of nitrate at groundwater well G116. An application to address the exceedances at both wells was prepared by Waste Management and submitted to Foth for review and comment. Foth reviewed and approved the application and Mr. Morris' signature was obtained for the application

forms. The cause of the ammonia and nitrate is due to natural conditions within the aquifer and not the landfill.

5. 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.

Bergsten moved to approve the 2020 air emission report, 5-year operating permit renewal capacity;
Seconded by Williams.

Approved by Roll Call
Yeas Morris, Fox, Bergsten, Nichting, Van Winkle, Oyler, and Williams
Nays: None.

Bergsten moved to approve short term submittals that may come up prior to the next meeting;
Seconded by Van Winkle.

Approved by Roll Call
Yeas Morris, Fox, Bergsten, Van Winkle, Oyler, and Williams
Nays: None.

B. PERMIT APPROVALS AS NEEDED
None.

ITEM NO. 4 REPORT FROM PEORIA DISPOSAL CO.

A. REQUEST TO APPROVE THE FOLLOWING SUBMITTALS BY HANSON TO THE IDNR.
On October 7, 2020, the Landfill Committee authorized Peoria City/County Landfill, Inc. (PCCLI) to proceed with preparing the subject permit documents. On behalf of PCCLI, Hanson Professional Services Inc. (Hanson) has completed the required documents

- a JOINT APPLICATION FORM FOR ILLINOIS
- b ENGINEERING DRAWINGS
- c OPERATION AND MAINTENANCE MANUAL
- d EMERGENCY ACTION PLAN

Approved by Roll Call
Yeas: Morris, Fox, Van Winkle, Williams, Oyler, Bergsten
Nays: None.

B. REQUEST TO APPROVE SUBMITTAL OF THE WETLAND COMPENSATION PLAN BY HANSON
TO USAGE

Bergsten moved to approve; Seconded by Williams

Approved by Roll Call
Yeas: Morris, Fox, Van Winkle, Williams, Oyler, Bergsten
Nays: None.

C. REQUEST TO APPROVE SUBMITTAL OF THE LANDFILL NO. 3 PERMIT RENEWAL

APPLICATION TO IEPA, SUBJECT TO FOTH'S APPROVAL

Van Winkle moved to approve; Seconded by Bergsten

Approved by Roll Call

Yeas Morris, Fox, Van Winkle, Williams, Oyler, Bergsten

Nays: None.

UNFINISHED BUSINESS

NO ADDITIONAL UPDATES

NEW BUSINESS

NONE

NEXT MEETING

THE NEXT SCHEDULED MEETING WILL BE HELD ON MARCH 31, 2021 AT 3:00 P.M.

EXECUTIVE SESSION

IT WAS DETERMINED THAT NO EXECUTIVE SESSION WOULD BE NEEDED AT THIS TIME.

Adjournment

THE PEORIA CITY/COUNTY LANDFILL COMMITTEE MEETING ADJOURNED AT 3:56 P.M.

Chairman Stephen Morris



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: March 31, 2021

ACTION REQUESTED: Approval for Chairman Morris' Signature

- PCC LF1 Annual Report for PCC LF1
- 405-CAAPP Forms for Flare Shutdowns that Exceeded the One Hour Duration.

BACKGROUND: The annual report is due May 1 and the report must contain the following information as required by 35 IAC, Section 813.504.

- Information relating to monitoring data from leachate collection system, groundwater monitoring network, gas monitoring system, and any other monitoring data specified in this permit including:
- Summary of monitoring for the calendar year
- Dates of submittal of comprehensive monitoring data to the Agency during the calendar year
- Statistical summaries and analysis of trends
- Changes to the monitoring program
- Discussion of error analysis, detection limits, and observed trends
- Proposed activities:
- Structures to be built within the next calendar year
- New monitoring stations to be installed within the next calendar year
- Any modification or significant modification affecting operation of the facility

Since the January 27, 2021 Landfill Committee Meeting there were four shutdowns that lasted longer than one hour.

1. The first shutdown occurred on February 7 was due to a winter storm and a frozen igniter system and lasted for 105 hours and 46 minutes. The duration was due to parts being delivered.
2. The next shutdown February 15, shutdown was due to a flameout and lasted for one hour and 46 minutes. Service was restored after a site visit to restore operation.
3. The February 17 shutdown was caused for an unknown reason and required an onsite inspection to correct the problem and relight the flare. This shutdown lasted 5 hours and 59 minutes.
4. The final shutdown occurred on March 9 and lasted for 19 hours. The PLC did not initiate a call out and the auto restart failed. The reason for the shutdown was unknown however, the flare shutdown process operated as designed and there were no releases of landfill gas to the atmosphere. The programmer for the PLC was

contacted regarding the issues with the daily flare check and call out function of the PLC.

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: The annual submittal is 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: March 31, 2021

ACTION REQUESTED: Committee approval required for one waste profile (Corbion, 628639IL), receive and file four pre-approved waste profiles.

BACKGROUND: Please see attached memorandum, which reviews and includes information pertaining to these profiles:

1. Profile 628639IL from Coribon (yeast extract) requires **Committee Approval**
2. Profile 628404IL from Peoria Housing Authority was pre-approved per the Contaminated Soil and Debris Policy.
3. Profile 628551IL from Western Remac Inc. was pre-approved per the Contaminated Soil and Debris Policy.
4. Profile 628605IL from County of Peoria, was pre-approved per the Contaminated Soil and Debris Policy.
5. Profile 628772IL from ComED STA 3 Powerton, was pre-approved per the Contaminated Soil and Debris Policy.

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

FINANCIAL IMPACT: Approval of Profile 628639IL will generate less than \$10.00 in host fees for the Committee. The remaining pre-approved waste profiles are expected to generate approximately \$3,500 in host fees.



Memorandum

Foth Infrastructure & Environment, LLC
2314 West Altorfer Drive
Peoria, IL 61615
(309) 691-5300 • Fax: (309) 691-1892
www.foth.com

March 31, 2021

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

CC: Bill Lewis, City of Peoria
Scott Sorrel, Peoria County

FR: Mark Williams, Foth Infrastructure & Environment, LLC

RE: Certified Non-Special and Special Waste Permit Approvals

Waste Management has presented the following waste stream.

1)

Generator/Profile	Waste Stream Info
Corbion 910 NE Adams Street Peoria, IL 61603	Tasttone yeast extract
Application Dated: 03/02/2021 Received: 03/02/2021	Used in the production of algal ingredients
Source: Peoria County Type: Non-Special Profile #628639IL	<u>Expected</u> Quantity: 1,000 pounds Frequency: One-time
Subject to County Fee: Yes Last Tested:	<u>Estimated Host Fee Revenue:</u> ~\$<10.00

Comments: This waste stream is an expired yeast extract used for the production of algal ingredients, used in skin treatments, cosmetics, moisturizing and anti-aging creams, and was certified non-special by the generator. There were no technical objections to the landfill receiving this waste based on information provided to Foth Infrastructure & Environment, LLC (Foth).

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

- Peoria Housing Authority, Profile 628404IL
 - Contaminated Soil and Debris Policy
 - 50 tons, one-time
 - Estimated Host Fee – < \$130.50
- Western Remac Inc, Profile 628551IL
 - Contaminated Soil and Debris Policy
 - 5 tons, one-time
 - Estimated Host Fee – < \$13.05
- County of Peoria, Profile 628605IL
 - Contaminated Soil and Debris Policy
 - 725 yards, one-time
 - Estimated Host Fee – ~ \$2,649.15
- ComEd STA 3 Powerton, Profile 628772IL
 - Contaminated Soil and Debris Policy
 - 300 tons, one-time
 - Estimated Host Fee – ~ \$783.00

See attached profile sheets and laboratory data

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
Attachments at the end
of Agenda Items
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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: March 31, 2021

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 February 28, 2021. The total amount billed to date is \$228,898.90. We are currently above planned spend for this time period due to several unplanned repairs to the system and regulatory submittals.

Updates Regarding Compliance Activities, Measures, and Progress

- There have been four shutdowns since the last meeting that require a 405 – CAAPP form. The shutdown on February 7 lasted for 105 hours and 46 minutes and was due to a winter storm, there was no call out, auto ignition failed and flare froze. The flare required a new ignition transformer and we replaced the spark plug. The next shutdown on February 15 shutdown lasted for 1 hour and 46 minutes. Flame was blown out, auto start failed, upon visiting the site the Nitrogen tank was switched to backup and flare was re-lit. The shutdown on February 17 flare was down for 5 hours and 59 minutes, a daily update email was not received as per the normal process and therefore Foth initiated investigating the issue and could not remote view. Upon inspection one of the thermocouples did not seem to be reading correctly, the flare was re-lit and observed. The last shut down on March 9 lasted 19 hours. Flare did not call out and auto start failed. In all cases, the landfill gas system functioned as designed to reduce excess landfill gas emissions to the atmosphere and there were no releases of landfill gas to the atmosphere.
- Foth is working to obtain quotes for the blower motor, mentioned in the last meeting, and new thermocouples. A spare ignition transformer was acquired so that there is a spare in case that part fails again in the future.
- The landfill gas methane content at the flare was 31% for February at the time of recording. This is slightly lower but the below freezing temperature caused some contraction of the above ground piping causing some air intrusion. Maintenance of the flex hosing is being conducted during the month of March.
- Wellhead repairs were completed and repairs will continue as they arise and are accessible. Some typical repairs include replacing flex hose connections, sample ports, valve operation and sealing for air leaks.
- 19,300 gallons of leachate has been transported off-site for treatment since the January 27, 2021 Landfill Committee Meeting
- Foth is working to provide J.C. Dillon with a new work order for corrective action measures and working on receiving a quote from a drilling contractor to install a new

landfill gas extraction well. Planned construction activities are for the spring. Profiles have been completed and provided to J.C. Dillon for estimating purposes.

- Monthly tonnage for January and February are attached and is well below 2020 accepted tons to date. General MSW is below by 1,958 tons and total tonnage is down 4,739 tons. There was a significant event project wrapping up at this time in 2020 which accounted for a significant amount of profiled waste accepted at the Landfill. Foth and City staff will continue to monitor the tonnages as COVID-19 recovery occurs and make suggestions in the coming meetings. There are no recommended changes to plan at this time.

FINANCIAL IMPACT: Currently, the total spend is 49.7% of the July 1, 2020 through December 31, 2021 contract, whereas the planned budget spend was projected at 45.1%. The attached monthly engineering services spreadsheet shows budgeted vs actual spends to date. This is expected to level out through the rest of the contract with annual submittals complete and construction design finalized.

Foth Infrastructure & Environment, LLC
20P300.00 - Engineering Services July 2020 - December 2021
Joint City and County of Peoria Landfill Committee

				July		August		September		October		November		December	
	Description	Beginning estimate	Current Budget Estimate	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Phase 1	General Compliance and Guidance	\$ 162,225	\$ 162,225	\$ 10,863	\$ 12,739.56	\$ 9,140	\$ 8,800	\$ 7,418	\$ 9,735	\$ 7,418	\$ 14,467	\$ 7,418	\$ 2,834	\$ 7,418	\$ 7,198
Phase 2	Groundwater Support and Data Review	\$ 61,800	\$ 61,800	\$ 2,625	\$ 3,321.04	\$ 2,625	\$ 870	\$ 3,008	\$ 1,421	\$ 2,625	\$ 8,020	\$ 2,625	\$ 995	\$ 7,092	\$ 4,415
Phase 3	Gas System and Leachate Management Operations	\$ 181,380	\$ 181,380	\$ 10,678	\$ 8,022.26	\$ 9,741	\$ 8,744	\$ 9,711	\$ 9,209	\$ 13,211	\$ 16,108	\$ 9,741	\$ 8,970	\$ 9,711	\$ 16,370
Phase 4	Landfill No. 1. Construction Engineering	\$ 21,115	\$ 21,115	\$ 1,639	\$ 1,269.48	\$ 1,639	\$ 448	\$ 1,639	\$ 373	\$ 1,639	\$ 3,226	\$ -	\$ 124	\$ -	\$ 620
Phase 5	Landfill No. 2 and No. 3 Expansion/Transition	\$ 21,425	\$ 21,425	\$ 1,190	\$ 224.03	\$ 1,190	\$ 373	\$ 1,190	\$ 523	\$ 1,190	\$ 1,045	\$ 1,190	\$ 299	\$ 1,190	\$ 149
Phase 6	Unplanned GCCS Repairs/Emergency	\$ 12,875	\$ 12,875	\$ 715		\$ 715		\$ 715		\$ 715	\$ 1,421	\$ 715	\$ 35	\$ 715	\$ -
	Total	\$460,820	\$460,820	\$27,710	\$25,576	\$25,051	\$19,236	\$23,682	\$21,261	\$26,799	\$44,288	\$21,690	\$13,255	\$26,126	\$28,752
	% Contract Months Complete			5.6%		11.1%		16.7%		22.2%		27.8%		33.3%	
	% Budget Spent			5.6%		9.7%		14.3%		23.9%		26.8%		33.1%	
	% Planned Budget Spent			6.0%		11.4%		16.6%		22.4%		27.1%		32.8%	

Operational Notes:

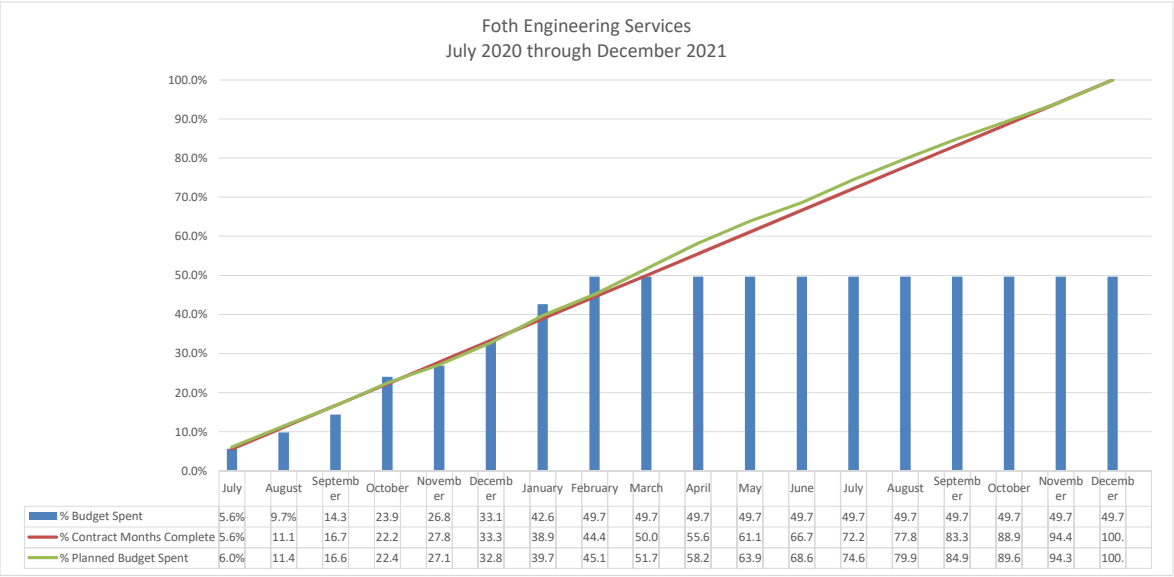
July - Routine submittals completed and LF1 construction management begins

August and September - Routine work completed, no significant unplanned items for system.

October - Construction observation started for initial work at LF1. Unplanned work and expenses related to flare operations. Power surge affected control system and monitoring system. IEPA required significant groundwater responses for reports and assessments due. IEPA Air Bureau reviewing air permit and required 2 week turn around for comments and supporting WM for site air permit.

November and December _ work on gas and leachate system continued with freezing and other repairs. Cold causes some connections to separate and action needed to reduce oxygen in the system per operating requirements. Began corrective action report due January 15 and completed other groundwater assessments.

January and February included several regulatory submittals being drafted and submitted. Additionally, review and coordination with PDC on LF3 related projects saw expenditures in LF2 and 3 transition. Construction Engineering was increased due to project work starting and submitting to contractor. Finally, both January and February had numerous unplanned repairs to the system for pumps and the flare system. Unfortunately, multiple pumps failed and required repair or replacement during this time.



Foth Infrastructure & Environment, LLC
20P300.00 - Engineering Services July 2020 - December 2021
Joint City and County of Peoria Landfill Committee

		January		February		March		April		May		June	
	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
Phase 1	General Compliance and Guidance	\$ 10,863	\$ 12,345	\$ 9,140	\$ 6,097	\$ 11,818		\$ 11,818		\$ 11,818		\$ 7,418	
Phase 2	Groundwater Support and Data Review	\$ 6,708	\$ 8,714	\$ 2,625	\$ 5,988	\$ 3,008		\$ 2,625		\$ 2,625		\$ 3,008	
Phase 3	Gas System and Leachate Management Operations	\$ 10,678	\$ 8,834	\$ 9,741	\$ 8,054	\$ 9,711		\$ 9,711		\$ 9,741		\$ 9,711	
Phase 4	Landfill No. 1. Construction Engineering	\$ 1,639	\$ 4,339	\$ 1,639	\$ 6,944	\$ 3,889		\$ 3,889		\$ -		\$ -	
Phase 5	Landfill No. 2 and No. 3 Expansion/Transition	\$ 1,190	\$ 3,689	\$ 1,190	\$ 373	\$ 1,190		\$ 1,190		\$ 1,190		\$ 1,190	
Phase 6	Unplanned GCCS Repairs/Emergency	\$ 715	\$ 5,840	\$ 715	\$ 5,313	\$ 715		\$ 715		\$ 715		\$ 715	
	Total	\$31,794	\$43,761	\$25,051	\$32,768	\$30,332	\$0	\$29,949	\$0	\$26,090	\$0	\$22,043	\$0
	% Contract Months Complete	38.9%		44.4%		50.0%		55.6%		61.1%		66.7%	
	% Budget Spent	42.6%		49.7%		49.7%		49.7%		49.7%		49.7%	
	% Planned Budget Spent	39.7%		45.1%		51.7%		58.2%		63.9%		68.6%	

Operational Notes:

July - Routine submittals completed and LF1 construction management begins

August and September - Routine work completed, no significant unplanned items for system.

October - Construction observation started for initial work at LF1. Unplanned work and expenses related to flare operations. Power surge affected control system and monitoring system. IEPA required significant groundwater responses for reports and assessments due. IEPA Air Bureau reviewing air permit and required 2 week turn around for comments and supporting WM for site air permit.

November and December _ work on gas and leachate system continued with freezing and other repairs. Cold causes some connections to separate and action needed to reduce oxygen in the system per operating requirements. Began corrective action report due January 15 and completed other groundwater assessments.

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Foth Infrastructure & Environment, LLC
20P300.00 - Engineering Services July 2020 - December 2021
Joint City and County of Peoria Landfill Committee

	Description	July		August		September		October		November		December		YTD TOTAL		
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	%
Phase 1	General Compliance and Guidance	\$ 10,863		\$ 9,140		\$ 7,418		\$ 7,418		\$ 7,418		\$ 7,418		\$ 162,225	\$ 74,215	45.7%
Phase 2	Groundwater Support and Data Review	\$ 2,625		\$ 2,625		\$ 3,008		\$ 2,625		\$ 2,625		\$ 7,092		\$ 61,800	\$ 33,744	54.6%
Phase 3	Gas System and Leachate Management Operations	\$ 10,708		\$ 9,711		\$ 9,711		\$ 9,741		\$ 9,711		\$ 9,711		\$ 181,380	\$ 84,310	46.5%
Phase 4	Landfill No. 1. Construction Engineering	\$ 1,167		\$ 1,167		\$ 1,167		\$ -		\$ -		\$ -		\$ 21,115	\$ 17,344	82.1%
Phase 5	Landfill No. 2 and No. 3 Expansion/Transition	\$ 1,190		\$ 1,190		\$ 1,190		\$ 1,190		\$ 1,190		\$ 1,190		\$ 21,425	\$ 6,676	31.2%
Phase 6	Unplanned GCCS Repairs/Emergency	\$ 715		\$ 715		\$ 715		\$ 715		\$ 715		\$ 715		\$ 12,875	\$ 12,609	97.9%
	Total	\$27,268	\$0	\$24,549	\$0	\$23,210	\$0	\$21,690	\$0	\$21,660	\$0	\$26,126	\$0	\$460,820	\$228,898.90	49.7%
	% Contract Months Complete	72.2%		77.8%		83.3%		88.9%		94.4%		100.0%				0.0%
	% Budget Spent	49.7%		49.7%		49.7%		49.7%		49.7%		49.7%				0.0%
	% Planned Budget Spent	74.6%		79.9%		84.9%		89.6%		94.3%		100.0%				

\$460,820

Operational Notes:

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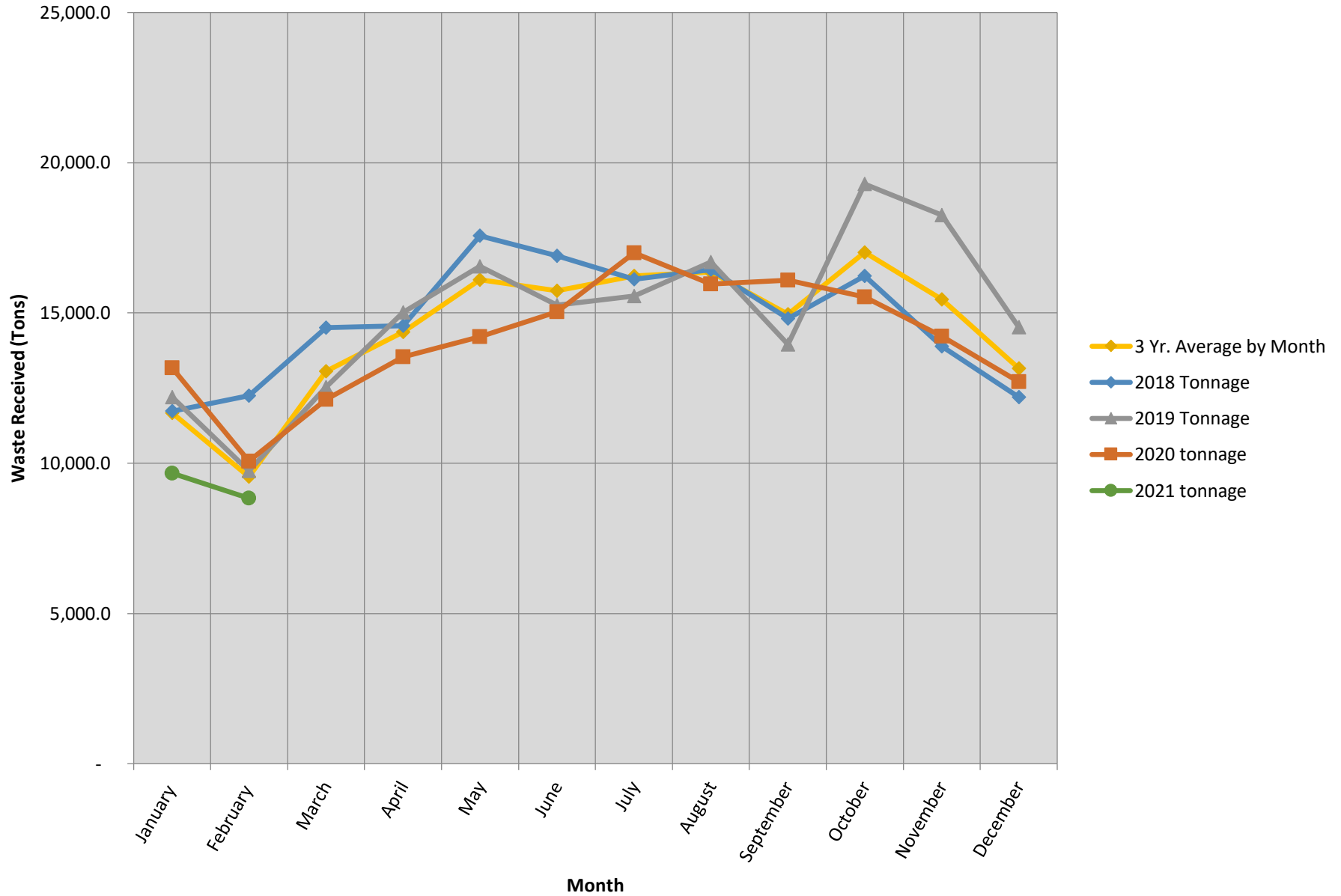
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Waste Received by Month PCCL Landfill No 2

Month	2014 tonnage	2015 tonnage	2016 Tonnage	2017 Tonnage	2018 Tonnage	2019 Tonnage	2020 tonnage	2021 tonnage	5 Yr. Average by Month	3 Yr. Average by Month
January	14,531.08	12,592.84	13,255.78	16,148.43	11,730.59	12,199.76	13,168.18	9,667.53	12,582.9	11,678.5
February	11,689.56	11,134.61	14,992.00	11,959.48	12,244.04	9,746.12	10,070.59	8,832.31	10,570.5	9,549.7
March	17,911.20	16,961.56	15,881.57	14,204.13	14,516.49	12,533.33	12,128.74		13,852.9	13,059.5
April	20,643.72	17,815.96	16,231.71	14,883.60	14,573.51	15,014.76	13,541.53		14,849.0	14,376.6
May	21,031.20	17,917.75	17,708.52	18,306.44	17,568.27	16,560.81	14,209.21		16,870.7	16,112.8
June	20,827.22	19,736.45	17,890.95	19,901.95	16,896.60	15,267.88	15,037.75		16,999.0	15,734.1
July	21,915.44	23,147.79	15,088.31	17,685.91	16,116.44	15,569.30	17,000.88		16,292.2	16,228.9
August	18,623.82	22,247.53	17,744.07	20,548.26	16,445.70	16,690.04	15,963.12		17,478.2	16,366.3
September	17,722.38	16,520.05	18,890.92	18,155.15	14,809.20	13,953.48	16,095.09		16,380.8	14,952.6
October	20,212.83	17,158.59	16,091.54	17,772.77	16,235.75	19,289.83	15,531.79		16,984.3	17,019.1
November	14,511.80	16,349.64	14,459.79	17,273.03	13,895.01	18,263.39	14,222.22		15,622.7	15,460.2
December	14,951.07	16,504.84	13,168.40	12,764.20	12,208.30	14,534.79	12,708.54		13,076.8	13,150.5
Total	214,571.32	208,087.61	191,403.56	199,603.35	177,239.90	179,623.49	169,677.64	18,499.84	181,560.00	173,688.75
General MSW	198,971.42	191,767.47	182,787.68	187,239.69	173,804.02	161,919.10	161,970.42	18,426.56		
Profiled Waste Ton	15,599.90	16,320.14	8,615.88	12,363.66	3,435.88	17,704.39	7,707.22	73.28		

Waste Received by Month





REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Bill Lewis, City Engineer/Assistant Director
Rick Powers, Public Works Director

AGENDA DATE REQUESTED: March 31, 2021

ACTION REQUESTED: RECEIVE AND FILE MONTHLY FINANCIAL REPORT

BACKGROUND: Attached is the unaudited revenue and expense financial report for financial transactions occurring January 2021 through February 2021. The report includes prior year actual and current year budget for comparability. Actual cash balance reflects the liabilities incurred in November and December 2020, but not disbursed from cash until January 2021.

Cash flow statements provided by the City of Peoria's Finance Department for the month ending January 31, 2021 and February 28, 2021 are included.

LANDFILL FUND MONTHLY REVENUE & EXPENSE

Wednesday, March 31, 2021

DESCRIPTION	JANUARY			FEBRUARY			MARCH			APRIL		
	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual
REVENUES												
Host Fees (\$2.49/Ton) ⁽¹⁾	\$ 35,691.15	\$ 37,116.67	\$ 31,898.72	\$ 33,161.53	\$ 37,116.67	\$ 24,740.45	\$ 25,315.07	\$ 37,116.67	\$ 22,625.70	\$ 30,399.21	\$ 37,116.67	
Leases	\$ 1,001.25	\$ 1,833.33		\$ 2,002.50	\$ 1,833.33	\$ 2,042.56	\$ 1,001.25	\$ 1,833.33		\$ 1,001.25	\$ 1,833.33	
Interest Earned												
On Cash Balance	\$ 713.69	\$ 333.33	\$ 76.46	\$ 566.03	\$ 333.33	\$ 63.75	\$ 576.67	\$ 333.33		\$ 345.14	\$ 333.33	
Other Revenues <i>(Altorfer Scrap Recovery)</i>				\$ -			\$ -			\$ -		
TOTAL REVENUES	\$ 37,406.09	\$ 39,283.33	\$ 31,975.18	\$ 35,730.06	\$ 39,283.33	\$ 26,846.76	\$ 26,892.99	\$ 39,283.33	\$ 22,625.70	\$ 31,745.60	\$ 39,283.33	\$ -
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Audit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Guidance and Operational Costs												
General Guidance & Compliance <i>(Clean Air Act Permit Rpt)</i>	\$ 17,422.88	\$ 9,166.67	\$ 24,498.67	\$ 13,395.46	\$ 9,166.67	\$ -	\$ 8,815.42	\$ 9,166.67	\$ -	\$ -	\$ 9,166.67	\$ -
Groundwater Support/Reporting	\$ 4,895.09	\$ 3,750.00	\$ 13,432.77	\$ 13,516.18	\$ 3,750.00	\$ -	\$ 6,333.79	\$ 3,750.00	\$ -	\$ -	\$ 3,750.00	\$ -
LF#1 Gas System & Leache Management Ops.	\$ 30,284.55	\$ 9,583.33	\$ 41,447.45	\$ 12,240.22	\$ 9,583.33	\$ -	\$ 5,772.42	\$ 9,583.33	\$ -	\$ -	\$ 9,583.33	\$ -
LF#1 Construction Engineering	\$ -	\$ 833.33	\$ 3,970.21		\$ 833.33	\$ -	\$ 1,792.20	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ -
LF #2 to LF #3 Transition Activities	\$ 1,370.83	\$ 1,250.00	\$ 1,493.50	\$ 955.33	\$ 1,250.00	\$ -	\$ 113.75	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	\$ -
Liquids & Gas Replacement Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Offsite Liquids Disposal	\$ 847.32	\$ -	\$ -	\$ 1,763.88	\$ -	\$ -	\$ 432.88	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	\$ -
Leachate Extraction Improvements	\$ 672.08	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
GCCS Improvement Projects	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
Non Permit Property Maintenance	\$ -	\$ 625.00	\$ -		\$ 625.00			\$ 625.00	\$ -		\$ 625.00	
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment (PDC/GPSD)	\$ -	\$ 1,250.00	\$ 232.13	\$ 268.73	\$ 1,250.00	\$ -	\$ 2,793.10	\$ 1,250.00	\$ -	\$ 614.26	\$ 1,250.00	
Telephone	\$ -	\$ 41.67	\$ 36.01	\$ -	\$ 41.67	\$ -	\$ -	\$ 41.67	\$ -	\$ 216.40	\$ 41.67	
Electricity	\$ -	\$ 500.00	\$ 366.06	\$ -	\$ 500.00	\$ 414.15	\$ 619.67	\$ 500.00	\$ -	\$ 667.22	\$ 500.00	
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	
GCCS Contingency	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	
Unplanned Services and Repairs	\$ 3,343.38	\$ 625.00	\$ 5,466.06	\$ 60.45	\$ 625.00	\$ -	\$ 924.14	\$ 625.00	\$ -	\$ 2,188.80	\$ 625.00	
<i>*CF Statement Corrections - Reverse misapplied SBA Tower payment</i>												
Capital Fund Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ 58,836.13	\$ 30,958.33	\$ 90,942.86	\$ 42,200.25	\$ 30,958.33	\$ 414.15	\$ 27,597.37	\$ 30,958.33	\$ -	\$ 3,686.68	\$ 30,958.33	\$ -
Excess Revenues over Expenses	\$ (21,430.04)	\$ 8,325.00	\$ (58,967.68)	\$ (6,470.19)	\$ 8,325.00	\$ 26,432.61	\$ (704.38)	\$ 8,325.00	\$ 22,625.70	\$ 28,058.92	\$ 8,325.00	\$ -
(1) 2019 Budget based on approx. 180,000 tons host fees of \$2.49/ton												
BEGINNING BALANCE	\$ 431,473.12	\$ 240,991.87	\$ 491,277.42	\$ 410,043.08	\$ 399,316.87	\$ 432,309.74	\$ 403,572.89	\$ 407,641.87	\$ 458,742.35	\$ 402,868.51	\$ 415,966.87	\$ 481,368.05
<i>Capital Fund Balance (encumbered balance \$150,000 Project)</i>		<i>150,000.00</i>										
ENDING BALANCE	\$ 410,043.08	\$ 399,316.87	\$ 432,309.74	\$ 403,572.89	\$ 407,641.87	\$ 458,742.35	\$ 402,868.51	\$ 415,966.87	\$ 481,368.05	\$ 430,927.43	\$ 424,291.87	\$ 481,368.05

LANDFILL FUND MONTHLY REVENUE & EXPENSE

Wednesday, March 31, 2021

DESCRIPTION	MAY			JUNE			JULY			AUGUST		
	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual
REVENUES												
Host Fees (\$2.49/Ton) ⁽¹⁾	\$ 33,891.77	\$ 37,116.67		\$ 35,504.85	\$ 37,116.67		\$ 37,723.68	\$ 37,116.67		\$ 42,764.47	\$ 37,116.67	
Leases	\$ 1,021.28	\$ 1,833.33		\$ 2,497.00	\$ 1,833.33		\$ 8,851.23	\$ 1,833.33		\$ 1,021.28	\$ 1,833.33	
Interest Earned												
On Cash Balance	\$452.79	\$ 333.33		\$ 261.65	\$ 333.33		\$ 183.33	\$ 333.33		\$ 114.84	\$ 333.33	
Other Revenues <i>(Altarfer Scrap Recovery)</i>	\$ -			\$ -			\$ -			\$ -		
TOTAL REVENUES	\$ 35,365.84	\$ 39,283.33	\$ -	\$ 38,263.50	\$ 39,283.33	\$ -	\$ 46,758.24	\$ 39,283.33	\$ -	\$ 43,900.59	\$ 39,283.33	\$ -
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
County Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Audit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Guidance and Operational Costs												
General Guidance & Compliance <i>(Clean Air Act Permit Rpt)</i>	\$ 7,837.79	\$ 9,166.67		\$ -	\$ 9,166.67	\$ -	\$ 23,672.11	\$ 9,166.67		\$ 7,375.99	\$ 9,166.67	
Groundwater Support/Reporting	\$ 2,054.85	\$ 3,750.00		\$ -	\$ 3,750.00	\$ -	\$ 7,907.22	\$ 3,750.00		\$ 4,372.35	\$ 3,750.00	
LF#1 Gas System & Leache Management Ops.	\$ 12,147.27	\$ 9,583.33		\$ -	\$ 9,583.33	\$ -	\$ 19,880.79	\$ 9,583.33		\$ 12,070.04	\$ 9,583.33	
LF#1 Construction Engineering	\$ 1,941.55	\$ 833.33		\$ -	\$ 833.33	\$ -	\$ 1,380.20	\$ 833.33		\$ 821.43	\$ 833.33	
LF #2 to LF #3 Transition Activities	\$ 448.05	\$ 1,250.00		\$ -	\$ 1,250.00	\$ -	\$ 149.35	\$ 1,250.00		\$ 483.94	\$ 1,250.00	
Liquids & Gas Replacement Materials	\$ 412.23	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	
Offsite Liquids Disposal	\$ 816.28	\$ -		\$ -	\$ -	\$ -	\$ 1,861.27	\$ -		\$ 880.65	\$ -	
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 1,250.00		\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	
Leachate Extraction Improvements	\$ -	\$ 416.67		\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ 133.90	\$ 416.67	
GCCS Improvement Projects	\$ -	\$ 416.67		\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	
Non Permit Property Maintenance		\$ 625.00			\$ 625.00			\$ 625.00			\$ 625.00	
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment (PDC/GPSD)	\$ 2,113.71	\$ 1,250.00		\$ 78.67	\$ 1,250.00		\$ 3,043.04	\$ 1,250.00		\$ -	\$ 1,250.00	
Telephone	\$ 36.01	\$ 41.67		\$ -	\$ 41.67		\$ 36.35	\$ 41.67		\$ 72.02	\$ 41.67	
Electricity	\$ 351.43	\$ 500.00		\$ 384.34	\$ 500.00		\$ 773.97	\$ 500.00		\$ -	\$ 500.00	
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 625.00		\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	
GCCS Contingency	\$ -	\$ 625.00		\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	
Unplanned Services and Repairs	\$ 2,782.00	\$ 625.00		\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	\$ -	\$ -	\$ 625.00	
*CF Statement Corrections - Reverse misapplied SBA Tower payment										\$ 1,378.43		
Capital Fund Allocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL EXPENSES	\$ 30,941.17	\$ 30,958.33	\$ -	\$ 463.01	\$ 30,958.33	\$ -	\$ 58,704.30	\$ 30,958.33	\$ -	\$ 27,588.75	\$ 30,958.33	\$ -
Excess Revenues over Expenses	\$ 4,424.67	\$ 8,325.00	\$ -	\$ 37,800.49	\$ 8,325.00	\$ -	\$ (11,946.06)	\$ 8,325.00	\$ -	\$ 16,311.84	\$ 8,325.00	\$ -
(1) 2019 Budget based on approx. 180,000 tons host fees of \$2.49/ton												
BEGINNING BALANCE	\$ 430,927.43	\$ 424,291.87	\$ 481,368.05	\$ 435,352.10	\$ 432,616.87	\$ 481,368.05	\$ 473,152.59	\$ 440,941.87	\$ 481,368.05	\$ 461,206.53	\$ 449,266.87	\$ 481,368.05
<i>Capital Fund Balance (encumbered balance \$150,000 Project)</i>												
ENDING BALANCE	\$ 435,352.10	\$ 432,616.87	\$ 481,368.05	\$ 473,152.59	\$ 440,941.87	\$ 481,368.05	\$ 461,206.53	\$ 449,266.87	\$ 481,368.05	\$ 477,518.37	\$ 457,591.87	\$ 481,368.05

LANDFILL FUND MONTHLY REVENUE & EXPENSE

Wednesday, March 31, 2021

DESCRIPTION	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			FY2020	FY2021	FY2021
	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	2020 Actual	2021 Budget	2021 Actual	ACTUAL	BUDGET	YTD ACTUAL
REVENUES															
Host Fees (\$2.49/Ton) ⁽¹⁾	\$ 40,153.35	\$ 37,116.67		\$ 40,525.70	\$ 37,116.67		\$ 39,031.93	\$ 37,116.67		\$ 35,699.11	\$ 37,116.67		\$ 429,861.82	\$ 445,400.00	\$ 79,264.87
Leases	\$ 4,846.29	\$ 1,833.33		\$ 1,021.28	\$ 1,833.33		\$ 3,681.92	\$ 1,833.33		\$ 1,021.28	\$ 1,833.33		\$ 28,967.81	\$ 22,000.00	\$ 2,042.56
Interest Earned														\$ -	\$ -
On Cash Balance	\$ 80.91	\$ 333.33		\$ 69.80	\$ 333.33		\$ 62.65	\$ 333.33		\$ 68.64	\$ 333.33		\$ 3,496.14	\$ 4,000.00	\$ 140.21
Other Revenues (Altorfer Scrap Recovery)	\$ -			\$ -			\$ -			\$ -			\$ -	\$ -	\$ -
TOTAL REVENUES	\$ 45,080.55	\$ 39,283.33	\$ -	\$ 41,616.78	\$ 39,283.33	\$ -	\$ 42,776.50	\$ 39,283.33	\$ -	\$ 36,789.03	\$ 39,283.33	\$ -	\$ 462,325.77	\$ 471,400.00	\$ 81,447.64
EXPENSES															
Municipal Reimbursements															
City Personnel	\$ 76,000.00	\$ -		\$ -	\$ 76,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 76,000.00	\$ 76,000.00	\$ -
County Personnel	\$ -	\$ -		\$ -	\$ 8,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,500.00	\$ -
City Audit	\$ 2,500.00	\$ -		\$ -	\$ 2,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -
Consultant Guidance and Operational Costs															
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ 12,739.56	\$ 9,166.67		\$ 18,535.37	\$ 9,166.67		\$ -	\$ 9,166.67	\$ -	\$ -	\$ 9,166.67	\$ -	\$ 109,794.58	\$ 110,000.00	\$ 24,498.67
Groundwater Support/Reporting	\$ 3,321.04	\$ 3,750.00		\$ 2,291.75	\$ 3,750.00		\$ -	\$ 3,750.00	\$ -	\$ -	\$ 3,750.00	\$ -	\$ 44,692.27	\$ 45,000.00	\$ 13,432.77
LF#1 Gas System & Leache Management Ops.	\$ 8,022.26	\$ 9,583.33		\$ 17,952.55	\$ 9,583.33		\$ -	\$ 9,583.33	\$ -	\$ -	\$ 9,583.33	\$ -	\$ 118,370.10	\$ 115,000.00	\$ 41,447.45
LF#1 Construction Engineering	\$ 1,269.48	\$ 833.33		\$ 821.43	\$ 833.33		\$ -	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ -	\$ 8,026.29	\$ 10,000.00	\$ 3,970.21
LF #2 to LF #3 Transition Activities	\$ 224.03	\$ 1,250.00		\$ 896.11	\$ 1,250.00		\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00	\$ -	\$ 4,641.39	\$ 15,000.00	\$ 1,493.50
Liquids & Gas Replacement Materials		\$ -			\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 412.23	\$ -	\$ -
Offsite Liquids Disposal		\$ -			\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,602.28	\$ -	\$ -
Contracted/Capital Improvements															
Post Closure Care		\$ 1,250.00			\$ 1,250.00		\$ -	\$ 1,250.00	\$ -	\$ -	\$ 1,250.00		\$ -	\$ 15,000.00	\$ -
Leachate Extraction Improvements		\$ 416.67			\$ 416.67		\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67		\$ 805.98	\$ 5,000.00	\$ -
GCCS Improvement Projects		\$ 416.67			\$ 416.67		\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67		\$ -	\$ 5,000.00	\$ -
Non Permit Property Maintenance		\$ 625.00			\$ 625.00			\$ 625.00		\$ -	\$ 625.00		\$ -	\$ 7,500.00	\$ -
Committee's Operational Expenses															
Off-Site Liquids Disposal(Transport & Leachate Treatment (PDC/GPSD)	\$ 1,666.44	\$ 1,250.00		\$ 842.75	\$ 1,250.00		\$ 608.04	\$ 1,250.00			\$ 1,250.00		\$ 12,028.74	\$ 15,000.00	\$ 232.13
Telephone		\$ 41.67		\$ 72.02	\$ 41.67		\$ -	\$ 41.67		\$ 144.04	\$ 41.67		\$ 576.84	\$ 500.00	\$ 36.01
Electricity	\$ 528.40	\$ 500.00		\$ 801.70	\$ 500.00		\$ 463.11	\$ 500.00			\$ 500.00		\$ 4,589.84	\$ 6,000.00	\$ 780.21
Unplanned/Contingency															
Groundwater Assessments/Contingency		\$ 625.00			\$ 625.00		\$ -	\$ 625.00	\$ -		\$ 625.00	\$ -	\$ -	\$ 7,500.00	\$ -
GCCS Contingency		\$ 625.00			\$ 625.00		\$ -	\$ 625.00	\$ -		\$ 625.00	\$ -	\$ -	\$ 7,500.00	\$ -
Unplanned Services and Repairs		\$ 625.00			\$ 625.00		\$ -	\$ 625.00	\$ -		\$ 625.00	\$ -	\$ 9,298.77	\$ 7,500.00	\$ 5,466.06
*CF Statement Corrections - Reverse misapplied SBA Tower payment				\$ 2,803.73									\$ 4,182.16		\$ -
Capital Fund Allocation	\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENSES	\$ 106,271.21	\$ 30,958.33	\$ -	\$ 45,017.41	\$ 117,958.33	\$ -	\$ 1,071.15	\$ 30,958.33	\$ -	\$ 144.04	\$ 30,958.33	\$ -	\$ 402,521.47	\$ 458,500.00	\$ 91,357.01
Excess Revenues over Expenses	\$ (61,190.66)	\$ 8,325.00	\$ -	\$ (3,400.63)	\$ (78,675.00)	\$ -	\$ 41,705.35	\$ 8,325.00	\$ -	\$ 36,644.99	\$ 8,325.00	\$ -	\$ 59,804.30	\$ 12,900.00	\$ (9,909.38)
(1) 2019 Budget based on approx. 180,000 tons host fees of \$2.49/ton															
BEGINNING BALANCE	\$ 477,518.37	\$ 457,591.87	\$ 481,368.05	\$ 416,327.71	\$ 465,916.87	\$ 481,368.05	\$ 412,927.08	\$ 387,241.87	\$ 481,368.05	\$ 454,632.43	\$ 395,566.87	\$ 481,368.05	\$ 431,473.12	\$ 390,991.87	\$ 491,277.42
Capital Fund Balance (encumbered balance \$150,000 Project)															
ENDING BALANCE	\$ 416,327.71	\$ 465,916.87	\$ 481,368.05	\$ 412,927.08	\$ 387,241.87	\$ 481,368.05	\$ 454,632.43	\$ 395,566.87	\$ 481,368.05	\$ 491,277.42	\$ 403,891.87	\$ 481,368.05	\$ 491,277.42	\$ 403,891.87	\$ 481,368.05

**Peoria City/County Landfill
Cash Flow Statement -Cash Basis
January 31, 2021**

Beginning Balance January 1, 2021 \$ 491,277.42

Plus Deposits:

Pooled Cash - Solid Waste	1/8/2021	Waste Management - Host Fee	\$ 31,898.72	
Pooled Cash - Solid Waste	1/31/2021	Interest	\$ 76.46	
				\$ 31,975.18

Less Electronic Debits & A/P Checks

Pooled Cash - Solid Waste	1/8/2021	Foth Infrastructure and Environmental	\$ 44,288.41	
Pooled Cash - Solid Waste	1/8/2021	Ameren Illinois	\$ 366.06	
Pooled Cash - Solid Waste	1/8/2021	Greater Peoria Sanitary District	\$ 232.13	
Pooled Cash - Solid Waste	1/15/2021	Amp Electrical Services	\$ 4,010.00	
Pooled Cash - Solid Waste	1/22/2021	Verizon Wireless	\$ 36.01	
Pooled Cash - Solid Waste	1/29/2021	Foth Infrastructure and Environmental	\$ 42,010.25	
				\$ 90,942.86

Ending Cash Balance January 31, 2021 \$ 432,309.74

**Peoria City/County Landfill
Cash Flow Statement -Cash Basis
February 28, 2021**

Beginning Balance February 1, 2021 \$ 432,309.74

Plus Deposits:

Pooled Cash - Solid Waste	2/2/2021	SBA Towers II LLC	\$ 1,021.28	
Pooled Cash - Solid Waste	2/2/2021	SBA Towers IV LLC	\$ 1,406.00	
Pooled Cash - Solid Waste	2/2/2021	SBA Towers IV LLC	\$ (1,406.00)	
Pooled Cash - Solid Waste	2/11/2021	Waste Management - Host Fee	\$ 24,740.45	
Pooled Cash - Solid Waste	2/24/2021	SBA Towers II LLC	\$ 1,021.28	
Pooled Cash - Solid Waste	2/28/2021	Interest	\$ 63.75	
				\$ 26,846.76

Less Electronic Debits & A/P Checks

Pooled Cash - Solid Waste	2/5/2021	Ameren Illinois	\$ 272.16	
Pooled Cash - Solid Waste	2/5/2021	Ameren Illinois	\$ 141.99	
				\$ 414.15

Ending Cash Balance February 28, 2021 \$ 458,742.35



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Mike Wiersema & Ian Johnson, Waste Management

AGENDA DATE REQUESTED: March 31, 2021

ACTION REQUESTED: Receive and File Monthly Reports

BACKGROUND: Attached are the monthly activity reports for **January and February 2021.**

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
February 2021

		Current		Landfill #2	Landfill #2
		Month		Year to Date	Year to Date
				2021	2020
Tonnage:	General Refuse				
	Haulers	8,617.17		18,085.47	20,088.28
	County Res. Free Loads	162.20		350.26	303.33
	County Res. \$5 Loads	0.10		0.27	1.52
	Roadside	1.16		1.36	1.92
	T O T A L	8,780.63		18,437.36	20,395.05
	Special Wastes				
	Industrial (Declassified)	51.68		62.48	2,843.72
	Industrial (Exempt)	0.00		0.00	0.00
	T O T A L	51.68		62.48	2,843.72
TOTAL LANDFILL RECEIPTS		8,832.31		18,499.84	23,238.77
Yard Waste Receipts					
City Contract -		0.00		0.00	0.00
All Other		0.00		0.00	0.00
T O T A L		0.00		0.00	0.00
Payments:	Payable to City/County Committee				
	General Refuse	Tons 8,617.17			
		Rate \$ 2.61			
		\$22,490.81	\$22,490.81	\$47,203.08	\$51,225.11
	Special Waste - Ind.	Tons 51.68			
		Rate \$ 2.61			
		\$134.88	\$134.88	\$163.07	\$7,251.49
	T O T A L		\$22,625.70	\$47,366.15	\$58,476.60
	Payable to County				
	General Refuse	Tons 8,617.17			
	Rate \$ 1.27				
	\$10,943.81	\$10,943.81	\$22,968.55	\$25,512.12	
Special Waste - Ind.	Tons 51.68				
	Rate \$ 1.27				
	\$65.63	\$65.63	\$79.35	\$3,611.52	
T O T A L		\$11,009.44	\$23,047.90	\$29,123.64	
Payable to/Receivable From County					
\$5 Loads		Loads 2.00			
		Rate \$ 5.00			
		\$10.00	\$10.00	\$20.00	\$50.00
Less:					
State Fee on Free and \$5 Loads		Tons 162.30			
		Rate \$ 2.22			
		(\$360.31)	(\$360.31)	(\$778.18)	(\$676.77)
T O T A L			(\$350.31)	(\$758.18)	(\$626.77)
Tonnage:	General Refuse & Special Waste				
	In county	5,063.58	57.33%	10,625.43	14,147.36
	Out of county	3,768.73	42.67%	7,874.41	9,091.41
	Mixed	-	0.00%	-	-
	T O T A L	8,832.31	100.00%	18,499.84	23,238.77



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: March 31, 2021

AGENDA ITEMS:

- 1) Approve 2021 Annual Facility Report for Peoria City/County Landfill No. 3 with Illinois EPA;
- 2) Receive and File Termination Agreement dated March 12, 2021, by and between the Peoria Park District and PCCLI;
- 3) Discussion concerning potential easement with Robert D. Carman Trust; and
- 4) Discussion concerning replacement of recycling drop-off location at PDC Laboratories, Inc. with another site owned by Coulter Properties, Inc. off Old Galena Road

ACTION REQUESTED:

- 1) APPROVE and File 2021 Annual Facility Report for Peoria City/County Landfill No. 3 with Illinois EPA; and
- 2) Receive and File Termination Agreement dated March 12, 2021, by and between the Peoria Park District and PCCLI.

BACKGROUND:

- 1) Attached please find a draft annual facility report for Landfill No. 3 that PDC Technical Services, Inc. would like to file on behalf of the Landfill Committee and PCCLI with the Illinois EPA, which is a requirement of the permit. Foth has reviewed the draft annual facility report.
- 2) Attached please find a copy of the signed and executed Termination Agreement dated March 12, 2021, by and between the Peoria Park District and PCCLI, which terminates the Wetland Compensatory Mitigation Project Agreement dated March 30, 2011, by and between the same parties.
- 3) Attached please find a couple of sketches from Hanson Professional Services that identify an approximate 3.21 acre area on the property owned by the Robert D. Carman Trust in which PCCLI would like to receive an easement from the Trust in order to complete the construction of the emergency spillway for the new dam. PCCLI would like to explore offering the Trust an easement to its property from the entrance road of the Peoria City/County Landfill in exchange for an easement from the Trust to construct the emergency spillway on its property, subject to the Landfill Committee's ultimate approval; and
- 4) Attached please find a draft Third Amendment to Landfill Agreement, which would change the recycling drop-off location at the PDC Laboratories Facility to another property owned by Coulter Properties, Inc. on North Old Galena Road. This is for discussion purposes only.

FINANCIAL IMPACT: N/A



Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

SOLID WASTE LANDFILL GROUNDWATER, LEACHATE, FACILITY AND GAS REPORTING FORM

This form must be used as a cover for the following list of notices and reports required to be submitted to the Illinois EPA's Bureau of Land, Permit Section. This form must be used for Solid Waste facilities only. Reporting for Hazardous Waste facilities should be submitted on a separate form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form is not to be used with permit applications. The facility's approved permit will state whether the document you are submitting is required as a report or an application.

Facility Name: Peoria City/County Landfill #3

Site ID #: 1430155017

Facility Address: 11501 W. Cottonwood Rd., Brimfield, IL 61517

Check the appropriate heading. Only one heading may be checked for each corresponding submittal. Check the appropriate sub-heading, where applicable. Attach the original and all copies behind this form.

☐ LPC-160 Forms

Groundwater

☐ Quarterly - Enter 1, 2, 3, or 4

☐ Semi-Annual

☐ Annual

☐ Biennial

Leachate

☐ Quarterly - Enter 1, 2, 3, or 4

☐ Semi-Annual

☐ Annual

☐ Biennial

☐ Well Construction Information

☐ Well Construction Forms, Boring Logs and/or Abandonment Forms

☐ Well Survey Data (e.g., Stick-up Elevation Data)

☐ Annual Groundwater Flow Evaluation

☐ Notice of Observed Increase in Groundwater

☐ Notice of Intent to Perform Confirmation Procedures (Re-sampling) in Groundwater

☐ Notice of Confirmed Increase of Groundwater Exceedence from Re-sample

☐ Notice of Methane Exceedences

☒ Annual Facility Report (per 35 Ill. Adm. Code 813.504) and Gas Monitoring Report

☐ Annual Certifications per 35 Ill. Adm. Code 813.501

☐ Other (identify)

2020 ANNUAL FACILITY REPORT

Peoria City/County Landfill #3

*1430155017 - Peoria County
IEPA BOL Permit 2013-026-LF
Peoria, Illinois*

April 2021

Prepared for: **Joint City of Peoria/County of Peoria &
Peoria City/County Landfill, Inc.**
419 Fulton Street
Peoria, Illinois 61602

Prepared by: **PDC Technical Services, Inc.**
4349 Southport Road
Peoria, Illinois 61615



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FIGURES

FIGURE 1 Monitoring Locations as of December 31, 2020

APPENDICES

APPENDIX A	Annual Certification
APPENDIX B	Gas Monitoring Data Summary

QUALIFICATIONS, REPORT USE, AND SIGNATURES

This Annual Facility Report has been prepared exclusively for Joint City of Peoria/County of Peoria, Peoria City/County Landfill, Inc. (PCCLI) and those governmental agencies with regulatory jurisdiction over the subject Peoria City/County Landfill #3 (Facility). This report shall not be used or relied upon by any other party without the prior written consent of PDC Technical Services, Inc. (PDC). Use or reliance upon any data, findings, conclusions and/or recommendations contained herein by any other party not specifically authorized by PDC shall be at the sole risk of said party.

PDC's services are subject to quality control protocols that are designed to result in work products of consistent quality. Services performed by PDC and documented herein were conducted in a manner consistent with that level of care and skill ordinarily exercised by members of engineering and consulting professions in the same locale acting under similar circumstances and conditions.

For PDC Technical Services, Inc.:



Kacey Garber, M.S.
Staff Hydrogeologist II

Date: April 1, 2021

1.0 INTRODUCTION

This report has been prepared by PDC Technical Services, Inc., (PDC) on behalf of Joint City of Peoria/County of Peoria and Peoria City/County Landfill, Inc. (PCCLI) for Peoria City/County Landfill #3 (Facility) in development near Peoria, Illinois. This report summarizes activities at the Facility for calendar year 2020 in accordance with Special Conditions IX.7, XI.2, and XI.3 of the current Facility permit (Permit No. 2013-026-LF, Modification No. 1) and serves as the 2020 Annual Report for the Facility.

2.0 ANNUAL CERTIFICATION

According to Special Conditions XI.2.a and b of the Facility permit, PCCLI must provide an annual certification for the following:

- a. All records required to be submitted to the Illinois Environmental Protection Agency (IEPA) pursuant to 35 Illinois Administrative Code (IAC) 858.207 and 858.308 have been timely and accurately submitted; and
- b. All applicable fees required by the act have been paid in full.

Appendix A contains the certifications for Special Condition XI.2.a and b.

3.0 GROUNDWATER, GAS, AND LEACHATE MONITORING PROGRAMS

3.1 Groundwater Monitoring Program

The groundwater monitoring program at the Facility will include seven upgradient, fifteen downgradient, and one compliance boundary monitoring wells to monitor groundwater quality at the Facility.

The existing groundwater monitoring well network includes the following monitoring points:

MONITORING WELLS		
UPGRADIENT	DOWNGRADIENT	COMPLIANCE
	G301	

Well G301 was installed in 2018 as part of the initial site development¹ and the location is shown in Figure 1. PCCLI began quarterly background monitoring efforts at well G301 in September (3rd quarter) 2018 (on a voluntary basis).

In accordance with Special Condition VIII.17 of the Facility permit, quarterly groundwater samples will be collected and statistical evaluations on analytical results will be submitted to the Illinois EPA once initial waste acceptance has commenced at the Facility.

3.2 Gas Monitoring Program

The gas monitoring program specified in Section IX of Facility Permit No. 2013-026-LF indicates that monitoring devices be put into service as follows:

- Perimeter Gas Probes (PGPs), which monitor vadose gas composition and pressure outside

¹ Detailed in correspondence dated April 9, 2018 to the Illinois Environmental Protection Agency from Peoria City/County Landfill, Inc.

the waste boundary, shall be put into service once waste has been disposed in the landfill near each monitoring location;

- Ambient air monitoring (AAM) devices, which monitor methane levels in air downwind of the landfill, shall be put into service after initial receipt of waste;
- Continuous Air Monitoring Devices (CAMDs), which monitor indoor air quality for methane, shall be put into service when waste disposal begins and the building has been constructed; and
- Interior Gas Monitoring Devices (IGMDs), which monitor gas composition and pressure within the landfill, shall be put into service within 90 days after final cover has been applied at each monitoring location.

Although initial landfill facility construction has commenced no waste has been accepted at the Facility. Therefore, the gas monitoring and reporting requirements specified in Section IX of the Facility permit do not yet apply. However, PCCLI installed one perimeter gas probe (X302) during 2018 as part of the initial site developmental construction described above. The location of X302 is shown in Figure 1.

3.3 Leachate Monitoring Program

The leachate monitoring program at the Facility will consist of seven monitoring points once the Facility is complete. Although initial landfill facility construction has commenced no waste has been accepted at the Facility. Therefore, the leachate monitoring and reporting requirements specified in Section VII of the Facility permit do not yet apply.

4.0 SUMMARY OF MONITORING EFFORTS

4.1 Groundwater Monitoring

The groundwater compliance monitoring program is scheduled to begin once initial waste acceptance has commenced at the Facility.

4.2 Gas Monitoring

Gas monitoring is not yet required at the Facility. However, PCCLI began collecting background measurements of vadose gas composition and pressure in perimeter vadose gas probe X302 (on a voluntary basis) during September 2018. Monitoring results for 2020 are summarized in Appendix B.

Gas monitoring and reporting activities according to Section IX of the Facility permit will commence as indicated in Section 3.2 above.

4.3 Leachate Monitoring

Leachate monitoring is to begin once leachate is produced at the Facility.

5.0 STATISTICAL SUMMARIES AND ANALYSIS OF TRENDS

Statistical analyses are generally only routinely conducted on the groundwater monitoring data. Additional statistical and/or trend analysis of the groundwater monitoring data may also be conducted on an as-needed basis to support permit applications which are related to the groundwater monitoring program. The Facility permit does not require any routine statistical or trend analysis be conducted on the leachate or gas monitoring data. No additional statistical or trend analysis is conducted, except as needed for assessment activities.

5.1 Groundwater

The groundwater compliance monitoring program is scheduled to begin once initial waste acceptance has commenced at the Facility.

5.2 Gas

Background methane monitoring results at perimeter vadose gas probe X302 were compared to 50% LEL methane. Methane was not detected at X302 during any of the monitoring events conducted during 2020.

5.3 Leachate

Leachate monitoring is to begin upon production of leachate.

6.0 CHANGES TO MONITORING PROGRAMS

6.1 Groundwater Monitoring Program

No changes to the groundwater monitoring program at the Facility were implemented during 2020.

6.2 Gas Monitoring Program

No changes to the gas monitoring program requirements in Section IX of the Facility permit were implemented during 2020.

6.3 Leachate Monitoring Program

No changes to the leachate monitoring program at the Facility were implemented during 2020.

7.0 DISCUSSION OF ERROR ANALYSIS, DETECTION LIMITS AND OBSERVED TRENDS

7.1 Groundwater Monitoring Program

The groundwater compliance monitoring program is scheduled to begin once initial waste acceptance has commenced at the Facility.

7.2 Gas Monitoring Program

The portable field meters used to monitor gas composition and pressure are maintained according to manufacturer recommendations and are calibrated/verified using certified gas cylinders prior to each round of monitoring to ensure accuracy. No recognizable errors were noted during sampling or in the data for the year. The field meter detection limits do not change.

7.3 Leachate Monitoring Program

Leachate monitoring is to begin upon production of leachate.

8.0 PROPOSED CHANGES IN UPCOMING YEAR (2021)

8.1 Amount of Waste Expected

The Facility is not active and is not accepting waste.

8.2 Structures to Be Built

No new structures are planned for 2021. However, additional earthwork grading and tree/vegetation removal to provide safe access and working clearance may proceed.

8.3 New Monitoring Stations to Be Built

During 2021, no new groundwater monitoring wells or new gas monitoring devices are planned.

9.0 SIGNIFICANT MODIFICATIONS AFFECTING FACILITY OPERATION

No significant permit modifications were issued during 2020, and no additional approvals are anticipated at this time; however, PCCLI may submit additional applications as needed.

10.0 SIGNATURE OF OPERATOR OR DULY-AUTHORIZED AGENT (35 IAC 815.102)

The signature of the duly authorized agent as specified in 35 IAC 815.102 is provided below.

DULY AUTHORIZED AGENT: Peoria City/County Landfill, Inc.

Name: Jenny Hinton

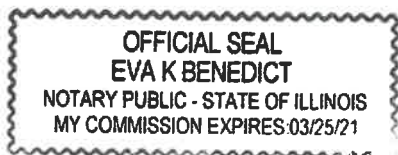
Signature: Jenny Hinton Date: 3/11/2021

Title: Vice President

Notary: Eva K Benedict Date: 3/11/2021

My commission expires on: 03/25/21

SEAL:



FIGURES

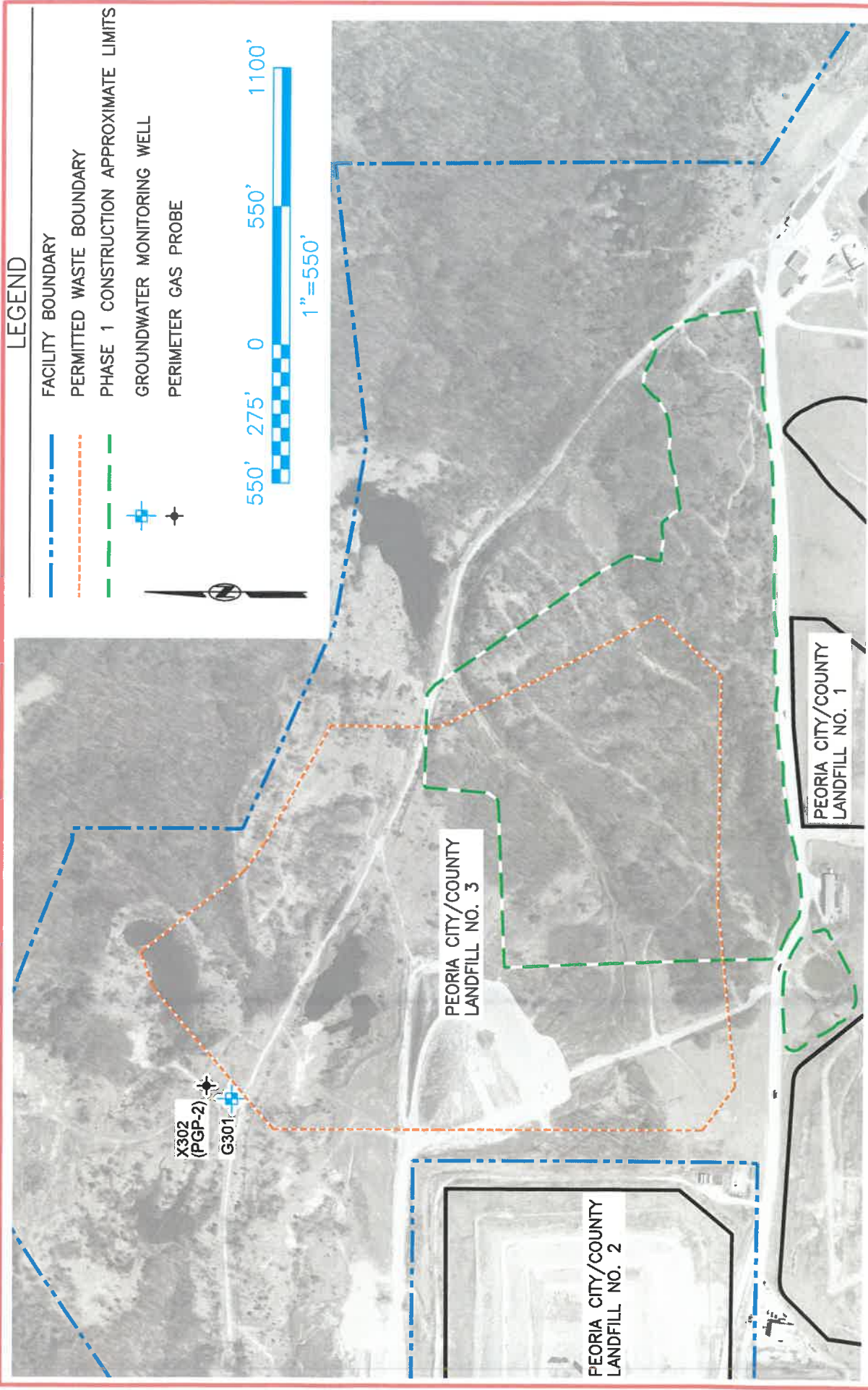


FIGURE 1

MONITORING LOCATIONS
AS OF DECEMBER 31, 2020

PEORIA CITY/COUNTY LANDFILL NO. 3

BRIMFIELD, ILLINOIS

PROJECT NO. 08-0834.10

PDC Technical Services, Inc.



Peoria, Illinois

AERIAL PHOTO SOURCE: IMAGES 2390014700.JP2, 2390014800.JP2, 2400014700.JP2, 2400014800.JP2 (PHOTOGRAPHY ACQUIRED BETWEEN MARCH 16TH AND MAY 30TH, 2011) WERE DOWNLOADED 10-26-2015 AS PART OF THE PEORIA COUNTY DATA SET FROM <http://clearinghouse.isgs.illinois.edu/data/imagery/2011-illinois-department-transportation-idot-orthophotography>.

NOTE: PERIMETER GAS PROBE PERMIT APPLICATION DESIGNATION WAS PGP-2; IEPA DESIGNATION IS X302.

Illinois Licensed Professional Design Firm 184.001145-0002

APPENDIX A

Annual Certification

ANNUAL CERTIFICATION

Peoria City/County Landfill #3's current Facility permit requires that an annual certification be submitted to the Illinois EPA during operation and for the entire post-closure monitoring period for the following:

- a. All records required to be submitted to the Illinois EPA pursuant to 35 IAC 858.207 and 858.308 have been timely and accurately submitted; and
- b. All applicable fees required by the Act have been paid in full.

I, Jenny Hinton, Vice President of Peoria City/County Landfill, Inc., hereby certify, to the best of my knowledge and belief, that Peoria City/County Landfill #3 is a Facility in development and that no waste was received in calendar year 2020. As a result, no records are required to be submitted in accordance with 35 IAC 858.207 and 858.308 and no fees are required by the Act:

DULY AUTHORIZED AGENT: **Peoria City/County Landfill, Inc.**

Name: Jenny Hinton

Signature: 

Date: 3/11/2021

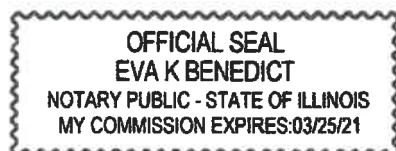
Title: Vice President

Notary: 

Date: 3/11/2021

My commission expires on: 03/25/2021

SEAL:



APPENDIX B

Gas Monitoring Data Summary

Background Perimeter Gas Probe Monitoring Results

Calendar Year 2020

Peoria City County Landfill No. 3

Peoria, IL

Device ID	Date	Pressure (" H ₂ O)	Methane %	Carbon Dioxide %	Oxygen %	Balance (Nitrogen) %
X302						
X302	January 29, 2020	-0.02	0.0	3.4	19.1	77.5
X302	February 21, 2020	0.12	0.0	2.9	18.5	78.6
X302	March 27, 2020	0.01	0.0	0.0	20.9	79.1
X302	April 27, 2020	0.01	0.0	0.3	20.7	79.0
X302	May 27, 2020	-0.17	0.0	0.0	19.9	80.1
X302	June 5, 2020	0.01	0.0	0.0	19.0	81.0
X302	July 22, 2020	0.05	0.0	4.5	16.0	79.5
X302	September 30, 2020	0.14	0.0	9.3	11.0	79.7
X302	October 29, 2020	0.10	0.0	10.8	8.4	80.8
X302	November 4, 2020	-0.07	0.0	10.8	7.4	81.8
X302	December 29, 2020	0.32	0.0	10.3	6.6	83.1

Notes:

1. Balance gas is assumed to be primarily nitrogen.
2. Methane concentrations which exceed 50 percent of the lower explosion limit of methane in air (50% LEL) are displayed in bold font.
3. 50% LEL = 2.65% (from Sax's Dangerous Properties of Industrial Materials Eighth Edition Volume III by Richard J. Lewis Sr.).
4. " H₂O = inches water column; % = percent composition by volume
5. NR = measurement not recorded by landfill gas meter.
6. No data were collected during August 2020.

TERMINATION AGREEMENT

THIS TERMINATION AGREEMENT (this "Agreement") is made and entered into as of the 12th day of March, 2021, by and between PEORIA CITY/COUNTY LANDFILL, INC., an Illinois corporation ("PCCL"), and THE PLEASURE DRIVEWAY AND PARK DISTRICT OF PEORIA, ILLINOIS ("Park District").

WITNESSETH:

WHEREAS, PCCL and Park District entered into that certain Wetland Compensatory Mitigation Project Agreement (the "Project Agreement"), with respect to a Project Site located in Peoria County, Illinois, which is more fully described in the Project Agreement (the "Project Site"); and

WHEREAS, PCCL and Park District now desire to terminate the Project Agreement subject to the terms and conditions set forth below in this Agreement.

NOW, THEREFORE, for and in consideration of the foregoing recitals and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and confessed, PCCL and Park District, each intending to be and being legally bound do hereby agree as follows:

1. All capitalized terms utilized herein and not defined herein shall have the meanings ascribed thereto in the Project Agreement.

2. Subject to the provisions of Paragraph 3 below, PCCL and Park District hereby agree that the Project Agreement shall terminate effective as of March 12, 2021 (the "Termination Date"). As a result of such termination, PCCL and Park District shall be released of all further obligations, covenants, and agreements accruing under the Project Agreement after the Termination Date.

3. Prior to May 1, 2021, PCCL will seed the areas at the Project Site where the piezometers and bollards were nested.

4. This Agreement shall be binding upon and shall inure to the benefit of all parties hereto and their permitted successors and assigns under the Project Agreement.

5. This Agreement may be executed in counterparts, and each such executed counterpart when taken together shall constitute one and the same agreement.

6. Each party represents and warrants to the other that the person signing on its behalf is duly authorized to execute and deliver this Agreement and that no further

consents or approvals, whether corporate or third party, are required in order to execute and deliver, and perform its covenants contained in, this Agreement.

7. Each party to this Agreement agrees to execute and acknowledge, as necessary, such further instruments or documents as may be reasonably requested by any other party to this Agreement for the purpose of giving effect to this Agreement; provided, however, that such obligations shall extend only to the extent that such instruments or documents do not increase the obligations or modify the rights of such signing party under this Agreement.

8. Should any suit be brought to enforce or interpret the terms of this Agreement or any obligation herein, the prevailing party shall be entitled to recover its reasonable attorneys' fees, costs and expenses.

9. This Agreement contains all of the covenants, conditions and agreements between the parties and shall supersede all prior correspondence, agreements and understandings, both oral and written, with respect to the subject matter hereof

10. The parties agree that each party and its legal counsel has reviewed or has had the opportunity to review this Agreement and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in any construction or interpretation of this Agreement.

11. This Agreement shall be construed and enforced in accordance with the laws of the State of Illinois.

12. This Agreement may not be modified or amended except by written agreement executed by PCCL and Park District.

IN WITNESS WHEREOF, PCCL and Park District have executed this Agreement as of the date first above written.

PCCL:

PEORIA CITY/COUNTY LANDFILL, INC.,
an Illinois corporation

By: Christopher R. Coulter
Name: Christopher R. Coulter
Title: Vice President & COO

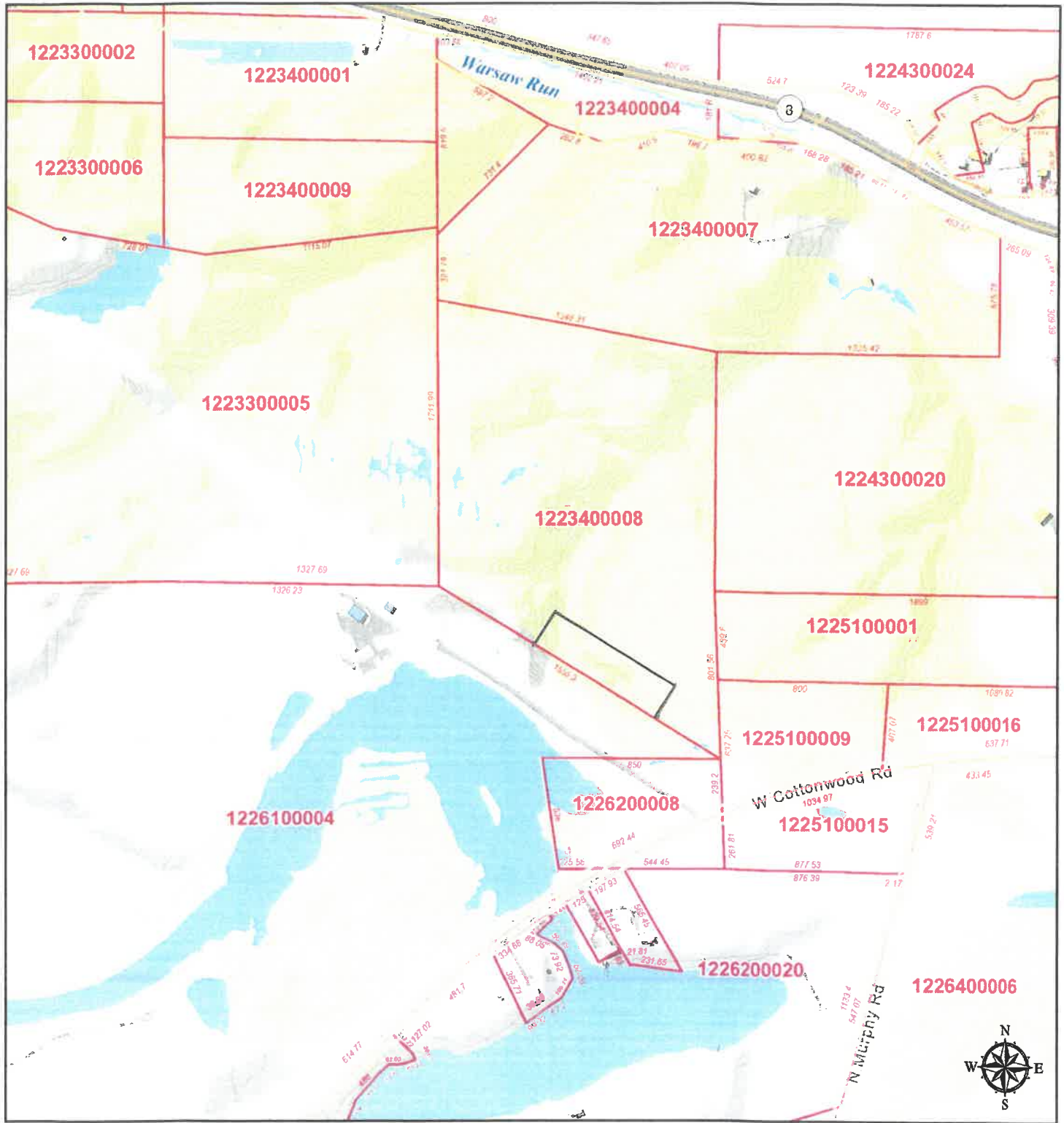
PARK DISTRICT:

THE PLEASURE DRIVEWAY AND
PARK DISTRICT OF PEORIA,
ILLINOIS

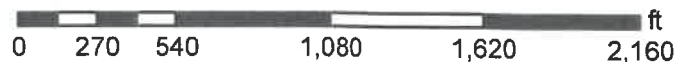
By: Robert L. Johnson, Sr.
Name: Robert L. Johnson, Sr.
Title: Park Board President

121-259

Property Map



1 inch = 667 feet



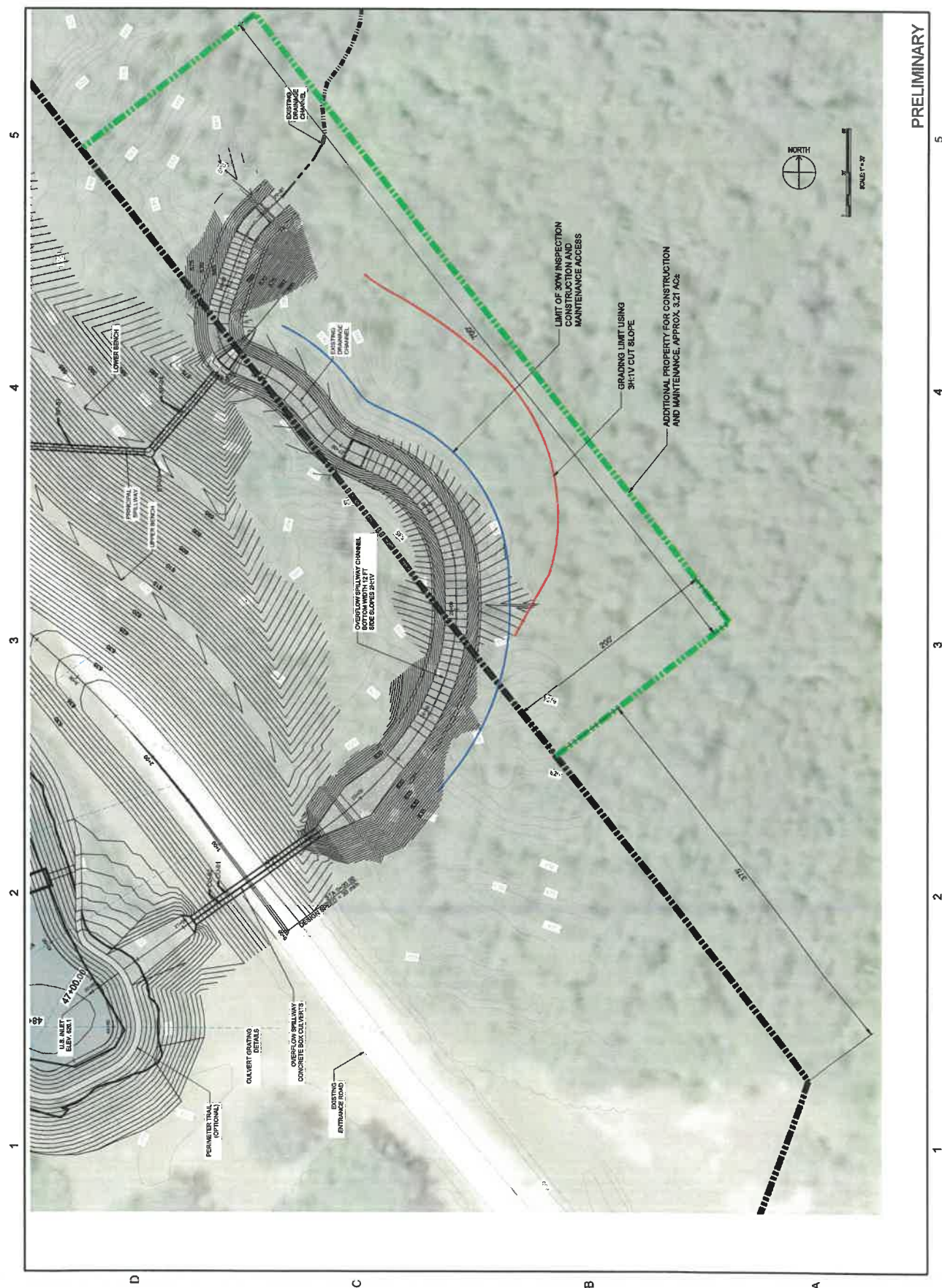
Disclaimer: Data is provided 'as is' without warranty or any representation of accuracy, timeliness or completeness. The burden or determining fitness for, or the appropriateness for use, rests solely on the requester. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is in a constant state of maintenance. This website is NOT intended to be used for legal litigation or boundary disputes and is informational.

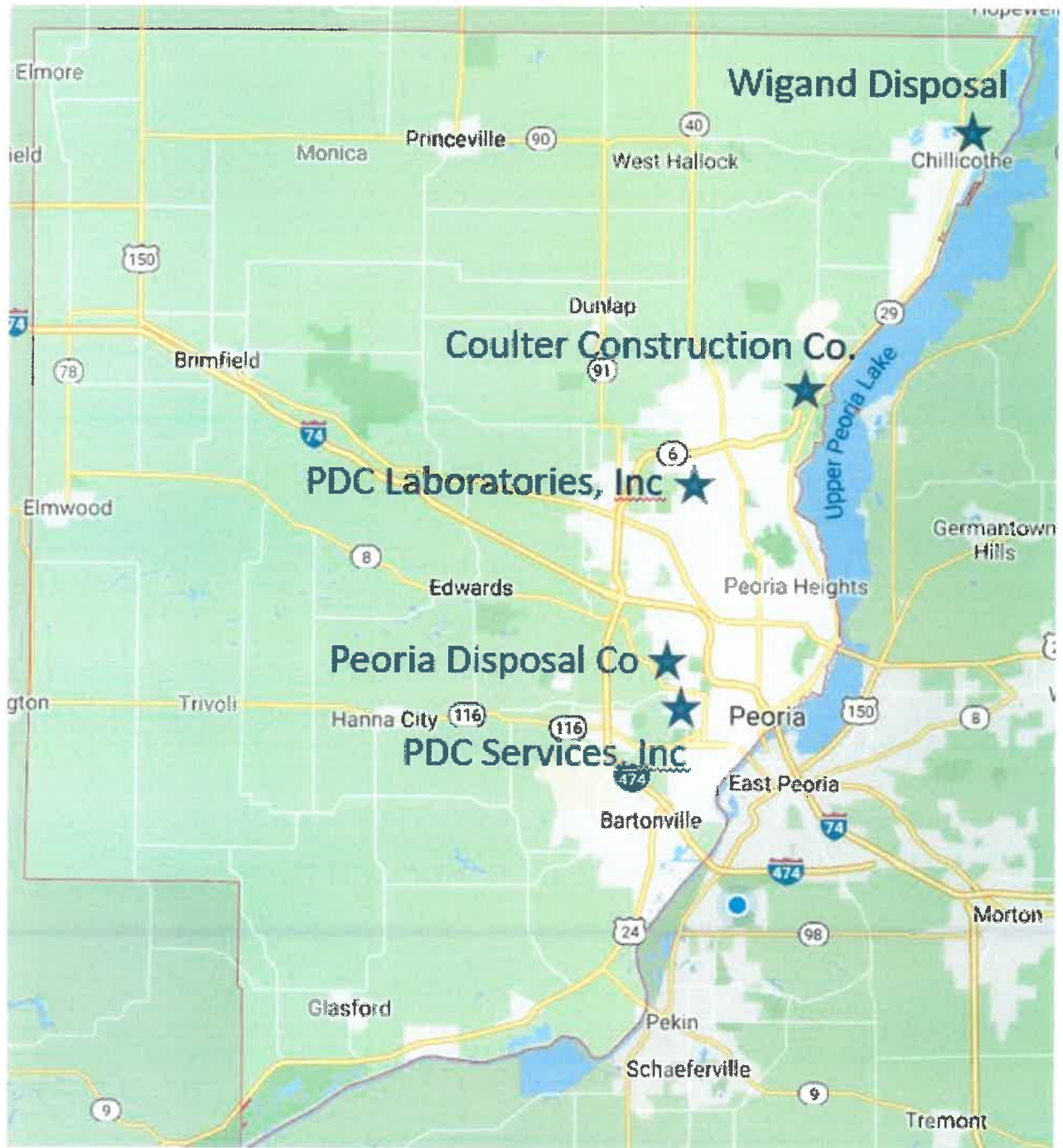


LAKE REHABILITATION
AND WETLANDS
ENHANCEMENT
PROJECT

PEORIA CITY / COUNTY
LANDFILL No. 3
PEORIA CO., ILLINOIS[illegible]

ADD'L PROPERTY
FOR CONSTRUCTION
AND MAINTENANCE
SKETCH





the following year. The payment shall be pro-rated for any partial year. The \$300,000 minimum will be adjusted annually on January 1 of each year at the same percentage rate that the Standard Gate Rate for Municipal Waste is adjusted. (Section 9.4 of the Specifications).

15.6 COUNTY MUNICIPAL WASTE REBATE

The Contractor shall pay to the County a rebate of \$10.00 for each ton of Municipal Waste landfilled at the Expansion Solid Waste Facility which was collected under the County Waste Collection Program, if any. The rebate shall be remitted to the County on a quarterly basis, due on or before the 20th day of the month following the end of each calendar quarter.

16. RECYCLING DROP-OFF SITES

Commencing upon the acceptance of Municipal Waste at the Expansion Solid Waste Facility, the Contractor shall provide the County, at no cost, with four (4) recycling drop-off sites for the placement of containers to increase the convenience of recycling for residents and businesses in Peoria County. In addition, the Contractor shall arrange for the servicing of these sites at no cost to the County. The four (4) recycling drop-off sites will be located at the following places:

- (a) Wigand Disposal Company located at: 19908 N. Route 29, Chillicothe, IL 61523
- (b) PDC Laboratories, Inc. located at 2231 W. Altorfer Drive, Peoria, IL 61615.
- (c) PDC Services, Inc. located at 1113 N. Swords Avenue, Peoria, IL 61604.
- (d) Peoria Disposal Company located at 4349 Southport Road, Peoria, IL 61615.

In addition, upon the acceptance of Municipal Waste at the Expansion Solid Waste Facility, the Contractor shall service, upon mutually agreed upon collection rates, four (4) recycling drop-off sites at locations arranged for by the County.

The Contractor shall retain all proceeds from the sale of recyclable material collected at the above recycling drop-off sites.

17. SALE OF SURPLUS SOILS

The Contractor shall pay to the Committee the Net Revenue the Contractor receives from any sale of surplus soils from the Facility. The term "Net Revenue" shall equal gross revenue minus costs. The Net Revenue shall be paid to the Committee within thirty (30) days of its receipt by the Contractor.

PDC Laboratories, Inc.

2231 W. Altorfer Drive, Peoria, Illinois 61615 • 309/692-9688 • www.pdclab.com



SERVICES PROVIDED

- **HAZARDOUS WASTE ANALYSES**
TCLP, Cyanide, EOX, Sulfide, BTU, etc.
- **TREATABILITY STUDIES**
Heavy Metals Stabilization, Neutralization, Solidification, Biotreatment, Precipitation, Simulations
- **GROUNDWATER MONITORING**
TOX, TOC, Nitrate/Nitrites, Phenols, Cyanides, Sulfates, Metals & Organics
- **DRINKING WATER ANALYSES**
VOCs, SOC, IOC, Nitrate, Nitrite, Fluoride, THMs, HAAs
- **WASTE WATER MONITORING**
BOD, COD, Ammonia, TSS, Fats/Oils/Grease, Hex Cr, Metals & Organics
- **WASTE WATER TREATABILITY STUDIES**
Analyses as specified by permit needs
- **BACTERIOLOGY/MICROSCOPY**
Total Fecal Coliform, E-coli, Total Plate Count, Asbestos, Bacterial Identification
- **UST ANALYSES**
BTEX, PNAs, TPH, TCLP-Pb, etc.
- **SLUDGE ANALYSES**
Total Solids, Ammonia, TKN, USEPA-503 Metals
- **LEAD ABATEMENT ANALYSES**
Air cassettes, wipes & paint chips
- **FIELD SERVICES & SAMPLING**
Sampling equipment, sample collection, on-site analyses
- **CUSTOM ANALYTICAL SERVICES**
Apply our broad ranging experience and extensive resources to your unique analytical requirements.
- **DIOXIN TESTING**
In soils and water

FACILITY

- MONITORED SECURITY SYSTEM
- CENTRALIZED WATER PURIFICATION SYSTEM
- 25,000 SQUARE FEET
- DEDICATED STANDARDS LABORATORY
- ZONED AIR HANDLING
- BACK-UP POWER SUPPLY

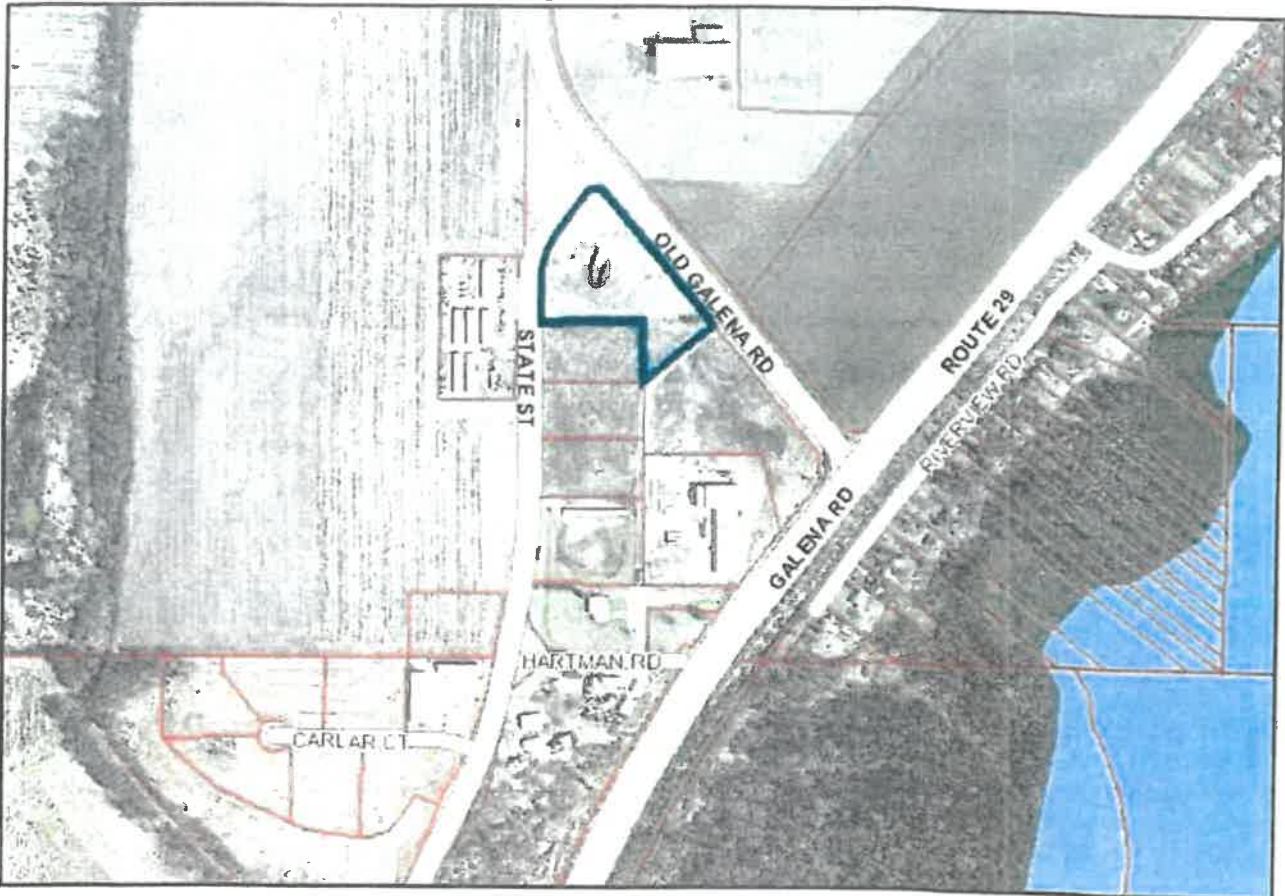
TECHNICAL SUPPORT

- PERSONALIZED SERVICE FROM QUALIFIED LAB PERSONNEL
- ASSISTANCE WITH TECHNICAL REPORTING
- LAB STAFF OF OVER 100 CHEMISTS, SCIENTISTS AND PROFESSIONALS
- WELL-EQUIPPED, EXPERIENCED SAMPLING TEAMS
- AFFILIATED WITH PDC ENVIRONMENTAL COMPANIES

CUSTOMER COMMITMENT

In the analysis of your samples, PDC Laboratories, Inc. places its highest priority on delivering accurate results with responsive turnaround times. This objective rests on a company reputation earned over seventy years of experience in the environmental business.

Peoria County Assessment FrontDesk

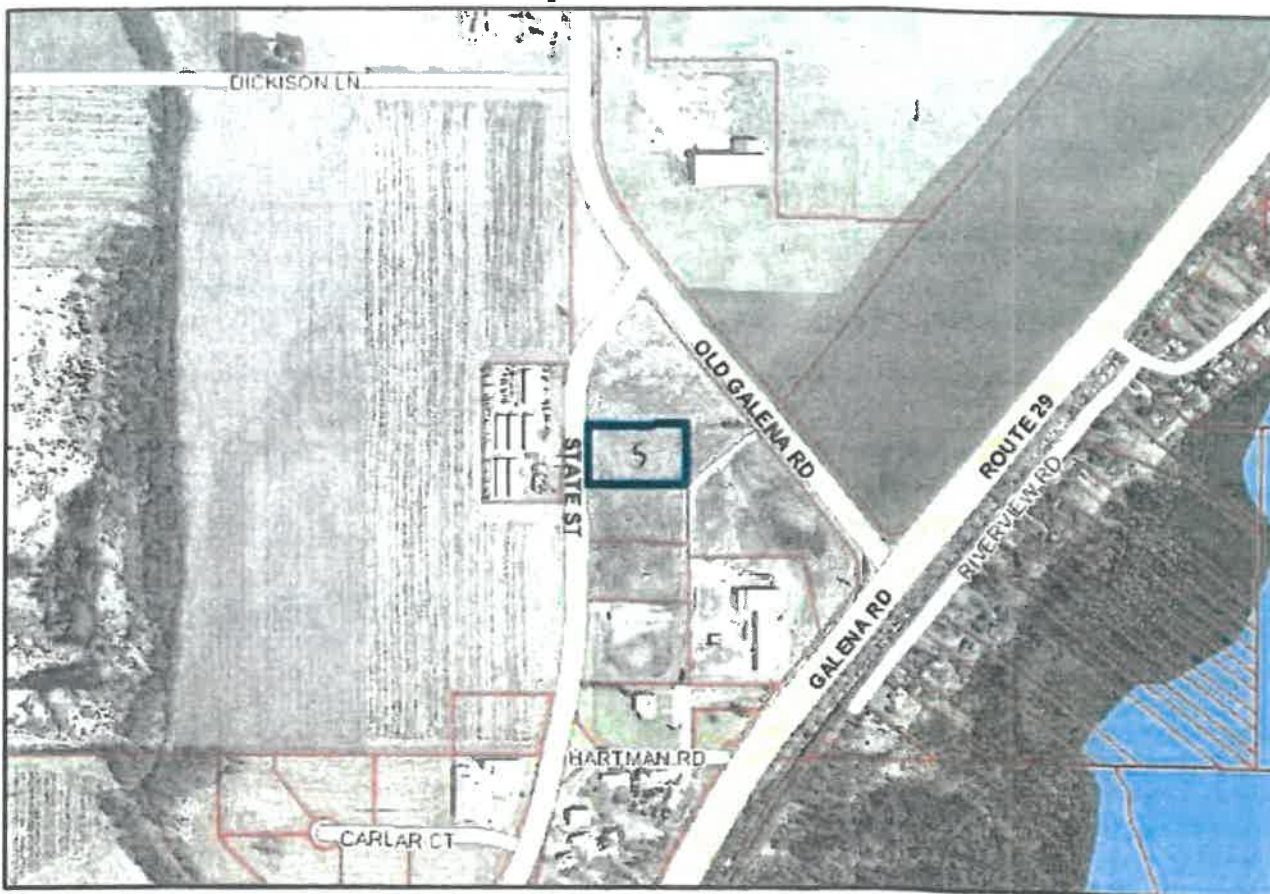


Parcel ID	0923351005	Suffix	RD
Tax Code	152	City	CHILLICOTHE
Acreage	5	State	IL
Property House No.		Zip	61523
Direction	N	Legal Description	GALENA ROAD INDUSTRIAL PARK SW 1/4 SEC 23-10N-8E LOT 6
Street	OLD GALENA		

Disclaimer: Data is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The burden for determining fitness for, or the appropriateness for use, rests solely on the requester. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is in a constant state of maintenance. Zoning is a draft version. The official zoning map resides in the City/County planning offices -Peoria County GIS Division

Map Scale
1 inch = 700 feet

Peoria County Assessment FrontDesk

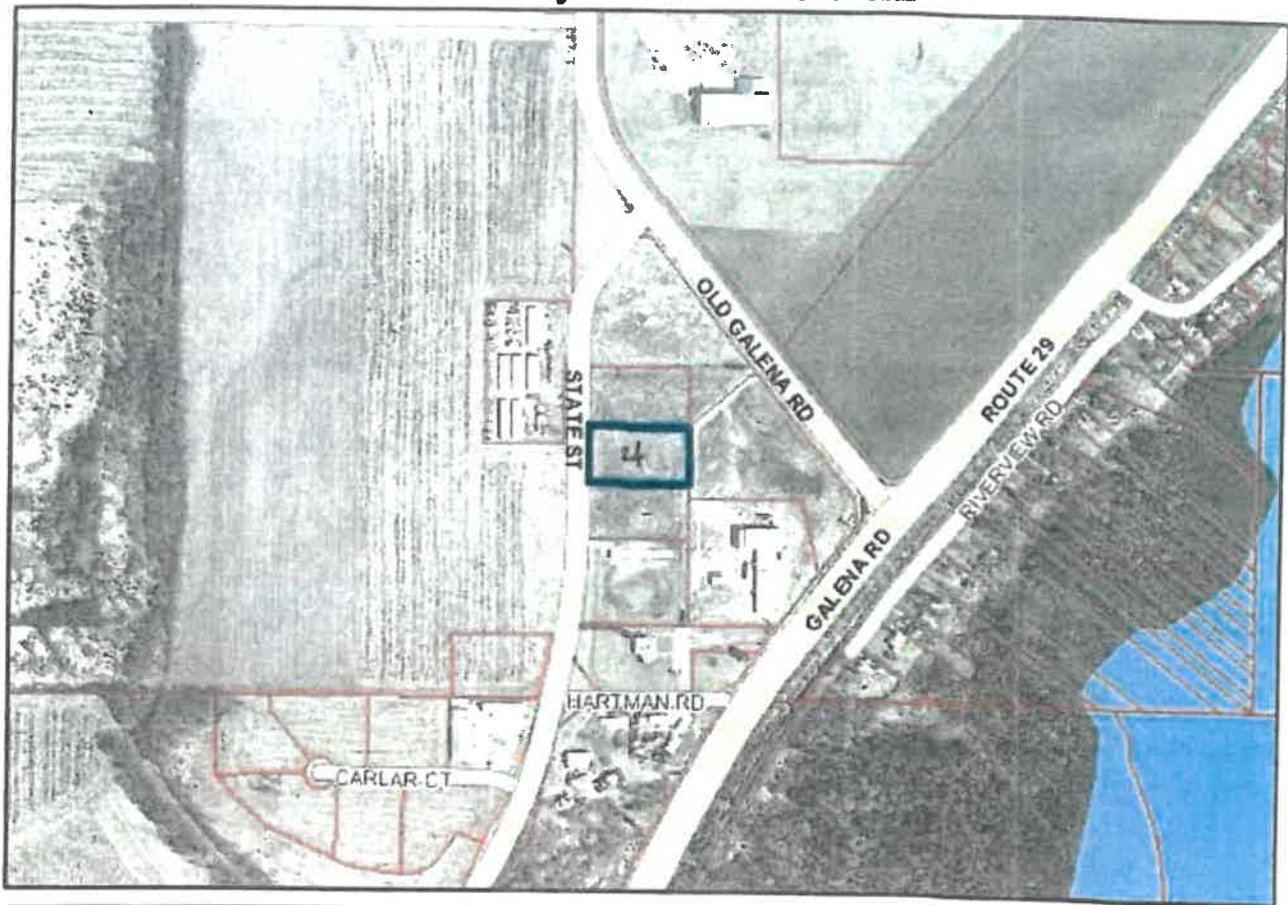


Parcel ID	0923351006	Suffix	RD
Tax Code	152	City	CHILLICOTHE
Acreage	2	State	IL
Property House No.		Zip	61523
Direction	N	Legal Description	GALENA ROAD INDUSTRIAL PARK SW 1/4 SEC 23-10N-8E LOT 5
Street	OLD GALENA		

Disclaimer: Data is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The burden for determining fitness for, or the appropriateness for use, rests solely on the requester. Therequester acknowledges and accepts the limitations of the Data, including thefact that the Data is in a constant state of maintenance. Zoning is a draft version. The official zoning map resides in the City/County planning offices -Peoria County GIS Division

Map Scale
1 inch = 713 feet

Peoria County Assessment FrontDesk



Parcel ID	0923351007	Suffix	RD
Tax Code	152	City	CHILLICOTHE
Acreage	2	State	IL
Property House No.		Zip	61523
Direction	N	Legal Description	GALENA ROAD INDUSTRIAL PARK SW 1/4 SEC 23-10N-8E LOT 4
Street	OLD GALENA		

Disclaimer: Data is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The burden for determining fitness for, or the appropriateness for use, rests solely on the requester. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is in a constant state of maintenance. Zoning is a draft version. The official zoning map resides in the City/County planning offices -Peoria County GIS Division

Map Scale
1 inch = 714 feet

THIRD AMENDMENT TO LANDFILL AGREEMENT

THIS THIRD AMENDMENT TO LANDFILL AGREEMENT ("Agreement") is made and effective _____, 2021, by and among the COUNTY OF PEORIA, ILLINOIS, a body politic and corporate (the "County"), the CITY OF PEORIA, ILLINOIS, a municipal corporation (the "City") (the County and the City shall be collectively referred to as the "Owners"), the JOINT CITY OF PEORIA-COUNTY OF PEORIA SOLID WASTE DISPOSAL FACILITY BOARD (the "Committee") and PEORIA CITY/COUNTY LANDFILL, INC., an Illinois corporation (the "Contractor").

RECITALS

WHEREAS, the Owners, the Committee and the Contractor entered into a certain Landfill Agreement effective December 11, 2009, as amended by First Amendment To Landfill Agreement effective May 10, 2012, as amended by Second Amendment to Landfill Agreement effective June 30, 2018 (collectively the "Landfill Agreement");

WHEREAS, the Owners, the Committee and the Contractor desire to amend the Landfill Agreement to effectuate certain changes and revisions thereof;

NOW, THEREFORE, for and in consideration of the foregoing recitals, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Owners, the Committee and the Contractor, intending to be legally bound, hereby amend the Landfill Agreement as follows:

1. Section 16 of the Landfill Agreement is deleted in its entirety and the following is substituted in lieu thereof:

16. RECYCLING DROP-OFF SITES

Commencing upon the acceptance of Municipal Waste at the Expansion Solid Waste Facility, the Contractor shall provide the County, at no cost, with four (4) recycling drop-off sites for the placement of containers to increase the convenience of recycling for residents and businesses in Peoria County. In addition, the Contractor shall arrange for the servicing of these sites at no cost to the County. The four (4) recycling drop-off sites will be located at the following places:

- (a) Wigand Disposal Company located at 19908 N. Route 29, Chillicothe, IL 61523
- (b) Lot 4, 5 or 6 in Galena Road Industrial Park located at North Old Galena Road, Chillicothe, Illinois.
- (c) PDC Services, Inc. located at 1113 N. Swords Avenue, Peoria, IL 61604.
- (d) Peoria Disposal Company located at 4349 Southport Road, Peoria, IL 61615.

With the prior written consent of the Committee, the Contractor shall have the right to substitute other locations in lieu of the above listed locations.

In addition, upon the acceptance of Municipal Waste at the Expansion Solid Waste Facility, the Contractor shall service, upon mutually agreed upon collection rates, four (4) recycling drop-off sites at locations arranged for by the County.

The Contractor shall retain all proceeds from the sale of recyclable material collected at the above recycling drop-off sites.

2. Except as hereinabove set forth, the Landfill Agreement shall remain unmodified and be in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective duly authorized officers or representatives on the date first above written.

COUNTY OF PEORIA

CITY OF PEORIA

By: _____
Its: _____

By: _____
Its: _____

Attest:

Attest:

By: _____
Its: _____

By: _____
Its: _____

JOINT CITY OF PEORIA-COUNTY OF
PEORIA SOLID WASTE DISPOSAL
FACILITY BOARD

PEORIA CITY/COUNTY LANDFILL,
INC.

By: _____
Its: _____

By: _____
Its: _____

Attest:

By: _____
Its: _____



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 628639IL
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Corbion
2. Site Address: 910 NE Adams Street
(City, State, ZIP) Peoria IL 61603
3. County: Peoria
4. Contact Name: Kreg Linden
5. Email: kreg.linden@corbion.com
6. Phone: (309) 219-5734 7. Fax: _____
8. Generator EPA ID: 1430655831 ☐ N/A
9. State ID: IL0079731 ☐ N/A

C. MATERIAL INFORMATION

1. Common Name: Sensient Tastone yeast extract
Describe Process(es) Generating Material: ☒ See Attached

Material was used in the production of algal ingredients. We are in a different division with Corbion and product is no longer needed and expired.

2. Material Composition and Contaminants: ☒ See Attached

1. <u>tasttone yeast extract</u>	100 %
2. _____	
3. _____	
4. _____	

Total comp. must be equal to or greater than 100% ≥100%

3. State Waste Codes: _____ ☒ N/A
4. Color: off white
5. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: 0 to 0 ☐ N/A
7. pH: 6.00 to 7.3 ☐ 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:

C of A attached

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.

☐ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Kreg Linden Date: 03/02/2021
Title: Shipping Receiving Specialist
Company: Corbion Biotech

THINK GREEN.®**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE** Revised November 06, 2020 © 2020 WM Intellectual Property Holdings, L.L.C.**B. BILLING INFORMATION**☐ SAME AS GENERATOR

1. Billing Name: Corbion
2. Billing Address: 8250 Flint Street
(City, State, ZIP) Lenexa KS 66214
3. Contact Name: Paul Flournoy
4. Email: ap.invoices@corbion.com
5. Phone: (913) 890-5500 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
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
***If Yes, see Addendum (page 2) for additional questions and space.**
9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
a. Regulated by 40 CFR 761? ☐ Yes ☐ No
b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
c. Were PCB imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 1000
☐ Tons ☐ Yards ☐ Drums ☐ Gallons ☒ Other: pounds
3. Container Type and Size: 40 pound bags
4. USDOT Proper Shipping Name: ☒ N/A

Certification Signature

1762F342ab...



**Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION**

F. Additional Waste Stream Information

Profile Number: 628639IL

Generators Name: Corbion

Generators SITE Address: 910 NE Adams Street Peoria IL 61603
(The location where the waste is generated)

Waste Name: Sensient Tastone yeast extract

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

Is the waste referenced above any of the following:

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

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

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

8. Is the waste represented by this profile sheet exempt from Illinois Solid Waste Management Act fee? ☐ Yes ☒ No

Select option: ☐ Pollution Control Waste ☐ Other

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

Name: (Print) Kreg Linden Title: Shipping Receiving Specialist

Signature: Kreg Linden Date: 03/02/2021

Sensient Flavors LLC
330 Mill Street
Juneau, WI 53039-1252

CERTIFICATE OF ANALYSIS

12/02/15

Company:	SOLAZYME MANUFACTURING LLC
Customer Order Number:	309346
Sensient Order Number:	783945
Product:	TT900-40-AG
Product Code:	
Product Lot #:	GC15286-1
Production Date:	10/13/15
Expiration Date:	10/12/17

% Protein	62.0 to 74.0	71.28
% AN/TN	28.0 to 46.0	34.88
% Moisture	Max 4.5	2.64
% Ash	Max 15.0	9.38
pH 5% Solution	6.00 to 7.30	6.57
% NaCl	Max 1.50	0.75
Standard Plate Count	Max 10,000	<10
Yeast and Mold/gm	Max 50	<10
Total Coliforms MPN	Max 10	<1
E.Coli MPN	Negative	Negative
Salmonella/750gm	Negative	Negative



Quality Control Manager

Safety Data Sheet**Savory Flavor Material**

Safety Data Sheet dated: 6/18/2015 - version 2

Date of first edition: 5/4/2015

1. IDENTIFICATION**Product identifier**

Mixture identification:

Trade name: TASTONE 900 AG 40LB BAG

Other means of identification

Trade code: TT900-40-AG

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Sensient Flavors LLC

5115 Sedge Blvd

Hoffman Estates, IL 60192

USA

Transport Emergency:(CHEMTREC): +1 800-424-9300 (CHEMTREC INTERNATIONAL): +1 703-527-3887

Product Information: +1 847-645-7000

2. HAZARD(S) IDENTIFICATION

This mixture has not been tested as a whole. It contains ingredients that could present a health hazard to employees, as outlined below.

Classification of the chemical

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Ingredient(s) with unknown acute toxicity

None

Hazards not otherwise classified identified during the classification process:

None

NIOSH has reported the occurrence of severe lung disease in some workers who make or use flavorings. According to the December 2003 NIOSH Report, the main respiratory symptoms experienced by workers affected by fixed airways obstruction include cough (usually without phlegm) and shortness of breath on exertion. NIOSH further reports that some workers may experience fever, night sweats, and weight loss.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substances**

Not determined

Mixtures

The identify of one or more individual components of this mixture and the exact percentage concentrations of disclosed components of this mixture are considered proprietary information and are being withheld as trade secret information pursuant to 29 CFR 1910.1200(i).

List of components

Qty	Name	Ident. Numb.
> 50 %	Trade Secret	

4. FIRST AID MEASURES**Description of first aid measures**

In case of skin contact:

Wash with plenty of water and disinfectant/non-abrasive soap.

In case of eye contact:

Wash immediately with water.

In case of ingestion:

Do not induce vomiting. Seek immediate medical attention and provide SDS to medical provider.

In case of inhalation:

Remove exposed person to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Not determined

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media:

In case of fire use dry chemical, foam or CO2 for extinction.

In case of fire use dry chemical, foam or CO2 for extinction.

Unsuitable extinguishing media

None identified

Specific hazards arising from the chemical

Do not inhale explosion or combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not determined

Explosive properties: Not relevant (UN Test 3(a)ii BAM Fallhammer)

Oxidizing properties: Not relevant (Oxidizing Liquids Test Chamber)

Special personal protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water. Do not discharge into drains.

Move undamaged containers from immediate hazard area but only if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Wear personal protective equipment.

Remove exposed persons to safety.

See protective measures under points 7 and 8.

Methods and material for containment and cleanup

Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).

Wash with plenty of water.

7. HANDLING AND STORAGE**Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapors and mists.

Do not eat or drink while working.

See also section 8 for recommended personal protective equipment.

Conditions for safe storage, including any incompatibilities

Store in a tightly closed container in a cool, dry, well-ventilated area.

Incompatible materials:

None identified

Instructions regarding storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

No Data Available

Appropriate engineering controls: Not determined

Individual protection measures

Eye/face protection:

Not needed for normal use. Follow good working practices.

Skin protection:

No special precautions necessary for normal use.

Hand protection:

Not needed for normal use.

Respiratory protection:

Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust. If necessary, use an experienced air-sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operation practices to minimize exposure. If necessary, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly

exposed to this material.

Additional Information:

In December 2003, the National Institute for Occupational Safety and Health (NIOSH) published an Alert on preventing lung disease in workers who use or make flavorings. NIOSH Publication Number 2004-110. In August 2004, the United States Flavor and Extract Manufacturers Association (FEMA) issued a report entitled, "Respiratory Safety in the Flavoring Manufacturing Workplace". Both of these documents provide recommendations for reducing employee exposure and for medical surveillance in the workplace. The recommendations in these documents are generally applicable to the use of any chemical in the workplace and you are strongly urged to review both of these documents.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Solid
Appearance: Powder, Tan (Visual)
Odor: Savory (Organoleptic)
Odor threshold: Not determined (Organoleptic)
pH: 6.80 (pH meter)
Melting point/ range: Not determined
Boiling point/ range: Not determined (OECD GUIDELINE 103)
Flash point: 94 °C (201 °F) (Pensky-Martens Closed Cup Test (ASTM D93))
Evaporation rate: Not determined (Shell Thin-Film Evaporometer ASTM D3539 - 87(2004))
Upper/lower flammability or explosive limits: Not determined (ASTM E681-09)
Vapor density: Not determined (Calculation)
Vapor pressure: Not determined (ASTM D5190 - 07 for Petroleum Products)
Density: Not determined (OECD GUIDELINE 109)
Water solubility: Soluble (OECD GUIDELINE 105)
Lipid solubility: Insoluble (OECD GUIDELINE 105)
Partition coefficient (n-octanol/water): Not determined (OECD GUIDELINE 123 Slow-Stirring Method)
Auto-ignition temperature: Not determined (ASTM E659 Method for Liquid Chemicals.)
Decomposition temperature: Not determined (Time Pressure Test Vessel)
Viscosity: Not determined (OECD GUIDELINE 114)
Explosive properties: Not determined (UN Test 3(a)ii BAM Fallhammer)
Oxidizing properties: Not determined (Oxidizing Liquids Test Chamber)
Flammability (Solid, Gas): Not determined (ASTM Method E681-94.)

Other information

Substance group relevant properties: Not determined
Miscibility: Not determined
Fat solubility: Not determined
Conductivity: Not determined (Conductivity meter)

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical stability

Data not available.

Possibility of hazardous reactions

Burning produces carbon monoxide and/or carbon dioxide.

Conditions to avoid

Stable under normal conditions of temperature and pressure.

Incompatible materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

Hazardous decomposition products

Burning produces carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product: No Data Available

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices so that the product is not released into the environment.

Persistence and degradability

Not determined

Bioaccumulative potential

Not determined

Mobility in soil

Not determined

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

Recover if possible. Comply with applicable regulations.

14. TRANSPORT INFORMATION

UN number

ADR-UN number: N/A

DOT-UN Number: N/A

IATA-Un number: N/A

IMDG-Un number: N/A

UN proper shipping name

ADR-Shipping Name: N/A

DOT Proper Shipping Name: N/A

IATA-Technical name: N/A

IMDG-Technical name: N/A

Transport hazard class(es)

ADR-Class: N/A

DOT Hazard Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

Packing group

ADR-Packing Group: N/A

Exempted for ADR: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not determined

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not determined

Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): N/A

DOT Label(s): N/A

DOT Symbol: N/A

DOT Cargo Aircraft: N/A

DOT Passenger Aircraft: N/A

DOT/TDG Bulk: N/A

DOT Non-Bulk: N/A

Road and Rail (ADR-RID):

ADR-Label: N/A

ADR-Upper number: N/A

ADR Tunnel Restriction Code: N/A

Air (IATA):

- IATA-Passenger Aircraft: N/A
- IATA-Cargo Aircraft: N/A
- IATA-Label: N/A
- IATA-Sub Risk: N/A
- IATA-Erg: N/A
- IATA-Special Provisioning: N/A

Sea (IMDG):

- IMDG-Stowage Code: N/A
- IMDG-Stowage Note: N/A
- IMDG-Sub Risk: N/A
- IMDG-Special Provisioning: N/A
- IMDG-Page: N/A
- IMDG-Label: N/A
- IMDG-EMS: N/A
- IMDG-MFAG: N/A

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All the components are listed on the TSCA inventory

Section 313 - Toxic chemical list:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

16. OTHER INFORMATION

Safety Data Sheet dated: 6/18/2015 - version 2

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
CLP: Classification, Labeling, Packaging
EINECS: European Inventory of Existing Commercial Chemical Substances
INCI: International Nomenclature of Cosmetic Ingredients
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GefStoffVO: Ordinance on Hazardous Substances, Germany
LC50: Lethal concentration, for 50 percent of test population
LD50: Lethal dose, for 50 percent of test population
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
TWATLV: Threshold Limiting Value for the Time Weighted Average 8 hour day.(ACGIH Standard)
STEL: Short Term Exposure limit

STOT: Specific Target Organ Toxicity

WGK: German Water Hazard Class

KSt: Explosion coefficient

*** Sheet model entirely changed in compliance to regulatory update.**



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 628404IL
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Peoria Housing Authority
2. Site Address: 101 Irving Street
(City, State, ZIP) Peoria IL 61602-0000
3. County: Peoria
4. Contact Name: Melissa Huffstedtler
5. Email: _____
6. Phone: (309) 676-8736 7. Fax: _____
8. Generator EPA ID: _____ ☒ N/A
9. State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

1. Common Name: Soil contaminated with heating oil
Describe Process(es) Generating Material: ☐ See Attached
LUST soil
2. Material Composition and Contaminants: ☐ See Attached

1. soil	99.999 %
2. fuel oil	0.001 %
3.	
4.	
Total comp. must be equal to or greater than 100%	≥100%

3. State Waste Codes: _____ ☒ N/A
4. Color: brown
5. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☒ N/A
7. pH: _____ to _____ ☒ N/A
8. Strong Odor: ☐ Yes ☒ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°–199°F ☐ ≥200° ☒ N/A

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.

- ☒ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Jackie L. Newman Date: 1/28/21
Title: Executive Director/CEO
Company: Peoria Housing Authority

B. BILLING INFORMATION☐ SAME AS GENERATOR

1. Billing Name: RW Collins
2. Billing Address: 7225 W. 66th St
(City, State, ZIP) Chicago IL 60638
3. Contact Name: josh bernat
4. Email: josh@rwcollins.com
5. Phone: (708) 670-1255 x0 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
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
***If Yes, see Addendum (page 2) for additional questions and space.**
9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
a. Regulated by 40 CFR 761? ☐ Yes ☐ No
b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
c. Were PCB imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 50
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: semi dump
4. USDOT Proper Shipping Name: ☒ N/A

Certification Signature



EZ Profile™ Addendum



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

Profile Number: 628404IL

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)?

☐ Yes ☐ No

→ 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 (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: **B-10**

☐ 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?

☐ Yes ☐ No

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

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

d. Is this waste soil from a remediation?

☐ Yes ☐ No

1. 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: _____



**Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION**

F. Additional Waste Stream Information

Profile Number: 628404IL

Generators Name: Peoria Housing Authority

Generators SITE Address: 101 Irving Street Peoria IL 61602-0000
(The location where the waste is generated)

Waste Name: Soil contaminated with heating oil

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):

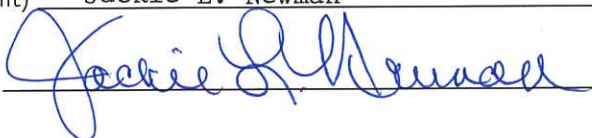
In determining that this waste is not RCRA hazardous, I have used knowledge of the processes generating the waste and the attached supporting documentation: ☒ MSDS ☐ Analytical ☐ Other (explain below):

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) Jackie L. Newman

Title: Executive Director/CEO

Signature: 

Date: January 28, 2021

SAFETY DATA SHEET

CITGO No. 2 Fuel Oil, All Grades



Section 1. Identification

GHS product identifier : CITGO No. 2 Fuel Oil, All Grades
Chemical name : Fuel oil, No 2
Synonyms : Heating Oil; Home Heating Oil; Furnace Oil; Burner Fuel; Fuel Oil No. 2; No. 2 Heating Oil; K-2 Fuel Oil; Grade 2 Distillate Fuel; High Sulfur Fuel Oil; C9-C20 Petroleum Hydrocarbons.
Code : Various
MSDS # : AG2FO

Supplier's details : CITGO Petroleum Corporation
P.O. Box 4689
Houston, TX 77210
sdsvend@citgo.com

Emergency telephone number (with hours of operation) : Technical Contact: (800) 248-4684
Medical Emergency: (832) 486-4700
CHEMTREC Emergency: (800) 424-9300
(United States Only)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY (inhalation) - Category 4
SKIN IRRITATION - Category 2
EYE IRRITATION - Category 2B
CARCINOGENICITY - Category 2
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 2
ASPIRATION HAZARD - Category 1
AQUATIC HAZARD (LONG-TERM) - Category 2

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Flammable liquid and vapor.
Harmful if inhaled.
Causes skin and eye irritation.
Suspected of causing cancer.
May be fatal if swallowed and enters airways.
May cause damage to organs through prolonged or repeated exposure. (central nervous system (CNS))
Toxic to aquatic life with long lasting effects.

Precautionary statements

General : Do not syphon by mouth.

Section 2. Hazards identification

Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Do not breathe vapor. Wash hands thoroughly after handling.
Response	: Collect spillage. Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. 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 attention.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	: Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and receiving equipment. These alone may be insufficient to remove static electricity. Do not taste or swallow. Wash thoroughly after handling.
Hazards not otherwise classified	: Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor may cause flash fire or explosion. Causes digestive tract burns. Prolonged or repeated contact may dry skin and cause irritation.

Section 3. Composition/information on ingredients

Substance/mixture	: Substance
Chemical name	: Fuel oil, No 2
Other means of identification	: Heating Oil; Home Heating Oil; Furnace Oil; Burner Fuel; Fuel Oil No. 2; No. 2 Heating Oil; K-2 Fuel Oil; Grade 2 Distillate Fuel; High Sulfur Fuel Oil; C9-C20 Petroleum Hydrocarbons.

CAS number/other identifiers

CAS number : 68476-30-2

Ingredient name	%	CAS number
Fuel oil, No 2	>99	68476-30-2
Benzene, trimethyl-	1 - 5	25551-13-7
Naphthalene	0.5 - 1.5	91-20-3
biphenyl	0.5 - 1.5	92-52-4
Cumene	0.5 - 1.5	98-82-8
Xylene	0.5 - 1.5	1330-20-7
Ethylbenzene	0.5 - 1.5	100-41-4

* = Various ** = Mixture *** = Proprietary

Any concentration shown as a range is to protect confidentiality or is due to process variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes eye irritation.
- Inhalation** : Harmful if inhaled.
- Skin contact** : Causes skin irritation. Defatting to the skin.
- Ingestion** : Corrosive to the digestive tract. Causes burns. May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain or irritation
watering
redness
- Inhalation** : Repeated or prolonged overexposure to solvents can cause brain or other nervous system damage. The symptoms can include the loss of memory, the loss of intellectual capacity and the loss of coordination.
- Skin contact** : Adverse symptoms may include the following:
irritation
redness
dryness
cracking
- Ingestion** : Adverse symptoms may include the following:
stomach pains
nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.
- Specific treatments** : Treat symptomatically and supportively.

Section 4. First aid measures

- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that gas or vapor is still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use caution when applying carbon dioxide in confined spaces.
SMALL FIRE: Steam, CO₂, dry chemical or inert gas (e.g., nitrogen). LARGE FIRE: Use foam, water fog or water spray. Water fog and spray are effective in cooling containers and adjacent structures. However, water can cause frothing and/or may not extinguish the fire. Water can be used to cool the external walls of vessels to prevent excessive pressure, ignition or explosion.

- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static accumulation may be significantly increased by the presence of small quantities of water or other contaminants. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Section 6. Accidental release measures

Methods and materials for containment and cleaning up

Small spill

- : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

- : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

- : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Restrict flow velocity according to API 2003 (2008), NFPA 77 (2007), and Laurence Britton, "Avoiding Static Ignition Hazards in Chemical Operations". To reduce potential for static discharge, ensure that all equipment is properly grounded and bonded and meets appropriate electrical classification requirements. Non equilibrium conditions may increase the fire hazard associated with this product. Always bond receiving containers to the fill pipe before and during loading. Always confirm that receiving container is properly grounded. Bonding and grounding alone may be inadequate to eliminate fire and explosion hazards. Carefully review operations that may increase the risks such as tank and container filling, tank cleaning, sampling, gauging, loading, filtering, mixing, agitation, etc. In addition to bonding and grounding, efforts to mitigate the hazards may include, but are not limited to, ventilation, inerting and/or reduction of transfer velocities. Always keep nozzle in contact with the container throughout the loading process. Do NOT fill any portable container in or on a vehicle.

Special precautions, such as reduced loading rates and increased monitoring, must be observed during "switch loading" operations (i.e., loading this material in tanks or shipping compartments that previously contained a dissimilar product).

Advice on general occupational hygiene

- : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Bulk Storage Conditions: Maintain all storage tanks in accordance with applicable regulations. Use necessary controls to monitor tank inventories. Inspect all storage tanks on a periodic basis. Test tanks and associated piping for tightness. Maintain the automatic leak detection devices to assure proper working condition.

Head spaces in tanks and other containers may contain a mixture of air and vapor in the flammable range. Vapor may be ignited by static discharge. Storage area must meet OSHA requirements and applicable fire codes. Additional information regarding the design and control of hazards associated with the handling and storage of flammable and combustible liquids may be found in professional and industrial documents including, but not limited to, the National Fire Protection Association (NFPA) publications NFPA 30 ("Flammable and Combustible Liquid Code"), NFPA 77 ("Recommended Practice on Static Electricity") and the American Petroleum Institute (API) Recommended Practice 2003, ("Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents").

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Nonane	ACGIH TLV (United States, 4/2014). TWA: 200 ppm 8 hours. TWA: 1050 mg/m ³ 8 hours.
Benzene, trimethyl-	ACGIH TLV (United States, 4/2014). TWA: 25 ppm 8 hours. TWA: 123 mg/m ³ 8 hours.
Naphthalene	ACGIH (United States). Absorbed through skin. TWA: 10 ppm 8 hours. STEL: 15 ppm 15 minutes. OSHA (United States). TWA: 10 ppm 8 hours. ACGIH TLV (United States, 4/2014). Absorbed through skin. TWA: 10 ppm 8 hours. TWA: 52 mg/m ³ 8 hours. OSHA PEL (United States, 2/2013). TWA: 10 ppm 8 hours. TWA: 50 mg/m ³ 8 hours.
biphenyl	OSHA PEL Z2 (United States). TWA: 0.2 ppm 8 hours. ACGIH TLV (United States, 4/2014). TWA: 0.2 ppm 8 hours. TWA: 1.3 mg/m ³ 8 hours. OSHA PEL (United States, 2/2013). TWA: 0.2 ppm 8 hours. TWA: 1 mg/m ³ 8 hours.
Ethylbenzene	ACGIH TLV (United States, 4/2014). TWA: 20 ppm 8 hours. OSHA PEL (United States, 2/2013). TWA: 100 ppm 8 hours. TWA: 435 mg/m ³ 8 hours.
Xylene	ACGIH TLV (United States, 4/2014).

Section 8. Exposure controls/personal protection

1,2,4-trimethylbenzene

TWA: 100 ppm 8 hours.
 TWA: 434 mg/m³ 8 hours.
 STEL: 150 ppm 15 minutes.
 STEL: 651 mg/m³ 15 minutes.

OSHA PEL (United States, 2/2013).

TWA: 100 ppm 8 hours.
 TWA: 435 mg/m³ 8 hours.

ACGIH TLV (United States, 4/2014).

TWA: 25 ppm 8 hours.
 TWA: 123 mg/m³ 8 hours.

ACGIH TLV (United States, 4/2014).

TWA: 50 ppm 8 hours.

OSHA PEL (United States, 2/2013).**Absorbed through skin.**

TWA: 50 ppm 8 hours.
 TWA: 245 mg/m³ 8 hours.

Cumene

Appropriate engineering controls

- : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

- : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, vapor controls, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures**Hygiene measures**

- : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

- : Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection**Hand protection**

- : Avoid skin contact with liquid. Chemical-resistant gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Recommended: Heavy duty, industrial grade chemically resistant gloves constructed of nitrile, neoprene, polyethylene, fluoroelastomer rubber or polyvinyl chloride as approved by glove manufacturer. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Leather gloves are not protective for liquid contact.

Body protection

- : Avoid skin contact with liquid. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

- : Avoid skin contact with liquid. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Leather boots are not protective for liquid contact.

Section 8. Exposure controls/personal protection

- Respiratory protection** : Avoid inhalation of gases, vapors, mists or dusts. Use a properly fitted, air-purifying or supplied-air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If an air purifying respirator is appropriate, use one equipped with cartridges rated for organic vapors.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Red.
- Odor** : Characteristic.
- pH** : Not available.
- Boiling point** : 282 to 338°C (539.6 to 640.4°F)
- Flash point** : Closed cup: 54°C (129.2°F) [Pensky-Martens.]
- Evaporation rate** : <1 (butyl acetate = 1)
- Lower and upper explosive (flammable) limits** : Lower: 0.6%
Upper: 6.5%
- Vapor pressure** : 0.27 kPa (2 mm Hg) [room temperature]
- Vapor density** : 5 [Air = 1]
- Relative density** : 0.84
- Density lbs/gal** : Estimated 7 lbs/gal
- Density gm/cm³** : 0.87 g/cm³
- Gravity, °API** : Estimated 37 @ 60 F
- Solubility** : Very slightly soluble in the following materials: cold water.
- Partition coefficient: n-octanol/water** : >3.3
- Flow time (ISO 2431)** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): 0.015 cm²/s (1.5 cSt)
- Viscosity SUS** : Estimated 7 SUS @104 F
- Conductivity** : <50 picosiemens/meter (unadditized)

Section 10. Stability and reactivity

- Reactivity** : Not expected to be Explosive, Self-Reactive, Self-Heating, or an Organic Peroxide under US GHS Definition(s).
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas. Do not store with strong oxidizing agents.
- Incompatible materials** : Reactive or incompatible with the following materials:
oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Fuel oil, No 2	LD50 Oral	Rat	12 g/kg	-
Benzene, trimethyl-	LD50 Oral	Rat	8970 mg/kg	-
Naphthalene	LD50 Oral	Rat	490 mg/kg	-
biphenyl	LD50 Dermal	Rabbit	>5010 mg/kg	-
	LD50 Oral	Rat	2140 mg/kg	-
Cumene	LC50 Inhalation Vapor	Mouse	10 g/m ³	7 hours
	LD50 Dermal	Rabbit	12300 uL/kg	-
	LD50 Oral	Rat	2.9 g/kg	-
Xylene	LD50 Oral	Rat	4000 mg/kg	-
	LC50 Inhalation Vapor	Rat	5000 ppm	4 hours
	LC50 Inhalation Vapor	Rat	6700 ppm	4 hours
	LD50 Oral	Mouse	2119 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-
Ethylbenzene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	3500 mg/kg	-

Conclusion/Summary : No additional information.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Fuel oil, No 2	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
	Skin - Moderate irritant	Rabbit	-	100 milligrams	-
Benzene, trimethyl-	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
Naphthalene	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
biphenyl	Eyes - Mild irritant	Rabbit	-	495 milligrams	-
	Skin - Severe irritant	Rabbit	-	100 milligrams	-
Cumene	Eyes - Mild irritant	Rabbit	-	24 hours 500 microliters	-
	Skin - Mild irritant	Rabbit	-	86 milligrams	-
Xylene	Skin - Mild irritant	Rat	-	24 hours 10 milligrams	-
	Skin - Moderate irritant	Rabbit	-	8 hours 60 microliters	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-
Ethylbenzene	Skin - Mild irritant	Rabbit	-	100 Percent	-
	Skin - Mild irritant	Rabbit	-	24 hours 15 milligrams	-

Skin : No additional information.

Eyes : No additional information.

Respiratory : No additional information.

Sensitization

Not available.

Skin : No additional information.

Respiratory : No additional information.

Mutagenicity

Not available.

Section 11. Toxicological information

Conclusion/Summary : No additional information.

Carcinogenicity

Not available.

Conclusion/Summary : No additional information.

Classification

Product/ingredient name	OSHA	IARC	NTP
Fuel oil, No 2	-	3	-
Naphthalene	-	2B	Reasonably anticipated to be a human carcinogen.
Cumene	-	2B	Reasonably anticipated to be a human carcinogen.
Xylene	-	3	-
Ethylbenzene	-	2B	-

Reproductive toxicity

Not available.

Conclusion/Summary : No additional information.

Teratogenicity

Not available.

Conclusion/Summary : No additional information.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Benzene, trimethyl-	Category 3	Not applicable.	Respiratory tract irritation and Narcotic effects
biphenyl	Category 3	Not applicable.	Respiratory tract irritation
Cumene	Category 3	Not applicable.	Respiratory tract irritation
Ethylbenzene	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Benzene, trimethyl-	Category 2	Not determined	central nervous system (CNS)
Xylene	Category 2	Not determined	hearing organs

Aspiration hazard

Name	Result
Nonane	ASPIRATION HAZARD - Category 1
Benzene, trimethyl-	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
Cumene	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Routes of entry anticipated: Dermal, Inhalation.

Potential acute health effects

Eye contact : Causes eye irritation.

Inhalation : Harmful if inhaled.

Skin contact : Causes skin irritation. Defatting to the skin.

Ingestion : Corrosive to the digestive tract. Causes burns. May be fatal if swallowed and enters airways.

Section 11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Repeated or prolonged overexposure to solvents can cause brain or other nervous system damage. The symptoms can include the loss of memory, the loss of intellectual capacity and the loss of coordination.
Skin contact	: Adverse symptoms may include the following: irritation redness dryness cracking
Ingestion	: Adverse symptoms may include the following: stomach pains nausea or vomiting

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Potential chronic health effects

Not available.

General	: May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Benzene, trimethyl-	Acute LC50 5600 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
Naphthalene	Acute EC50 1.6 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 2350 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 213 µg/l Fresh water	Fish - Melanotaenia fluviatilis - Larvae	96 hours
biphenyl	Chronic NOEC 0.5 mg/l Marine water	Crustaceans - Uca pugnax - Adult	3 weeks
	Chronic NOEC 1.5 mg/l Fresh water	Fish - Oreochromis mossambicus	60 days
	Acute LC50 360 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours

Section 12. Ecological information

Cumene	Acute LC50 1450 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Chronic NOEC 0.17 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC 0.229 mg/l Fresh water	Fish - Oncorhynchus mykiss	87 days
	Acute EC50 2600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
Xylene	Acute EC50 7400 µg/l Fresh water	Crustaceans - Artemia sp. - Nauplii	48 hours
	Acute EC50 10600 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 2700 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
	Acute EC50 90 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
Ethylbenzene	Acute LC50 8.5 ppm Marine water	Crustaceans - Palaemonetes pugio - Adult	48 hours
	Acute LC50 8500 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 15700 µg/l Fresh water	Fish - Lepomis macrochirus - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Acute LC50 19000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
	Acute LC50 13400 µg/l Fresh water	Fish - Pimephales promelas	96 hours
	Acute LC50 16940 µg/l Fresh water	Fish - Carassius auratus	96 hours
	Acute EC50 4600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 3600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute EC50 6530 µg/l Fresh water	Crustaceans - Artemia sp. - Nauplii	48 hours
	Acute EC50 2930 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 4200 µg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Conclusion/Summary : Not available.

Persistence and degradability

Conclusion/Summary : Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Fuel oil, No 2	>3.3	-	low
Benzene, trimethyl-	3.4 to 3.8	-	low
Naphthalene	3.4	36.5 to 168	low
biphenyl	4.008	1900	high
Cumene	3.55	35.48	low
Xylene	3.12	8.1 to 25.9	low
Ethylbenzene	3.6	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

RCRA classification

: D001, D018

Section 14. Transport information

	DOT Classification	IMDG	IATA
UN number	NA 1993	UN 1202	UN 1202
UN proper shipping name	Heating Oil, Light	Heating Oil, Light	Heating Oil, Light
Transport hazard class(es)	3 	3 	3 
Packing group	III	III	III
Environmental hazards	No.	No.	No.

Additional information

DOT Classification

: Packaging instruction

Passenger aircraft

Quantity limitation: 60 L

Packaging instructions: Y309

Cargo aircraft

Quantity limitation: 220 L

Packaging instructions: 310

Remarks

49 CFR 173.150 (f)(1) states that a flammable liquid with a flash point at or above 38°C (100°F) that does not meet the definition of any other hazard class may be reclassified as a combustible liquid. This provision does not apply to transportation by vessel or aircraft except where other means of transportation is impracticable.

TDG Classification

: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).

ADR/RID

: Tunnel code (D/E)

IATA

: Quantity limitation Cargo Aircraft Only: 220 L. Packaging instructions: 310. Limited Quantities - Passenger Aircraft: 60 L. Packaging instructions: 309Y.

Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 14. Transport information

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **United States inventory (TSCA 8b)**: All components are listed or exempted.
Clean Water Act (CWA) 307: naphthalene; ethylbenzene; toluene; benzene
Clean Water Act (CWA) 311: naphthalene; xylene; ethylbenzene; toluene; benzene
 This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

SARA 302/304

Composition/information on ingredients

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : FLAMMABLE LIQUIDS - Category 3
 ACUTE TOXICITY (inhalation) - Category 4
 SKIN IRRITATION - Category 2
 EYE IRRITATION - Category 2B
 CARCINOGENICITY - Category 2
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 2
 ASPIRATION HAZARD - Category 1
 HNOC - Corrosive to digestive tract
 HNOC - Static-accumulating flammable liquid

Composition/information on ingredients

Name	%	Classification
Fuel oil, No 2	>99	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2B CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 2 ASPIRATION HAZARD - Category 1 HNOC - Corrosive to digestive tract HNOC - Static-accumulating flammable liquid
Benzene, trimethyl-	1 - 5	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 2 ASPIRATION HAZARD - Category 1
Naphthalene	0.5 - 1.5	FLAMMABLE SOLIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 CARCINOGENICITY - Category 2
biphenyl	0.5 - 1.5	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

Section 15. Regulatory information

Cumene	0.5 - 1.5	(Respiratory tract irritation) - Category 3 FLAMMABLE LIQUIDS - Category 3 EYE IRRITATION - Category 2A CARCINOGENICITY (inhalation) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Xylene	0.5 - 1.5	ASPIRATION HAZARD - Category 1 FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (hearing organs) - Category 2
Ethylbenzene	0.5 - 1.5	FLAMMABLE LIQUIDS - Category 2 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A CARCINOGENICITY (inhalation) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 ASPIRATION HAZARD - Category 1

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	naphthalene	91-20-3	<1
	ethylbenzene	100-41-4	<1
Supplier notification	naphthalene	91-20-3	<1
	ethylbenzene	100-41-4	<1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

- Massachusetts** : The following components are listed: ethyltoluene; trimethylbenzene
- New York** : The following components are listed: Naphthalene; Cumene; Benzene, 1-methylethyl-; Ethylbenzene
- New Jersey** : The following components are listed: ETHYLTOLUENES; BENZENE, ETHYLMETHYL-; TRIMETHYL BENZENE (mixed isomers); BENZENE, TRIMETHYL-; NAPHTHALENE; MOTH FLAKES; cumene; ethylbenzene
- Pennsylvania** : The following components are listed: FUEL OIL

California Prop. 65 Clear and Reasonable Warnings (2018)

⚠ WARNING: This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including Naphthalene, Cumene, Ethylbenzene, which are known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name	%	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
naphthalene	<1	Yes.	No.	Yes.	-
cumene	<1	Yes.	No.	-	-
ethylbenzene	<1	Yes.	No.	Yes.	-
toluene	<0.1	No.	Yes.	-	Yes.
benzene	<0.1	Yes.	Yes.	Yes.	Yes.

International regulations

- WHMIS (Canada)** : Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-2A: Material causing other toxic effects (Very toxic).
Class D-2B: Material causing other toxic effects (Toxic).

Inventory list

Section 15. Regulatory information

United States	: All components are listed or exempted.
Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Europe	: All components are listed or exempted.
Japan	: Japan inventory (ENCS) : All components are listed or exempted. Japan inventory (ISHL) : Not determined.
Malaysia	: Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: All components are listed or exempted.
Republic of Korea	: All components are listed or exempted.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: All components are listed or exempted.
Viet Nam	: Not determined.

Section 16. Other information

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	Expert judgment
ACUTE TOXICITY (inhalation) - Category 4	Expert judgment
SKIN IRRITATION - Category 2	Expert judgment
EYE IRRITATION - Category 2B	Expert judgment
CARCINOGENICITY - Category 2	Expert judgment
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 2	Calculation method
ASPIRATION HAZARD - Category 1	Expert judgment
AQUATIC HAZARD (LONG-TERM) - Category 2	Expert judgment

History

Date of printing	: 3/20/2018
Date of issue/Date of revision	: 3/20/2018
Date of previous issue	: No previous validation
Version	: 1

Section 16. Other information

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

References

: Not available.

Indicates information that has changed from previously issued version.

Notice to reader

THE INFORMATION IN THIS SAFETY DATA SHEET (SDS) WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED REGARDING ITS CORRECTNESS OR ACCURACY. SOME INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE SUBSTANCE ITSELF. THIS SDS WAS PREPARED AND IS TO BE USED ONLY FOR THIS PRODUCT. IF THE PRODUCT IS USED AS A COMPONENT IN ANOTHER PRODUCT, THIS SDS INFORMATION MAY NOT BE APPLICABLE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE OR APPLICATION.

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Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 628551IL
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- Generator Name: Western Remac Inc.
- Site Address: I-74 Westbound @ Exit to East Washington St.
(City, State, ZIP) East Peoria IL 61611
- County: Tazewell
- Contact Name: Tom Konkol
- Email: t Konkol@westernremac.com
- Phone: (630) 724-7669 7. Fax: _____
- Generator EPA ID: _____ ☒ N/A
- State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

- Common Name: Clean Sand (FA-1 IDOT Specified) and HDPE Plastic
Describe Process(es) Generating Material: ☐ See Attached

Non-contaminated construction and demolition debris from a building, structure, or road. The debris must not be contaminated by a manufacturing process, chemical process, through facility operations or other processes. DOES NOT include
- Material Composition and Contaminants: ☐ See Attached

1. Construction Debris	80 %
2. HDPE	20 %
3.	
4.	
Total comp. must be equal to or greater than 100%	≥100%
- State Waste Codes: _____ ☒ N/A
- Color: Various
- Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: _____
- Free Liquid Range Percentage: _____ to _____ ☒ N/A
- pH: _____ to _____ ☒ N/A
- Strong Odor: ☐ Yes ☒ No Describe: _____
- Flash Point: ☐ <140°F ☐ 140°–199°F ☒ ≥200° ☒ N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- Analytical attached ☐ Yes
Please identify applicable samples and/or lab reports:
- 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.

- ☐ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Tom Konkol Date: 02/18/2021
Title: Project Manager
Company: Western Remac Inc.

THINK GREEN®**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE** Revised November 06, 2020 © 2020 WM Intellectual Property Holdings, L.L.C.**B. BILLING INFORMATION**☐ SAME AS GENERATOR

- Billing Name: Western Remac
- Billing Address: 1740 Internationale Pkwy
(City, State, ZIP) Woodridge IL 60517
- Contact Name: Tom Konkol
- Email: t Konkol@westernremac.com
- Phone: (630) 724-7669 6. Fax: _____
- WM Hauled? ☐ Yes ☒ No
- P.O. Number: _____
- Payment Method: ☐ Credit Account ☐ Cash ☒ Credit Card

D. REGULATORY INFORMATION

- EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
- State Hazardous Waste? ☐ Yes ☒ No
Code: _____
- Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
- Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
- From an industry regulated under Benzene NESHAP? ☐ Yes* ☒ No
- Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
- CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
- NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☒ No
***If Yes, see Addendum (page 2) for additional questions and space.**
- Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
 - Regulated by 40 CFR 761? ☐ Yes ☐ No
 - Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
 - Were PCB imported into the US? ☐ Yes ☐ No
- Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
- Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

F. SHIPPING AND DOT INFORMATION

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Quantity/Unit of Measure: 5
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
- Container Type and Size: _____
- USDOT Proper Shipping Name: _____ ☒ N/A

Certification Signature*Thomas Konkol*

6a50410091...



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™.

Profile Number: 628551L

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

lead-based painted debris, liquids, asbestos, fluorescent light bulbs, PCB light ballasts, 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)? → If Yes, complete question 4.

☐ 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:

☐ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))

☐ Waste contains VOCs that average <500 ppmw (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 → 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?

☐ Yes ☐ No

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

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

d. Is this waste soil from a remediation?

☐ Yes ☐ No

1. 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: _____



**Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION**

F. Additional Waste Stream Information

Profile Number: 628551IL

Generators Name: Highway Attenuator Crash Barrel Array - Damaged

Generators SITE Address: I-74 Westbound @ Exit to East Washington St. East Peoria IL 61611
(The location where the waste is generated)

Waste Name: Clean Sand (FA-1 IDOT Specified) and HDPE Plastic

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):

Material Specifications

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):

Product Documentation

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) Tom Konkol Title: Project Manager

Signature: Thomas Konkol Date: 02/18/2021



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 628605IL
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- Generator Name: County of Peoria
- Site Address: 2800 block of S Kickapoo Creek Rd
(City, State, ZIP) Bartonville IL 61605
- County: Peoria
- Contact Name: Matt Stockert
- Email: matts@environmentalops.com
- Phone: (618) 581-4544 7. Fax: _____
- Generator EPA ID: _____ ☒ N/A
- State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

- Common Name: Soil
Describe Process(es) Generating Material: ☐ See Attached
Roadway reconstruction and maintenance - COCs: VOCs, SVOCs, Metals
- Material Composition and Contaminants: ☐ See Attached

1. <u>Soil</u>	<u>100 %</u>
2.	
3.	
4.	

Total comp. must be equal to or greater than 100% ≥100%
- State Waste Codes: _____ ☒ N/A
- Color: brown
- Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: _____
- Free Liquid Range Percentage: _____ to _____ ☒ N/A
- pH: 8.01 to 8.27 ☐ N/A
- Strong Odor: ☐ Yes ☒ No Describe: _____
- Flash Point: ☐ <140°F ☐ 140°–199°F ☒ ≥200° ☐ N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

- Analytical attached ☒ Yes
Please identify applicable samples and/or lab reports:
SS-21203-1, SS-21203-2
- 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.

- ☒ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): Matt Stockert Date: 02/25/2021
Title: Project Manager
Company: Environmental Operations, Inc.

THINK GREEN®**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE** Revised November 06, 2020 © 2020 WM Intellectual Property Holdings, L.L.C.**B. BILLING INFORMATION**☐ SAME AS GENERATOR

- Billing Name: Plocher Construction Co, Inc
- Billing Address: 2808 Thole-Plocher Rd
(City, State, ZIP) Highland IL 62249
- Contact Name: Nick Kampwerth
- Email: nakampwerth@plocherco.com
- Phone: (618) 654-9408 6. Fax: _____
- WM Hauled? ☐ Yes ☒ No
- P.O. Number: _____
- Payment Method: ☐ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

- EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
- State Hazardous Waste? ☐ Yes ☒ No
Code: _____
- Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
- Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
- From an industry regulated under Benzene NESHAP? ☐ Yes* ☒ No
- Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
- CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
- NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☒ No
***If Yes, see Addendum (page 2) for additional questions and space.**
- Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
 - Regulated by 40 CFR 761? ☐ Yes ☐ No
 - Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
 - Were PCB imported into the US? ☐ Yes ☐ No
- Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
- Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

F. SHIPPING AND DOT INFORMATION

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Quantity/Unit of Measure: 725
☐ Tons ☒ Yards ☐ Drums ☐ Gallons ☐ Other: _____
- Container Type and Size: bulk
- USDOT Proper Shipping Name: ☒ N/A

Certification SignatureMatt Stockert

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**Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION**

F. Additional Waste Stream Information

Profile Number: 628605IL

Generators Name: County of Peoria

Generators SITE Address: 2800 block of S Kickapoo Creek Rd Bartonville IL 61605
(The location where the waste is generated)

Waste Name: Soil

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) Matt Stockert Title: Project Manager

Signature: Matt Stockert Date: 02/25/2021

February 18, 2021

Matt Stockert
Environmental Operations, Inc.
1530 South Second Street, Suite 200
St. Louis, MO 63104
TEL: (314) 480-4633
FAX: (314) 436-2900



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: IDOT LPA Kickapoo / 21203

WorkOrder: 21020438

Dear Matt Stockert:

TEKLAB, INC received 2 samples on 2/5/2021 4:06:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

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Client: Environmental Operations, Inc.**Work Order:** 21020438**Client Project:** IDOT LPA Kickapoo / 21203**Report Date:** 18-Feb-21**Abbr Definition**

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Client: Environmental Operations, Inc.

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Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

Cooler Receipt Temp: 3.2 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515

Phone (630) 324-6855

Fax

Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com

Client: Environmental Operations, Inc.**Work Order:** 21020438**Client Project:** IDOT LPA Kickapoo / 21203**Report Date:** 18-Feb-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2021	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2021	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2021	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2021	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

Lab ID: 21020438-001

Client Sample ID: SS-21203-1

Matrix: SOLID

Collection Date: 02/05/2021 12:02

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
ASTM D92								
Ignitability, Open Cup	*	60		>200	°F	1	02/10/2021 10:33	R287305
EPA SW846 3550C, 5035A, ASTM D2974								
Percent Moisture	*	0.1		14.1	%	1	02/10/2021 13:53	R287331
SW-846 9045C								
pH (1:1)	NELAP	1.00		8.27		1	02/09/2021 14:09	R287279
SW-846 9095								
Paint Filter	NELAP	0		Pass	Pass/Fail	1	02/10/2021 15:19	R287317
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		< 0.250	mg/L	1	02/10/2021 10:16	173729
Barium	NELAP	0.450		0.808	mg/L	1	02/10/2021 10:16	173729
Cadmium	NELAP	0.0200		< 0.0200	mg/L	1	02/10/2021 10:16	173729
Chromium	NELAP	0.100		< 0.100	mg/L	1	02/10/2021 10:16	173729
Lead	NELAP	0.400		< 0.400	mg/L	1	02/10/2021 10:16	173729
Selenium	NELAP	0.500		< 0.500	mg/L	1	02/10/2021 10:16	173729
Silver	NELAP	0.0700		< 0.0700	mg/L	1	02/17/2021 17:11	173908
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	02/11/2021 14:15	173730
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
2,4,6-Trichlorophenol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
2,4-Dinitrotoluene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
Cresols, Total	NELAP	0.200		ND	mg/L	1	02/10/2021 12:05	173731
Hexachlorobenzene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
Hexachlorobutadiene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
Hexachloroethane	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
m,p-Cresol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
Nitrobenzene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
o-Cresol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:05	173731
Pentachlorophenol	NELAP	0.200		ND	mg/L	1	02/10/2021 12:05	173731
Pyridine	NELAP	0.200		ND	mg/L	1	02/10/2021 12:05	173731
Surr: 2,4,6-Tribromophenol	*	51.9-130		90.6	%REC	1	02/10/2021 12:05	173731
Surr: 2-Fluorobiphenyl	*	47.8-111		87.0	%REC	1	02/10/2021 12:05	173731
Surr: 2-Fluorophenol	*	38.9-88.6		71.3	%REC	1	02/10/2021 12:05	173731
Surr: Nitrobenzene-d5	*	39.1-115		81.1	%REC	1	02/10/2021 12:05	173731
Surr: Phenol-d5	*	29-65.3		54.8	%REC	1	02/10/2021 12:05	173731
Surr: p-Terphenyl-d14	*	29.9-120		88.6	%REC	1	02/10/2021 12:05	173731
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Aroclor 1221	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Aroclor 1232	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Aroclor 1242	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Aroclor 1248	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Aroclor 1254	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Aroclor 1260	NELAP	43.2		ND	µg/Kg-dry	1	02/09/2021 0:00	173689
Surr: Decachlorobiphenyl	*	21.6-145		116.6	%REC	1	02/09/2021 0:00	173689
Surr: Tetrachloro-meta-xylene	*	19.8-124		82.3	%REC	1	02/09/2021 0:00	173689

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

Lab ID: 21020438-001

Client Sample ID: SS-21203-1

Matrix: SOLID

Collection Date: 02/05/2021 12:02

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
1,2-Dichloroethane	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
1,4-Dichlorobenzene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
2-Butanone	NELAP	1.00		ND	mg/L	100	02/10/2021 10:10	173797
Benzene	NELAP	0.050		ND	mg/L	100	02/10/2021 10:10	173797
Carbon tetrachloride	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
Chlorobenzene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
Chloroform	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
Tetrachloroethene	NELAP	0.050		ND	mg/L	100	02/10/2021 10:10	173797
Trichloroethene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
Vinyl chloride	NELAP	0.200		ND	mg/L	100	02/10/2021 10:10	173797
Surr: 1,2-Dichloroethane-d4	*	80-120		106.5	%REC	100	02/10/2021 10:10	173797
Surr: 4-Bromofluorobenzene	*	80-120		101.8	%REC	100	02/10/2021 10:10	173797
Surr: Dibromofluoromethane	*	80-120		99.1	%REC	100	02/10/2021 10:10	173797
Surr: Toluene-d8	*	80-120		100.5	%REC	100	02/10/2021 10:10	173797

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

Lab ID: 21020438-002

Client Sample ID: SS-21203-2

Matrix: SOLID

Collection Date: 02/05/2021 12:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
ASTM D92								
Ignitability, Open Cup	*	60		>200	°F	1	02/10/2021 12:10	R287305
EPA SW846 3550C, 5035A, ASTM D2974								
Percent Moisture	*	0.1		23.3	%	1	02/10/2021 13:54	R287331
SW-846 9045C								
pH (1:1)	NELAP	1.00		8.01		1	02/09/2021 14:17	R287279
SW-846 9095								
Paint Filter	NELAP	0		Pass	Pass/Fail	1	02/10/2021 15:27	R287317
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		< 0.250	mg/L	1	02/10/2021 10:27	173729
Barium	NELAP	0.450		0.681	mg/L	1	02/10/2021 10:27	173729
Cadmium	NELAP	0.0200		< 0.0200	mg/L	1	02/10/2021 10:27	173729
Chromium	NELAP	0.100		< 0.100	mg/L	1	02/10/2021 10:27	173729
Lead	NELAP	0.400		< 0.400	mg/L	1	02/10/2021 10:27	173729
Selenium	NELAP	0.500		< 0.500	mg/L	1	02/10/2021 10:27	173729
Silver	NELAP	0.0700		< 0.0700	mg/L	1	02/10/2021 10:27	173729
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	02/11/2021 14:22	173730
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
2,4,6-Trichlorophenol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
2,4-Dinitrotoluene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
Cresols, Total	NELAP	0.200		ND	mg/L	1	02/10/2021 12:43	173731
Hexachlorobenzene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
Hexachlorobutadiene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
Hexachloroethane	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
m,p-Cresol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
Nitrobenzene	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
o-Cresol	NELAP	0.100		ND	mg/L	1	02/10/2021 12:43	173731
Pentachlorophenol	NELAP	0.200		ND	mg/L	1	02/10/2021 12:43	173731
Pyridine	NELAP	0.200		ND	mg/L	1	02/10/2021 12:43	173731
Surr: 2,4,6-Tribromophenol	*	51.9-130		90.0	%REC	1	02/10/2021 12:43	173731
Surr: 2-Fluorobiphenyl	*	47.8-111		85.5	%REC	1	02/10/2021 12:43	173731
Surr: 2-Fluorophenol	*	38.9-88.6		58.0	%REC	1	02/10/2021 12:43	173731
Surr: Nitrobenzene-d5	*	39.1-115		78.2	%REC	1	02/10/2021 12:43	173731
Surr: Phenol-d5	*	29-65.3		46.6	%REC	1	02/10/2021 12:43	173731
Surr: p-Terphenyl-d14	*	29.9-120		61.8	%REC	1	02/10/2021 12:43	173731
SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Aroclor 1221	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Aroclor 1232	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Aroclor 1242	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Aroclor 1248	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Aroclor 1254	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Aroclor 1260	NELAP	48.2		ND	µg/Kg-dry	1	02/09/2021 0:17	173689
Surr: Decachlorobiphenyl	*	21.6-145		64.0	%REC	1	02/09/2021 0:17	173689
Surr: Tetrachloro-meta-xylene	*	19.8-124		74.9	%REC	1	02/09/2021 0:17	173689

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

Lab ID: 21020438-002

Client Sample ID: SS-21203-2

Matrix: SOLID

Collection Date: 02/05/2021 12:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
1,2-Dichloroethane	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
1,4-Dichlorobenzene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
2-Butanone	NELAP	1.00		ND	mg/L	100	02/10/2021 10:36	173797
Benzene	NELAP	0.050		ND	mg/L	100	02/10/2021 10:36	173797
Carbon tetrachloride	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
Chlorobenzene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
Chloroform	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
Tetrachloroethene	NELAP	0.050		ND	mg/L	100	02/10/2021 10:36	173797
Trichloroethene	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
Vinyl chloride	NELAP	0.200		ND	mg/L	100	02/10/2021 10:36	173797
Surr: 1,2-Dichloroethane-d4	*	80-120		106.1	%REC	100	02/10/2021 10:36	173797
Surr: 4-Bromofluorobenzene	*	80-120		101.9	%REC	100	02/10/2021 10:36	173797
Surr: Dibromofluoromethane	*	80-120		99.2	%REC	100	02/10/2021 10:36	173797
Surr: Toluene-d8	*	80-120		100.4	%REC	100	02/10/2021 10:36	173797



Quality Control Results

<http://www.teklabinc.com/>

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

ASTM D92

Batch R287305		SampType: DUP		Units °F		RPD Limit 5					
SampID: 21020438-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Ignitability, Open Cup	*	60		>200				0	0.00	02/10/2021	

EPA SW846 3550C, 5035A, ASTM D2974

Batch R287331		SampType: LCS		Units %							
SampID: LCS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	02/10/2021	

Batch R287331		SampType: LCSQC		Units %							
SampID: LCSQC										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Percent Moisture	*	0.1		99.0	99.00	0	100.0	90	110	02/10/2021	

SW-846 9045C

Batch R287279		SampType: LCS		Units							
SampID: LCS-R287279										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH (1:1)		1.00		7.00	7.000	0	100.0	99.1	100.8	02/09/2021	

Batch R287279		SampType: DUP		Units		RPD Limit 10					
SampID: 21020438-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
pH (1:1)		1.00		8.30				8.270	0.36	02/09/2021	

Batch R287279		SampType: DUP		Units		RPD Limit 10					
SampID: 21020438-002ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
pH (1:1)		1.00		8.05				8.010	0.50	02/09/2021	

Batch R287279		SampType: DUP		Units		RPD Limit 10					
SampID: 21020485-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
pH (1:1)		1.00		7.95				8.070	1.50	02/09/2021	



Quality Control Results

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Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 9095

Batch R287317		SampType: DUP		Units		Pass/Fail		RPD Limit 0			Date Analyzed
SampID: 21020438-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Paint Filter		0		Pass				0	0.00		

Batch R287317		SampType: DUP		Units		Pass/Fail		RPD Limit 0			
SampID: 21020438-002ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Paint Filter		0		Pass				0	0.00	02/10/2021	

Batch R287317		SampType: DUP		Units		Pass/Fail		RPD Limit 0			Date Analyzed
SampID: 21020361-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Paint Filter		0		Pass				0	0.00		

SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP

Batch 173729		SampType: MBLK		Units mg/L							
SampID: MBLK-173729											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic		0.250		< 0.250	0.0870	0	0	-100	100	02/10/2021	
Barium		0.450		< 0.450	0.1500	0	0	-100	100	02/10/2021	
Cadmium		0.0200		< 0.0200	0.0050	0	0	-100	100	02/10/2021	
Chromium		0.100		< 0.100	0.0340	0	0	-100	100	02/10/2021	
Lead		0.400		< 0.400	0.0400	0	0	-100	100	02/10/2021	
Selenium		0.500		< 0.500	0.1700	0	0	-100	100	02/10/2021	
Silver		0.0700		< 0.0700	0.0270	0	0	-100	100	02/10/2021	

Batch 173729		SampType: LCS		Units mg/L						
SampID: LCS-173729										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.250		5.33	5.000	0	106.6	85	115	02/10/2021
Barium		0.450		20.7	20.00	0	103.4	85	115	02/10/2021
Cadmium		0.0200		0.492	0.5000	0	98.4	85	115	02/10/2021
Chromium		0.100		1.98	2.000	0	98.9	85	115	02/10/2021
Lead		0.400		4.97	5.000	0	99.4	85	115	02/10/2021
Selenium		0.500		4.98	5.000	0	99.6	85	115	02/10/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP

Batch 173729		SampType: MS		Units mg/L						
SampID: 21020438-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		0.250		5.35	5.000	0	106.9	75	125	02/10/2021
Barium		0.450		21.6	20.00	0.8080	103.9	75	125	02/10/2021
Cadmium		0.0200		0.504	0.5000	0.01000	98.8	75	125	02/10/2021
Chromium		0.100		1.99	2.000	0	99.5	75	125	02/10/2021
Lead		0.400		4.99	5.000	0	99.8	75	125	02/10/2021
Selenium		0.500		5.13	5.000	0	102.5	75	125	02/10/2021

Batch 173729		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 21020438-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic		0.250		5.46	5.000	0	109.1	5.347	2.02		
Barium		0.450		21.9	20.00	0.8080	105.6	21.59	1.56		
Cadmium		0.0200		0.513	0.5000	0.01000	100.6	0.5040	1.77		
Chromium		0.100		2.03	2.000	0	101.3	1.990	1.79		
Lead		0.400		5.09	5.000	0	101.7	4.989	1.91		
Selenium		0.500		5.17	5.000	0	103.5	5.126	0.93		

Batch 173908		SampType: MBLK		Units mg/L							
SampID: MBLK-173908											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Silver		0.0700		< 0.0700	0.0270	0	0	-100	100	02/17/2021	

Batch 173908		SampType: LCS		Units mg/L							
SampID: LCS-173908											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Silver		0.0700		0.515	0.5000	0	103.0	85	115	02/17/2021	

Batch 173908		SampType: MS		Units mg/L							
SampID: 21020438-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Silver		0.0700		0.504	0.5000	0	100.8	75	125	02/17/2021	

Batch 173908		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 21020438-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Silver			0.0700		0.500	0.5000	0	100.0	0.5040	0.80	02/17/2021



Quality Control Results

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Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 7470A IN TCLP EXTRACT

Batch 173730 SampType: MBLK Units mg/L

SampID: MBLK-173730

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		< 0.00020	0.0001	0	0	-100	100	02/11/2021

Batch 173730 SampType: LCS Units mg/L

SampID: LCS-173730

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00499	0.0050	0	99.8	85	115	02/11/2021

Batch 173730 SampType: MS Units mg/L

SampID: 21020438-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00493	0.0050	0	98.7	75	125	02/11/2021

Batch 173730 SampType: MSD Units mg/L

RPD Limit 15

SampID: 21020438-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		0.00483	0.0050	0	96.6	0.004934	2.17	02/11/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS
Batch 173731 **SampType:** MBLK **Units** mg/L

SampleID: MBLK-173731

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,4,5-Trichlorophenol		0.010		ND						02/10/2021
2,4,6-Trichlorophenol		0.008		ND						02/10/2021
2,4,6-Trichlorophenol		0.010		ND						02/10/2021
2,4-Dinitrotoluene		0.010		ND						02/10/2021
2,4-Dinitrotoluene		0.017		ND						02/10/2021
Hexachlorobenzene		0.010		ND						02/10/2021
Hexachlorobenzene		0.006		ND						02/10/2021
Hexachlorobutadiene		0.003		ND						02/10/2021
Hexachlorobutadiene		0.010		ND						02/10/2021
Hexachloroethane		0.005		ND						02/10/2021
Hexachloroethane		0.010		ND						02/10/2021
m,p-Cresol		0.010		ND						02/10/2021
m,p-Cresol	*	0.010		ND						02/10/2021
Nitrobenzene		0.010		ND						02/10/2021
Nitrobenzene		0.006		ND						02/10/2021
o-Cresol	*	0.010		ND						02/10/2021
o-Cresol		0.010		ND						02/10/2021
Pentachlorophenol		0.020		ND						02/10/2021
Pentachlorophenol		0.011		ND						02/10/2021
Pyridine		0.020		ND						02/10/2021
Pyridine	*	0.020		ND						02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.044	0.0500		88.0	53.5	126	02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.044	0.0500		88.0	53.5	126	02/10/2021
Surr: 2-Fluorobiphenyl	*			0.022	0.0250		86.4	49.4	110	02/10/2021
Surr: 2-Fluorobiphenyl	*			0.022	0.0250		86.4	49.4	110	02/10/2021
Surr: 2-Fluorophenol	*			0.032	0.0500		64.9	40	87.7	02/10/2021
Surr: 2-Fluorophenol	*			0.032	0.0500		64.9	40	87.7	02/10/2021
Surr: Nitrobenzene-d5	*			0.020	0.0250		80.3	44.7	115	02/10/2021
Surr: Nitrobenzene-d5	*			0.020	0.0250		80.3	15	314	02/10/2021
Surr: Phenol-d5	*			0.024	0.0500		47.4	8	424	02/10/2021
Surr: Phenol-d5	*			0.024	0.0500		47.4	27.6	66.3	02/10/2021
Surr: p-Terphenyl-d14	*			0.025	0.0250		100.2	10.5	141	02/10/2021
Surr: p-Terphenyl-d14	*			0.025	0.0250		100.2	10.5	141	02/10/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS

Batch 173731		SampType: LCS		Units mg/L							Date Analyzed	
SampID: LCS-173731												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
2,4,5-Trichlorophenol		0.010		0.042	0.0500	0	84.0	51	129			
2,4,6-Trichlorophenol		0.010		0.042	0.0500	0	83.5	48.5	124			
2,4,6-Trichlorophenol		0.008		0.042	0.0500	0	83.5	52	129			
2,4-Dinitrotoluene		0.017		0.042	0.0500	0	83.3	48	127			
2,4-Dinitrotoluene		0.010		0.042	0.0500	0	83.3	65.3	114			
Hexachlorobenzene		0.006		0.044	0.0500	0	88.9	8	142			
Hexachlorobenzene		0.010		0.044	0.0500	0	88.9	55.5	121			
Hexachlorobutadiene		0.003		0.044	0.0500	0	88.0	38	120			
Hexachlorobutadiene		0.010		0.044	0.0500	0	88.0	47	115			
Hexachloroethane		0.005		0.041	0.0500	0	81.4	55	120			
Hexachloroethane		0.010		0.041	0.0500	0	81.4	50.4	103			
m,p-Cresol	*	0.010		0.035	0.0500	0	70.8	50.2	95.9			
m,p-Cresol		0.010		0.035	0.0500	0	70.8	49.4	97.9			
Nitrobenzene		0.010		0.040	0.0500	0	80.1	53.9	107			
Nitrobenzene		0.006		0.040	0.0500	0	80.1	54	158			
o-Cresol		0.010		0.038	0.0500	0	77.0	50.5	106			
o-Cresol	*	0.010		0.038	0.0500	0	77.0	33.7	119			
Pentachlorophenol		0.020		0.040	0.0500	0	80.5	37.7	111			
Pentachlorophenol		0.011		0.040	0.0500	0	80.5	38	152			
Pyridine		0.020		0.028	0.0500	0	55.5	18.2	86.2			
Pyridine	*	0.020		0.028	0.0500	0	55.5	19.9	83.4			
Surr: 2,4,6-Tribromophenol	*			0.042	0.0500		83.8	53.5	126			
Surr: 2,4,6-Tribromophenol	*			0.042	0.0500		83.8	53.5	126			
Surr: 2-Fluorobiphenyl	*			0.020	0.0250		81.0	49.4	110			
Surr: 2-Fluorobiphenyl	*			0.020	0.0250		81.0	49.4	110			
Surr: 2-Fluorophenol	*			0.029	0.0500		58.3	40	87.7			
Surr: 2-Fluorophenol	*			0.029	0.0500		58.3	40	87.7			
Surr: Nitrobenzene-d5	*			0.023	0.0250		91.9	44.7	115			
Surr: Nitrobenzene-d5	*			0.023	0.0250		91.9	15	314			
Surr: Phenol-d5	*			0.022	0.0500		44.8	27.6	66.3			
Surr: Phenol-d5	*			0.022	0.0500		44.8	8	424			
Surr: p-Terphenyl-d14	*			0.021	0.0250		85.2	10.5	141			
Surr: p-Terphenyl-d14	*			0.021	0.0250		85.2	10.5	141			

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS

Batch 173731		SampType: LCSD		Units mg/L			RPD Limit 40			
SampleID: LCSD-173731										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2,4,5-Trichlorophenol		0.010		0.041	0.0500	0	82.7	0.04200	1.56	02/10/2021
2,4,6-Trichlorophenol		0.010		0.040	0.0500	0	79.8	0.04175	4.48	02/10/2021
2,4,6-Trichlorophenol		0.008		0.040	0.0500	0	79.8	0.04175	4.48	02/10/2021
2,4-Dinitrotoluene		0.010		0.040	0.0500	0	80.9	0.04164	2.95	02/10/2021
2,4-Dinitrotoluene		0.017		0.040	0.0500	0	80.9	0.04164	2.95	02/10/2021
Hexachlorobenzene		0.010		0.045	0.0500	0	90.1	0.04444	1.41	02/10/2021
Hexachlorobenzene		0.006		0.045	0.0500	0	90.1	0.04444	1.41	02/10/2021
Hexachlorobutadiene		0.010		0.042	0.0500	0	84.8	0.04398	3.66	02/10/2021
Hexachlorobutadiene		0.003		0.042	0.0500	0	84.8	0.04398	3.66	02/10/2021
Hexachloroethane		0.010		0.042	0.0500	0	84.9	0.04069	4.21	02/10/2021
Hexachloroethane		0.005		0.042	0.0500	0	84.9	0.04069	4.21	02/10/2021
m,p-Cresol		0.010		0.037	0.0500	0	74.8	0.03540	5.52	02/10/2021
m,p-Cresol	*	0.010		0.037	0.0500	0	74.8	0.03540	5.52	02/10/2021
Nitrobenzene		0.010		0.039	0.0500	0	78.6	0.04007	1.99	02/10/2021
Nitrobenzene		0.006		0.039	0.0500	0	78.6	0.04007	1.99	02/10/2021
o-Cresol	*	0.010		0.039	0.0500	0	78.7	0.03849	0.00	02/10/2021
o-Cresol		0.010		0.039	0.0500	0	78.7	0.03849	2.16	02/10/2021
Pentachlorophenol		0.011		0.042	0.0500	0	83.4	0.04024	3.52	02/10/2021
Pentachlorophenol		0.020		0.042	0.0500	0	83.4	0.04024	3.52	02/10/2021
Pyridine	*	0.020		0.028	0.0500	0	56.1	0.02777	0.93	02/10/2021
Pyridine		0.020		0.028	0.0500	0	56.1	0.02777	0.93	02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.041	0.0500		82.3			02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.041	0.0500		82.3			02/10/2021
Surr: 2-Fluorobiphenyl	*			0.018	0.0250		73.8			02/10/2021
Surr: 2-Fluorobiphenyl	*			0.018	0.0250		73.8			02/10/2021
Surr: 2-Fluorophenol	*			0.029	0.0500		58.8			02/10/2021
Surr: 2-Fluorophenol	*			0.029	0.0500		58.8			02/10/2021
Surr: Nitrobenzene-d5	*			0.022	0.0250		87.0			02/10/2021
Surr: Nitrobenzene-d5	*			0.022	0.0250		87.0			02/10/2021
Surr: Phenol-d5	*			0.022	0.0500		44.9			02/10/2021
Surr: Phenol-d5	*			0.022	0.0500		44.9			02/10/2021
Surr: p-Terphenyl-d14	*			0.022	0.0250		88.0			02/10/2021
Surr: p-Terphenyl-d14	*			0.022	0.0250		88.0			02/10/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS

Batch 173731 **SampType:** MS **Units** mg/L

SampleID: 21020438-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,4,5-Trichlorophenol		0.100		0.405	0.5000	0	80.9	48.8	135	02/10/2021
2,4,6-Trichlorophenol		0.100		0.433	0.5000	0	86.6	49.1	133	02/10/2021
2,4-Dinitrotoluene		0.100		0.431	0.5000	0	86.2	57.2	125	02/10/2021
Hexachlorobenzene		0.100		0.462	0.5000	0	92.4	53.3	118	02/10/2021
Hexachlorobutadiene		0.100		0.438	0.5000	0	87.7	36.1	121	02/10/2021
Hexachloroethane		0.100		0.418	0.5000	0	83.5	39.9	102	02/10/2021
m,p-Cresol		0.100		0.382	0.5000	0	76.5	47.1	101	02/10/2021
Nitrobenzene		0.100		0.443	0.5000	0	88.5	48.5	108	02/10/2021
o-Cresol		0.100		0.400	0.5000	0	80.0	45.8	106	02/10/2021
Pentachlorophenol		0.200		0.412	0.5000	0	82.4	33.1	125	02/10/2021
Pyridine		0.200		0.286	0.5000	0	57.2	23.2	79.4	02/10/2021
Cresols, Total		0.200		0.783	1.000	0	78.3	45.8	104	02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.426	0.5000		85.2	51.9	130	02/10/2021
Surr: 2-Fluorobiphenyl	*			0.204	0.2500		81.8	47.8	111	02/10/2021
Surr: 2-Fluorophenol	*			0.305	0.5000		61.0	38.9	88.6	02/10/2021
Surr: Nitrobenzene-d5	*			0.239	0.2500		95.6	39.1	115	02/10/2021
Surr: Phenol-d5	*			0.233	0.5000		46.6	29	65.3	02/10/2021
Surr: p-Terphenyl-d14	*			0.183	0.2500		73.1	29.9	120	02/10/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS

Batch 173731		SampType: MSD		Units mg/L				RPD Limit 40		
SampleID: 21020438-002AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2,4,5-Trichlorophenol		0.100		0.412	0.5000	0	82.4	0.4046	1.81	02/10/2021
2,4,6-Trichlorophenol		0.100		0.438	0.5000	0	87.6	0.4330	1.13	02/10/2021
2,4-Dinitrotoluene		0.100		0.457	0.5000	0	91.4	0.4312	5.77	02/10/2021
Hexachlorobenzene		0.100		0.490	0.5000	0	98.1	0.4619	6.01	02/10/2021
Hexachlorobutadiene		0.100		0.430	0.5000	0	86.1	0.4385	1.89	02/10/2021
Hexachloroethane		0.100		0.422	0.5000	0	84.5	0.4176	1.14	02/10/2021
m,p-Cresol		0.100		0.404	0.5000	0	80.9	0.3824	5.57	02/10/2021
Nitrobenzene		0.100		0.448	0.5000	0	89.7	0.4426	1.28	02/10/2021
o-Cresol		0.100		0.428	0.5000	0	85.5	0.4002	6.64	02/10/2021
Pentachlorophenol		0.200		0.447	0.5000	0	89.4	0.4118	8.20	02/10/2021
Pyridine		0.200		0.316	0.5000	0	63.3	0.2861	10.06	02/10/2021
Cresols, Total		0.200		0.832	1.000	0	83.2	0.7826	6.12	02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.455	0.5000		91.0			02/10/2021
Surr: 2-Fluorobiphenyl	*			0.198	0.2500		79.1			02/10/2021
Surr: 2-Fluorophenol	*			0.314	0.5000		62.8			02/10/2021
Surr: Nitrobenzene-d5	*			0.238	0.2500		95.1			02/10/2021
Surr: Phenol-d5	*			0.242	0.5000		48.4			02/10/2021
Surr: p-Terphenyl-d14	*			0.203	0.2500		81.2			02/10/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS

Batch 173731		SampType: MS		Units mg/L						
SampID: 21020498-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,4,6-Trichlorophenol		0.008		0.043	0.0500	0	85.6	37	144	02/10/2021
2,4-Dinitrotoluene		0.017		0.044	0.0500	0	87.0	39	139	02/10/2021
Hexachlorobenzene		0.006		0.045	0.0500	0	89.7	1	152	02/10/2021
Hexachlorobutadiene		0.003		0.042	0.0500	0	84.3	24	120	02/10/2021
Hexachloroethane		0.005		0.044	0.0500	0	88.3	40	120	02/10/2021
m,p-Cresol	*	0.010	S	ND	0.0500	0	14.5	37.6	93.7	02/10/2021
Nitrobenzene		0.006		0.046	0.0500	0	91.2	35	180	02/10/2021
o-Cresol	*	0.010	S	ND	0.0500	0	0	43	101	02/10/2021
Pentachlorophenol		0.011		0.043	0.0500	0	85.1	14	176	02/10/2021
Pyridine	*	0.020		0.025	0.0500	0	49.6	3.61	74.3	02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.043	0.0500		85.9	28.4	122	02/10/2021
Surr: 2-Fluorobiphenyl	*			0.020	0.0250		80.3	36.3	102	02/10/2021
Surr: 2-Fluorophenol	*			0.030	0.0500		60.1	12.3	72.5	02/10/2021
Surr: Nitrobenzene-d5	*			0.025	0.0250		100.7	15	314	02/10/2021
Surr: Phenol-d5	*		S	0.002	0.0500		3.4	8	424	02/10/2021
Surr: p-Terphenyl-d14	*			0.019	0.0250		74.7	10	112	02/10/2021

Batch 173731	SampType: MSD	Units mg/L				RPD Limit 58				
SampID: 21020498-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2,4,6-Trichlorophenol		0.008		0.044	0.0500	0	88.1	0.04280	2.92	02/10/2021
2,4-Dinitrotoluene		0.017		0.044	0.0500	0	88.1	0.04351	1.28	02/10/2021
Hexachlorobenzene		0.006		0.041	0.0500	0	82.3	0.04483	8.54	02/10/2021
Hexachlorobutadiene		0.003		0.042	0.0500	0	84.8	0.04215	0.61	02/10/2021
Hexachloroethane		0.005		0.042	0.0500	0	83.0	0.04415	6.19	02/10/2021
m,p-Cresol	*	0.010	S	ND	0.0500	0	15.6	0.007260	0.00	02/10/2021
Nitrobenzene		0.006		0.040	0.0500	0	80.2	0.04559	12.79	02/10/2021
o-Cresol	*	0.010	S	ND	0.0500	0	0	0	0.00	02/10/2021
Pentachlorophenol		0.011		0.043	0.0500	0	85.2	0.04257	0.05	02/10/2021
Pyridine	*	0.020		0.024	0.0500	0	47.6	0.02480	4.03	02/10/2021
Surr: 2,4,6-Tribromophenol	*			0.046	0.0500		92.8			02/10/2021
Surr: 2-Fluorobiphenyl	*			0.020	0.0250		80.7			02/10/2021
Surr: 2-Fluorophenol	*			0.029	0.0500		58.1			02/10/2021
Surr: Nitrobenzene-d5	*			0.023	0.0250		92.1			02/10/2021
Surr: Phenol-d5	*		S	0.002	0.0500		4.5			02/10/2021
Surr: p-Terphenyl-d14	*			0.015	0.0250		58.5			02/10/2021

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD

Batch 173689		SampType: MBLK		Units µg/Kg						
SampID: MBLK-173689										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		37.5		ND						02/08/2021
Aroclor 1221		37.5		ND						02/08/2021
Aroclor 1232		37.5		ND						02/08/2021
Aroclor 1242		37.5		ND						02/08/2021
Aroclor 1248		37.5		ND						02/08/2021
Aroclor 1254		37.5		ND						02/08/2021
Aroclor 1260		37.5		ND						02/08/2021
Surr: Decachlorobiphenyl	*			10.5	8.300		126.9	60	143	02/08/2021
Surr: Tetrachloro-meta-xylene	*			8.3	8.300		99.6	32.9	125	02/08/2021

Batch 173689		SampType: LCS		Units µg/Kg							
SampID: LCSPCB-173689											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016		37.5		174	166.7	0	104.6	66.2	120	02/08/2021	
Aroclor 1260		37.5		186	166.7	0	111.6	70.9	129	02/08/2021	
Surr: Decachlorobiphenyl	*			10.5	8.300		126.8	60	143	02/08/2021	
Surr: Tetrachloro-meta-xylene	*			8.2	8.300		98.3	32.9	125	02/08/2021	

Batch 173689		SampType: MS		Units µg/Kg-dry						
SampID: 21020305-005AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aroclor 1016		46.1		179	205.0	0	87.3	37.6	121	02/08/2021
Aroclor 1260		46.1		185	205.0	0	90.3	52.5	135	02/08/2021
Surr: Decachlorobiphenyl	*			11.6	10.21		113.4	21.6	145	02/08/2021
Surr: Tetrachloro-meta-xylene	*			9.5	10.21		93.3	19.8	124	02/08/2021

Batch	173689	SampType:	MSD	Units µg/Kg-dry						RPD Limit 40	
SampID: 21020305-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aroclor 1016			46.2		186	205.3	0	90.5	179.0	3.74	02/08/2021
Aroclor 1260			46.2		196	205.3	0	95.5	185.0	5.79	02/08/2021
Surr: Decachlorobiphenyl		*			12.0	10.22		117.1			02/08/2021
Surr: Tetrachloro-meta-xylene		*			9.7	10.22		95.4			02/08/2021



Quality Control Results

<http://www.teklabinc.com/>

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS

Batch 173797		SampType: MBLK		Units µg/L							
SampID: MBLK-AK210210A-1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1-Dichloroethene	*	2.0		ND						02/10/2021	
1,2-Dichloroethane	*	2.0		ND						02/10/2021	
1,4-Dichlorobenzene	*	2.0		ND						02/10/2021	
2-Butanone	*	10.0		ND						02/10/2021	
Benzene	*	0.5		ND						02/10/2021	
Carbon tetrachloride	*	2.0		ND						02/10/2021	
Chlorobenzene	*	2.0		ND						02/10/2021	
Chloroform	*	2.0		ND						02/10/2021	
Tetrachloroethene	*	0.5		ND						02/10/2021	
Trichloroethene	*	2.0		ND						02/10/2021	
Vinyl chloride	*	2.0		ND						02/10/2021	
Surr: 1,2-Dichloroethane-d4	*			52.8	50.00		105.6	80	120	02/10/2021	
Surr: 4-Bromofluorobenzene	*			51.0	50.00		102.0	80	120	02/10/2021	
Surr: Dibromofluoromethane	*			49.5	50.00		99.1	80	120	02/10/2021	
Surr: Toluene-d8	*			50.3	50.00		100.6	80	120	02/10/2021	

Batch 173797		SampType: LCS		Units µg/L							
SampID: LCS-AK210210A-1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1-Dichloroethene	*	2.0		48.2	50.00	0	96.3	69.4	127	02/10/2021	
1,2-Dichloroethane	*	2.0		47.8	50.00	0	95.5	72.3	117	02/10/2021	
1,4-Dichlorobenzene	*	2.0		45.5	50.00	0	91.0	73.9	112	02/10/2021	
2-Butanone	*	10.0		119	125.0	0	95.1	68.8	134	02/10/2021	
Benzene	*	0.5		45.3	50.00	0	90.6	78.5	119	02/10/2021	
Carbon tetrachloride	*	2.0		45.3	50.00	0	90.5	70.9	127	02/10/2021	
Chlorobenzene	*	2.0		46.3	50.00	0	92.6	80	111	02/10/2021	
Chloroform	*	2.0		47.4	50.00	0	94.7	76.2	120	02/10/2021	
Tetrachloroethene	*	0.5		45.0	50.00	0	90.0	70.1	120	02/10/2021	
Trichloroethene	*	2.0		45.6	50.00	0	91.3	76.2	121	02/10/2021	
Vinyl chloride	*	2.0		52.4	50.00	0	104.7	58.6	141	02/10/2021	
Surr: 1,2-Dichloroethane-d4	*			51.8	50.00		103.5	80	120	02/10/2021	
Surr: 4-Bromofluorobenzene	*			49.7	50.00		99.5	80	120	02/10/2021	
Surr: Dibromofluoromethane	*			49.9	50.00		99.8	80	120	02/10/2021	
Surr: Toluene-d8	*			50.2	50.00		100.3	80	120	02/10/2021	

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS

Batch 173797		SampType: LCSD		Units µg/L				RPD Limit 30.5			Date Analyzed
SampID: LCSD-AK210210A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,1-Dichloroethene	*	2.0		44.7	50.00	0	89.4	48.16	7.47	02/10/2021	
1,2-Dichloroethane	*	2.0		48.2	50.00	0	96.3	47.76	0.81	02/10/2021	
1,4-Dichlorobenzene	*	2.0		44.9	50.00	0	89.8	45.50	1.28	02/10/2021	
2-Butanone	*	10.0		126	125.0	0	100.7	118.8	5.71	02/10/2021	
Benzene	*	0.5		43.6	50.00	0	87.2	45.29	3.76	02/10/2021	
Carbon tetrachloride	*	2.0		41.8	50.00	0	83.7	45.26	7.83	02/10/2021	
Chlorobenzene	*	2.0		45.5	50.00	0	90.9	46.32	1.87	02/10/2021	
Chloroform	*	2.0		46.1	50.00	0	92.2	47.36	2.70	02/10/2021	
Tetrachloroethene	*	0.5		42.1	50.00	0	84.3	44.99	6.54	02/10/2021	
Trichloroethene	*	2.0		43.3	50.00	0	86.6	45.64	5.31	02/10/2021	
Vinyl chloride	*	2.0		47.7	50.00	0	95.5	52.35	9.21	02/10/2021	
Surr: 1,2-Dichloroethane-d4	*			51.4	50.00		102.8			02/10/2021	
Surr: 4-Bromofluorobenzene	*			49.7	50.00		99.4			02/10/2021	
Surr: Dibromofluoromethane	*			50.0	50.00		100.0			02/10/2021	
Surr: Toluene-d8	*			50.3	50.00		100.6			02/10/2021	

Batch 173797		SampType: MS		Units mg/L							Date Analyzed
SampID: 21020361-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1-Dichloroethene		0.200	H	4.98	5.000	0	99.7	69.3	133	02/10/2021	
1,2-Dichloroethane		0.200	H	5.27	5.000	0	105.4	79	117	02/10/2021	
1,4-Dichlorobenzene		0.200	H	4.94	5.000	0	98.8	78.3	109	02/10/2021	
2-Butanone		1.00	H	6.11	5.000	0.7180	107.9	71.6	129	02/10/2021	
Benzene		0.050	H	4.96	5.000	0	99.3	78.9	118	02/10/2021	
Carbon tetrachloride		0.200	H	4.92	5.000	0	98.4	78.6	125	02/10/2021	
Chlorobenzene		0.200	H	5.14	5.000	0	102.8	84.7	110	02/10/2021	
Chloroform		0.200	H	5.18	5.000	0	103.6	80.9	117	02/10/2021	
Tetrachloroethene		0.050	H	4.66	5.000	0	93.3	75.2	112	02/10/2021	
Trichloroethene		0.200	H	5.02	5.000	0	100.3	80.4	121	02/10/2021	
Vinyl chloride		0.200	H	4.29	5.000	0	85.8	44.3	144	02/10/2021	
Surr: 1,2-Dichloroethane-d4	*		H	5.23	5.000		104.6	80	120	02/10/2021	
Surr: 4-Bromofluorobenzene	*		H	5.04	5.000		100.8	80	120	02/10/2021	
Surr: Dibromofluoromethane	*		H	5.00	5.000		99.9	80	120	02/10/2021	
Surr: Toluene-d8	*		H	5.01	5.000		100.1	80	120	02/10/2021	

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS

Batch 173797		SampType: MS		Units mg/L							Date Analyzed	
SampID: 21020438-002AMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
1,1-Dichloroethene		0.200		4.64	5.000	0	92.8	69.3	133			
1,2-Dichloroethane		0.200		5.08	5.000	0	101.6	79	117			
1,4-Dichlorobenzene		0.200		4.63	5.000	0	92.6	78.3	109			
2-Butanone		1.00		5.11	5.000	0	102.2	71.6	129			
Benzene		0.050		4.73	5.000	0	94.6	78.9	118			
Carbon tetrachloride		0.200		4.56	5.000	0	91.2	78.6	125			
Chlorobenzene		0.200		4.84	5.000	0	96.7	84.7	110			
Chloroform		0.200		4.92	5.000	0	98.4	80.9	117			
Tetrachloroethene		0.050		4.35	5.000	0	87.0	75.2	112			
Trichloroethene		0.200		4.73	5.000	0	94.7	80.4	121			
Vinyl chloride		0.200		3.92	5.000	0	78.3	44.3	144			
Surr: 1,2-Dichloroethane-d4	*			5.30	5.000		105.9	80	120			
Surr: 4-Bromofluorobenzene	*			5.03	5.000		100.5	80	120			
Surr: Dibromofluoromethane	*			5.00	5.000		100.0	80	120			
Surr: Toluene-d8	*			4.97	5.000		99.5	80	120			

Batch 173797		SampType: MSD		Units mg/L				RPD Limit 20			Date Analyzed
SampID: 21020438-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,1-Dichloroethene		0.200		4.89	5.000	0	97.9	4.638	5.35	02/10/2021	
1,2-Dichloroethane		0.200		5.16	5.000	0	103.2	5.082	1.48	02/10/2021	
1,4-Dichlorobenzene		0.200		4.79	5.000	0	95.8	4.629	3.44	02/10/2021	
2-Butanone		1.00		5.12	5.000	0	102.4	5.112	0.14	02/10/2021	
Benzene		0.050		4.92	5.000	0	98.4	4.730	3.96	02/10/2021	
Carbon tetrachloride		0.200		4.80	5.000	0	96.0	4.559	5.11	02/10/2021	
Chlorobenzene		0.200		5.02	5.000	0	100.4	4.836	3.75	02/10/2021	
Chloroform		0.200		5.10	5.000	0	101.9	4.920	3.49	02/10/2021	
Tetrachloroethene		0.050		4.58	5.000	0	91.7	4.351	5.24	02/10/2021	
Trichloroethene		0.200		4.94	5.000	0	98.9	4.733	4.34	02/10/2021	
Vinyl chloride		0.200		4.15	5.000	0	83.0	3.917	5.78	02/10/2021	
Surr: 1,2-Dichloroethane-d4	*			5.25	5.000		104.9			02/10/2021	
Surr: 4-Bromofluorobenzene	*			5.04	5.000		100.7			02/10/2021	
Surr: Dibromofluoromethane	*			4.99	5.000		99.7			02/10/2021	
Surr: Toluene-d8	*			4.99	5.000		99.8			02/10/2021	



Receiving Check List

<http://www.teklabinc.com/>

Client: Environmental Operations, Inc.

Work Order: 21020438

Client Project: IDOT LPA Kickapoo / 21203

Report Date: 18-Feb-21

Carrier: Matt Stockert

Received By: PRY

Completed by:

On:

05-Feb-21

Amanda R. Ham

Reviewed by:

On:

05-Feb-21

Marvin L. Darling

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 3.2

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

NA ☒

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

Any No responses must be detailed below or on the COC.

Samples requiring pH should be analyzed as soon as possible after collection. Samples submitted for pH analysis are analyzed as soon as practicable upon arrival at the laboratory. - pyoch - 2/5/2021 5:44:05 PM

Print Form

Teklab Chain of Custody

Pg. 1 of 1 Workorder 21020438

5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618)344-1004 ~ Fax: (618)344-1005

Environmental Operations, Inc.

Are the samples chilled? ☒ Yes ☐ No with: ☒ Ice ☐ Blue icePreserved in ☐ Lab ☐ Field

1530 S. 2nd St. Ste. 200

Cooler Temp 3.2°C LTG 3 Sampler Matt Stockert

St. Louis

MO

63104

Comments

Project Name/Number: IDOT LPA Kickapoo / 21203

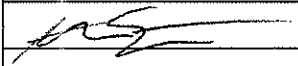
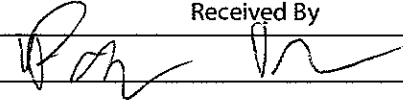
Contact Matt Stockert

eMail matts@environmentalops. Phone 618-581-4544

Requested Due Date STD

Billing/PO 21203

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	TCLP VOCs	TCLP SVOCs	TCLP 8 RCRA Metals	Total PCBs	pH	Ignitability	Paint Filler				
<u>21020438</u> <u>001</u>	SS-21203-1	2/5/21 <u>1202</u>	Unpres	Soil	☒	☒	☒	☒	☒	☒	☒	☒	☐	☐	☐
<u>002</u>	SS-21203-2	2/5/21 <u>1215</u>	Unpres	Soil	☒	☒	☒	☒	☒	☒	☒	☒	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
			Unpres	Aqueous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Relinquished By *	Date/Time	Received By	Date/Time
	2/5/21 1606		2/5/21 1606

* The individual signing this agreement on behalf of client acknowledges that they have read and understand the terms of this agreement and that they have the authority to sign on behalf of client.

PRF 2/5/21



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 628772IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: ComEd L1404 STA 3 Powerton
2. Site Address: 13082 Manito Road
(City, State, ZIP) Pekin IL 61554
3. County: Tazewell
4. Contact Name: Kareena Wasserman
5. Email: kareena.wasserman@comed.com
6. Phone: (312) 206-4850 7. Fax: _____
8. Generator EPA ID: ILD091769836 ☐ N/A
9. State ID: 1970455046 ☐ N/A

C. MATERIAL INFORMATION

1. Common Name: Non-Hazardous Soils
Describe Process(es) Generating Material: ☐ See Attached
Construction Spoils
2. Material Composition and Contaminants: ☐ See Attached

1. Soil	99 %
2. Debris	1 %
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: 8.31 to 8.57 ☐ 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:
STAT Analysis WO #20100897
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.

☒ I am an Authorized Agent signing on behalf of the Generator, and I have confirmed with the Generator that information contained in this profile, as well as supporting documents provided, are accurate and complete.

Name (Print): GSG Consultants, Inc. Date: 03/19/2021
Title: Environmental Program Manager
Company: GSG Consultants, Inc.

THINK GREEN®**QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE** Revised November 06, 2020 © 2020 WM Intellectual Property Holdings, L.L.C.**B. BILLING INFORMATION**☐ SAME AS GENERATOR

1. Billing Name: GSG Consultants, Inc.
2. Billing Address: 623 Cooper Court
(City, State, ZIP) Schaumburg IL 60173
3. Contact Name: Robert Suda
4. Email: rsuda@gsg-consultants.com
5. Phone: (312) 890-3428 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
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
***If Yes, see Addendum (page 2) for additional questions and space.**
9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
a. Regulated by 40 CFR 761? ☐ Yes ☐ No
b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
c. Were PCB imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 300
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: Semi Dump
4. USDOT Proper Shipping Name: ☒ N/A

Certification SignatureRobert W. Suda

cdF6072326...



**Profile Addendum: State of Illinois
GENERATOR'S NON-SPECIAL WASTE CERTIFICATION**

F. Additional Waste Stream Information

Profile Number: 628772IL

Generators Name: ComEd L1404 STA 3 Powerton

Generators SITE Address: 13082 Manito Road Pekin IL 61554
(The location where the waste is generated)

Waste Name: Non-Hazardous Soils

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) GSG Consultants, Inc.

Title: Environmental Program Manager

Signature: Robert W. Suda

Date: 03/19/2021

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

November 05, 2020

ARCADIS U.S., Inc.
2800 W Higgins Road
Hoffman Estates, IL 60169

Telephone: (847) 805-1000
Fax: (847) 252-2323

Analytical Report for STAT Work Order: 20100897 Revision 0

RE: 30061977, ComEd L1404 Pekin, Pekin, IL

Dear ARCADIS U.S., Inc.:

STAT Analysis received 2 samples for the referenced project on 10/28/2020 2:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: ARCADIS U.S., Inc.
Project: 30061977, ComEd L1404 Pekin, Pekin, IL
Work Order: 20100897 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
20100897-001A	TB-1 (6-7.5)		10/27/2020 12:15:00 PM	10/28/2020
20100897-001B	TB-1 (6-7.5)		10/27/2020 12:15:00 PM	10/28/2020
20100897-002A	TB-2 (8.5-10)		10/28/2020 9:00:00 AM	10/28/2020
20100897-002B	TB-2 (8.5-10)		10/28/2020 9:00:00 AM	10/28/2020

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-1 (6-7.5)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/27/2020 12:15:00 PM

Lab ID: 20100897-001A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 10/28/2020 Analyst: CBG		
Acetone	ND	0.051		mg/Kg-dry	1	10/30/2020
Benzene	ND	0.0034		mg/Kg-dry	1	10/30/2020
Bromodichloromethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
Bromoform	ND	0.0034		mg/Kg-dry	1	10/30/2020
Bromomethane	ND	0.0068		mg/Kg-dry	1	10/30/2020
2-Butanone	ND	0.051		mg/Kg-dry	1	10/30/2020
Carbon disulfide	ND	0.034		mg/Kg-dry	1	10/30/2020
Carbon tetrachloride	ND	0.0034		mg/Kg-dry	1	10/30/2020
Chlorobenzene	ND	0.0034		mg/Kg-dry	1	10/30/2020
Chloroethane	ND	0.0068		mg/Kg-dry	1	10/30/2020
Chloroform	ND	0.0034		mg/Kg-dry	1	10/30/2020
Chloromethane	ND	0.0068		mg/Kg-dry	1	10/30/2020
Dibromochloromethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
1,1-Dichloroethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
1,2-Dichloroethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
1,1-Dichloroethene	ND	0.0034		mg/Kg-dry	1	10/30/2020
cis-1,2-Dichloroethene	ND	0.0034		mg/Kg-dry	1	10/30/2020
trans-1,2-Dichloroethene	ND	0.0034		mg/Kg-dry	1	10/30/2020
1,2-Dichloropropane	ND	0.0034		mg/Kg-dry	1	10/30/2020
cis-1,3-Dichloropropene	ND	0.0014		mg/Kg-dry	1	10/30/2020
trans-1,3-Dichloropropene	ND	0.0014		mg/Kg-dry	1	10/30/2020
Ethylbenzene	ND	0.0034		mg/Kg-dry	1	10/30/2020
2-Hexanone	ND	0.014		mg/Kg-dry	1	10/30/2020
4-Methyl-2-pentanone	ND	0.014		mg/Kg-dry	1	10/30/2020
Methylene chloride	ND	0.0068		mg/Kg-dry	1	10/30/2020
Methyl tert-butyl ether	ND	0.0034		mg/Kg-dry	1	10/30/2020
Styrene	ND	0.0034		mg/Kg-dry	1	10/30/2020
1,1,2,2-Tetrachloroethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
Tetrachloroethene	ND	0.0034		mg/Kg-dry	1	10/30/2020
Toluene	0.0041	0.0034		mg/Kg-dry	1	10/30/2020
1,1,1-Trichloroethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
1,1,2-Trichloroethane	ND	0.0034		mg/Kg-dry	1	10/30/2020
Trichloroethene	ND	0.0034		mg/Kg-dry	1	10/30/2020
Vinyl chloride	ND	0.0034		mg/Kg-dry	1	10/30/2020
Xylenes, Total	ND	0.010		mg/Kg-dry	1	10/30/2020

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-1 (6-7.5)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/27/2020 12:15:00 PM

Lab ID: 20100897-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)			Prep Date: 10/29/2020		Analyst: DM
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Acenaphthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Acenaphthylene	ND	0.034		mg/Kg-dry	1	10/30/2020
Aniline	ND	0.34		mg/Kg-dry	1	10/30/2020
Anthracene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benz(a)anthracene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benidine	ND	0.34		mg/Kg-dry	1	10/30/2020
Benzo(a)pyrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzo(b)fluoranthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzo(g,h,i)perylene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzo(k)fluoranthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzoic acid	ND	0.85		mg/Kg-dry	1	10/30/2020
Benzyl alcohol	ND	0.17		mg/Kg-dry	1	10/30/2020
Bis(2-chloroethoxy)methane	ND	0.17		mg/Kg-dry	1	10/30/2020
Bis(2-chloroethyl)ether	ND	0.17		mg/Kg-dry	1	10/30/2020
Bis(2-ethylhexyl)phthalate	ND	0.85		mg/Kg-dry	1	10/30/2020
4-Bromophenyl phenyl ether	ND	0.17		mg/Kg-dry	1	10/30/2020
Butyl benzyl phthalate	ND	0.85		mg/Kg-dry	1	10/30/2020
Carbazole	ND	0.17		mg/Kg-dry	1	10/30/2020
4-Chloroaniline	ND	0.17		mg/Kg-dry	1	10/30/2020
4-Chloro-3-methylphenol	ND	0.34		mg/Kg-dry	1	10/30/2020
2-Chloronaphthalene	ND	0.17		mg/Kg-dry	1	10/30/2020
2-Chlorophenol	ND	0.17		mg/Kg-dry	1	10/30/2020
4-Chlorophenyl phenyl ether	ND	0.17		mg/Kg-dry	1	10/30/2020
Chrysene	ND	0.034		mg/Kg-dry	1	10/30/2020
Dibenz(a,h)anthracene	ND	0.034		mg/Kg-dry	1	10/30/2020
Dibenzofuran	ND	0.17		mg/Kg-dry	1	10/30/2020
1,2-Dichlorobenzene	ND	0.17		mg/Kg-dry	1	10/30/2020
1,3-Dichlorobenzene	ND	0.17		mg/Kg-dry	1	10/30/2020
1,4-Dichlorobenzene	ND	0.17		mg/Kg-dry	1	10/30/2020
3,3'-Dichlorobenzidine	ND	0.17		mg/Kg-dry	1	10/30/2020
2,4-Dichlorophenol	ND	0.17		mg/Kg-dry	1	10/30/2020
Diethyl phthalate	ND	0.85		mg/Kg-dry	1	10/30/2020
2,4-Dimethylphenol	ND	0.17		mg/Kg-dry	1	10/30/2020
Dimethyl phthalate	ND	0.85		mg/Kg-dry	1	10/30/2020
4,6-Dinitro-2-methylphenol	ND	0.34		mg/Kg-dry	1	10/30/2020
2,4-Dinitrophenol	ND	0.85		mg/Kg-dry	1	10/30/2020
2,4-Dinitrotoluene	ND	0.034		mg/Kg-dry	1	10/30/2020
2,6-Dinitrotoluene	ND	0.034		mg/Kg-dry	1	10/30/2020

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-1 (6-7.5)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/27/2020 12:15:00 PM

Lab ID: 20100897-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 10/29/2020 Analyst: DM

Di-n-butyl phthalate	ND	0.85		mg/Kg-dry	1	10/30/2020
Di-n-octyl phthalate	ND	0.85		mg/Kg-dry	1	10/30/2020
Fluoranthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Fluorene	ND	0.034		mg/Kg-dry	1	10/30/2020
Hexachlorobenzene	ND	0.17		mg/Kg-dry	1	10/30/2020
Hexachlorobutadiene	ND	0.17		mg/Kg-dry	1	10/30/2020
Hexachlorocyclopentadiene	ND	0.17		mg/Kg-dry	1	10/30/2020
Hexachloroethane	ND	0.17		mg/Kg-dry	1	10/30/2020
Indeno(1,2,3-cd)pyrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Isophorone	ND	0.17		mg/Kg-dry	1	10/30/2020
2-Methylnaphthalene	ND	0.17		mg/Kg-dry	1	10/30/2020
2-Methylphenol	ND	0.17		mg/Kg-dry	1	10/30/2020
4-Methylphenol	ND	0.17		mg/Kg-dry	1	10/30/2020
Naphthalene	ND	0.034		mg/Kg-dry	1	10/30/2020
2-Nitroaniline	ND	0.17		mg/Kg-dry	1	10/30/2020
3-Nitroaniline	ND	0.17		mg/Kg-dry	1	10/30/2020
4-Nitroaniline	ND	0.17		mg/Kg-dry	1	10/30/2020
2-Nitrophenol	ND	0.17		mg/Kg-dry	1	10/30/2020
4-Nitrophenol	ND	0.34		mg/Kg-dry	1	10/30/2020
Nitrobenzene	ND	0.034		mg/Kg-dry	1	10/30/2020
N-Nitrosodi-n-propylamine	ND	0.034		mg/Kg-dry	1	10/30/2020
N-Nitrosodimethylamine	ND	0.17		mg/Kg-dry	1	10/30/2020
N-Nitrosodiphenylamine	ND	0.17		mg/Kg-dry	1	10/30/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.17		mg/Kg-dry	1	10/30/2020
Pentachlorophenol	ND	0.069		mg/Kg-dry	1	10/30/2020
Phenanthrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Phenol	ND	0.17		mg/Kg-dry	1	10/30/2020
Pyrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Pyridine	ND	0.69		mg/Kg-dry	1	10/30/2020
1,2,4-Trichlorobenzene	ND	0.17		mg/Kg-dry	1	10/30/2020
2,4,5-Trichlorophenol	ND	0.17		mg/Kg-dry	1	10/30/2020
2,4,6-Trichlorophenol	ND	0.17		mg/Kg-dry	1	10/30/2020

PCBs SW8082A (SW3550B) Prep Date: 10/29/2020 Analyst: GVC

Aroclor 1016	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1221	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1232	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1242	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1248	ND	0.083		mg/Kg-dry	1	10/29/2020

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-1 (6-7.5)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/27/2020 12:15:00 PM

Lab ID: 20100897-001B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs						
	SW8082A (SW3550B)			Prep Date: 10/29/2020		Analyst: GVC
Aroclor 1254	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1260	ND	0.083		mg/Kg-dry	1	10/29/2020
Metals by ICP/MS						
	SW6020A (SW3050B)			Prep Date: 10/30/2020		Analyst: JG
Arsenic	3.6	1.0		mg/Kg-dry	10	11/2/2020
Barium	22	1.0		mg/Kg-dry	10	11/2/2020
Cadmium	ND	0.51		mg/Kg-dry	10	11/2/2020
Chromium	6.3	1.0		mg/Kg-dry	10	11/2/2020
Lead	4.7	0.51		mg/Kg-dry	10	11/2/2020
Selenium	ND	1.0		mg/Kg-dry	10	11/2/2020
Silver	ND	1.0		mg/Kg-dry	10	11/2/2020
TCLP Metals by ICP/MS						
	SW1311/6020A (SW3005A)			Prep Date: 11/3/2020		Analyst: JG
Arsenic	ND	0.010		mg/L	5	11/3/2020
Barium	0.29	0.050		mg/L	5	11/3/2020
Cadmium	ND	0.0050		mg/L	5	11/3/2020
Chromium	ND	0.010		mg/L	5	11/3/2020
Lead	ND	0.0050		mg/L	5	11/3/2020
Selenium	ND	0.010		mg/L	5	11/3/2020
Silver	ND	0.010		mg/L	5	11/3/2020
TCLP Mercury						
	SW1311/7470A			Prep Date: 11/3/2020		Analyst: LB
Mercury	ND	0.00020		mg/L	1	11/3/2020
Mercury						
	SW7471B			Prep Date: 10/29/2020		Analyst: LB
Mercury	ND	0.018		mg/Kg-dry	1	10/30/2020
Anions by Ion Chromatography						
	E300.0			Prep Date: 11/1/2020		Analyst: MD
Chloride	ND	21	*	mg/Kg-dry	1	11/1/2020
Sulfate	ND	42	*	mg/Kg-dry	1	11/1/2020
pH (25 °C)						
	SW9045C			Prep Date: 10/29/2020		Analyst: FN
pH	8.31			pH Units	1	10/29/2020
Percent Moisture						
	D2974			Prep Date: 10/29/2020		Analyst: WJL
Percent Moisture	4.0	0.2	*	wt%	1	10/30/2020

Qualifiers:

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 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

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 S - Spike Recovery outside accepted recovery limits
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Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-2 (8.5-10)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/28/2020 9:00:00 AM

Lab ID: 20100897-002A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 10/28/2020 Analyst: CBG		
Acetone	ND	0.042		mg/Kg-dry	1	10/30/2020
Benzene	ND	0.0028		mg/Kg-dry	1	10/30/2020
Bromodichloromethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
Bromoform	ND	0.0028		mg/Kg-dry	1	10/30/2020
Bromomethane	ND	0.0056		mg/Kg-dry	1	10/30/2020
2-Butanone	ND	0.042		mg/Kg-dry	1	10/30/2020
Carbon disulfide	ND	0.028		mg/Kg-dry	1	10/30/2020
Carbon tetrachloride	ND	0.0028		mg/Kg-dry	1	10/30/2020
Chlorobenzene	ND	0.0028		mg/Kg-dry	1	10/30/2020
Chloroethane	ND	0.0056		mg/Kg-dry	1	10/30/2020
Chloroform	ND	0.0028		mg/Kg-dry	1	10/30/2020
Chloromethane	ND	0.0056		mg/Kg-dry	1	10/30/2020
Dibromochloromethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
1,1-Dichloroethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
1,2-Dichloroethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
1,1-Dichloroethene	ND	0.0028		mg/Kg-dry	1	10/30/2020
cis-1,2-Dichloroethene	ND	0.0028		mg/Kg-dry	1	10/30/2020
trans-1,2-Dichloroethene	ND	0.0028		mg/Kg-dry	1	10/30/2020
1,2-Dichloropropane	ND	0.0028		mg/Kg-dry	1	10/30/2020
cis-1,3-Dichloropropene	ND	0.0011		mg/Kg-dry	1	10/30/2020
trans-1,3-Dichloropropene	ND	0.0011		mg/Kg-dry	1	10/30/2020
Ethylbenzene	ND	0.0028		mg/Kg-dry	1	10/30/2020
2-Hexanone	ND	0.011		mg/Kg-dry	1	10/30/2020
4-Methyl-2-pentanone	ND	0.011		mg/Kg-dry	1	10/30/2020
Methylene chloride	ND	0.0056		mg/Kg-dry	1	10/30/2020
Methyl tert-butyl ether	ND	0.0028		mg/Kg-dry	1	10/30/2020
Styrene	ND	0.0028		mg/Kg-dry	1	10/30/2020
1,1,2,2-Tetrachloroethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
Tetrachloroethene	ND	0.0028		mg/Kg-dry	1	10/30/2020
Toluene	0.0036	0.0028		mg/Kg-dry	1	10/30/2020
1,1,1-Trichloroethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
1,1,2-Trichloroethane	ND	0.0028		mg/Kg-dry	1	10/30/2020
Trichloroethene	ND	0.0028		mg/Kg-dry	1	10/30/2020
Vinyl chloride	ND	0.0028		mg/Kg-dry	1	10/30/2020
Xylenes, Total	ND	0.0083		mg/Kg-dry	1	10/30/2020

Qualifiers:

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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-2 (8.5-10)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/28/2020 9:00:00 AM

Lab ID: 20100897-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS	SW8270C (SW3550B)	Prep Date: 10/29/2020	Analyst: DM
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Acenaphthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Acenaphthylene	ND	0.034		mg/Kg-dry	1	10/30/2020
Aniline	ND	0.35		mg/Kg-dry	1	10/30/2020
Anthracene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benz(a)anthracene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzdine	ND	0.34		mg/Kg-dry	1	10/30/2020
Benzo(a)pyrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzo(b)fluoranthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzo(g,h,i)perylene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzo(k)fluoranthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Benzoic acid	ND	0.86		mg/Kg-dry	1	10/30/2020
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	10/30/2020
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	10/30/2020
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	10/30/2020
Bis(2-ethylhexyl)phthalate	ND	0.86		mg/Kg-dry	1	10/30/2020
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	10/30/2020
Butyl benzyl phthalate	ND	0.86		mg/Kg-dry	1	10/30/2020
Carbazole	ND	0.18		mg/Kg-dry	1	10/30/2020
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	10/30/2020
4-Chloro-3-methylphenol	ND	0.34		mg/Kg-dry	1	10/30/2020
2-Chloronaphthalene	ND	0.18		mg/Kg-dry	1	10/30/2020
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	10/30/2020
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	10/30/2020
Chrysene	ND	0.034		mg/Kg-dry	1	10/30/2020
Dibenz(a,h)anthracene	ND	0.034		mg/Kg-dry	1	10/30/2020
Dibenzofuran	ND	0.18		mg/Kg-dry	1	10/30/2020
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	10/30/2020
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	10/30/2020
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	10/30/2020
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	10/30/2020
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	10/30/2020
Diethyl phthalate	ND	0.86		mg/Kg-dry	1	10/30/2020
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	10/30/2020
Dimethyl phthalate	ND	0.86		mg/Kg-dry	1	10/30/2020
4,6-Dinitro-2-methylphenol	ND	0.34		mg/Kg-dry	1	10/30/2020
2,4-Dinitrophenol	ND	0.86		mg/Kg-dry	1	10/30/2020
2,4-Dinitrotoluene	ND	0.034		mg/Kg-dry	1	10/30/2020
2,6-Dinitrotoluene	ND	0.034		mg/Kg-dry	1	10/30/2020

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-2 (8.5-10)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/28/2020 9:00:00 AM

Lab ID: 20100897-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
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Semivolatile Organic Compounds by GC/MS SW8270C (SW3550B) Prep Date: 10/29/2020 Analyst: DM

Di-n-butyl phthalate	ND	0.86		mg/Kg-dry	1	10/30/2020
Di-n-octyl phthalate	ND	0.86		mg/Kg-dry	1	10/30/2020
Fluoranthene	ND	0.034		mg/Kg-dry	1	10/30/2020
Fluorene	ND	0.034		mg/Kg-dry	1	10/30/2020
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	10/30/2020
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	10/30/2020
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	10/30/2020
Hexachloroethane	ND	0.18		mg/Kg-dry	1	10/30/2020
Indeno(1,2,3-cd)pyrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Isophorone	ND	0.18		mg/Kg-dry	1	10/30/2020
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	10/30/2020
2-Methylphenol	ND	0.18		mg/Kg-dry	1	10/30/2020
4-Methylphenol	ND	0.18		mg/Kg-dry	1	10/30/2020
Naphthalene	ND	0.034		mg/Kg-dry	1	10/30/2020
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	10/30/2020
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	10/30/2020
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	10/30/2020
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	10/30/2020
4-Nitrophenol	ND	0.34		mg/Kg-dry	1	10/30/2020
Nitrobenzene	ND	0.034		mg/Kg-dry	1	10/30/2020
N-Nitrosodi-n-propylamine	ND	0.034		mg/Kg-dry	1	10/30/2020
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	10/30/2020
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	10/30/2020
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	10/30/2020
Pentachlorophenol	ND	0.070		mg/Kg-dry	1	10/30/2020
Phenanthrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Phenol	ND	0.18		mg/Kg-dry	1	10/30/2020
Pyrene	ND	0.034		mg/Kg-dry	1	10/30/2020
Pyridine	ND	0.70		mg/Kg-dry	1	10/30/2020
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	10/30/2020
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	10/30/2020
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	10/30/2020

PCBs SW8082A (SW3550B) Prep Date: 10/29/2020 Analyst: GVC

Aroclor 1016	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1221	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1232	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1242	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1248	ND	0.083		mg/Kg-dry	1	10/29/2020

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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Report Date: November 05, 2020

Print Date: November 05, 2020

ANALYTICAL RESULTS

Client: ARCADIS U.S., Inc.

Client Sample ID: TB-2 (8.5-10)

Work Order: 20100897 Revision 0

Tag Number:

Project: 30061977, ComEd L1404 Pekin, Pekin, IL

Collection Date: 10/28/2020 9:00:00 AM

Lab ID: 20100897-002B

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	SW8082A (SW3550B)					Prep Date: 10/29/2020 Analyst: GVC
Aroclor 1254	ND	0.083		mg/Kg-dry	1	10/29/2020
Aroclor 1260	ND	0.083		mg/Kg-dry	1	10/29/2020
Metals by ICP/MS	SW6020A (SW3050B)					Prep Date: 10/30/2020 Analyst: JG
Arsenic	4.4	0.93		mg/Kg-dry	10	11/2/2020
Barium	20	0.93		mg/Kg-dry	10	11/2/2020
Cadmium	ND	0.47		mg/Kg-dry	10	11/2/2020
Chromium	9.9	0.93		mg/Kg-dry	10	11/2/2020
Lead	5.3	0.47		mg/Kg-dry	10	11/2/2020
Selenium	ND	0.93		mg/Kg-dry	10	11/2/2020
Silver	ND	0.93		mg/Kg-dry	10	11/2/2020
TCLP Metals by ICP/MS	SW1311/6020A (SW3005A)					Prep Date: 11/3/2020 Analyst: JG
Arsenic	ND	0.010		mg/L	5	11/3/2020
Barium	0.24	0.050		mg/L	5	11/3/2020
Cadmium	ND	0.0050		mg/L	5	11/3/2020
Chromium	ND	0.010		mg/L	5	11/3/2020
Lead	ND	0.0050		mg/L	5	11/3/2020
Selenium	ND	0.010		mg/L	5	11/3/2020
Silver	ND	0.010		mg/L	5	11/3/2020
TCLP Mercury	SW1311/7470A					Prep Date: 11/3/2020 Analyst: LB
Mercury	ND	0.00020		mg/L	1	11/3/2020
Mercury	SW7471B					Prep Date: 10/29/2020 Analyst: LB
Mercury	ND	0.016		mg/Kg-dry	1	10/30/2020
Anions by Ion Chromatography	E300.0					Prep Date: 11/1/2020 Analyst: MD
Chloride	ND	21	*	mg/Kg-dry	1	11/1/2020
Sulfate	ND	42	*	mg/Kg-dry	1	11/1/2020
pH (25 °C)	SW9045C					Prep Date: 10/29/2020 Analyst: FN
pH	8.57			pH Units	1	10/29/2020
Percent Moisture	D2974					Prep Date: 10/29/2020 Analyst: WJL
Percent Moisture	4.0	0.2	*	wt%	1	10/30/2020

Qualifiers:

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
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 H - Holding time exceeded

CHAIN OF CUSTODY RECORD

N^o: 923733

Page: 1 of 1

Company: <u>ATC/ALIS</u>		Client Tracking No.: _____	
Project Number: <u>30061977</u>		Quote No.: _____	
Project Name: <u>owned L1404 Pekin</u>		P.O. No.: _____	
Project Location: <u>Pekin, IL</u>		Turn Around Time (Days): 1 2 3 4 <u>5-7</u> 10	
Sampler(s): <u>Rae Kinney</u>		Results Needed: _____	
Report To: <u>Dale Ellingson</u>		Additional Information: _____	
Phone: <u>847-402-1525</u>		Lab No.: <u>001</u>	
Fax: _____		am/pm _____	
QC Level: 1 2 3 4		Additional Information: _____	
e-mail: <u>dale.ellingson@atc-alis.com</u>		Lab No.: <u>002</u>	
Client Sample Number/Description:		am/pm	
Time Taken		am/pm	
Date Taken		am/pm	
Matrix		am/pm	
Comp.		am/pm	
Grab		am/pm	
Preserv.		am/pm	
No. of Containers		am/pm	
Volcs		am/pm	
SVOLCS w/PNAs		am/pm	
PCBS		am/pm	
Total PCBA metals		am/pm	
TCLP PCBA metals		am/pm	
Soluble sulfate		am/pm	
Chloride		am/pm	
pH		am/pm	
Relinquished by: (Signature) <u>Rae Kinney</u>		Date/Time: <u>10/28/20 1430</u>	
Received by: (Signature) <u>[Signature]</u>		Date/Time: <u>10/28/20 1430</u>	
Relinquished by: (Signature)		Date/Time:	
Received by: (Signature)		Date/Time:	
Relinquished by: (Signature)		Date/Time:	
Received by: (Signature)		Date/Time:	
Relinquished by: (Signature)		Date/Time:	
Received by: (Signature)		Date/Time:	
Laboratory Work Order No.: <u>20100897</u>		Received on Ice: Yes ☒ No ☐	
Comments:		Temperature: <u>5.1</u> °C	
Preservation Code: A = None B = HNO ₃ C = NaOH D = H ₂ SO ₄ E = HCl F = 5035/EnCore G = Other			

Sample Receipt Checklist

Client Name **ARCADIS-HOFFMAN EST.**

Date and Time Received: **10/28/2020 2:30:00 PM**

Work Order Number **20100897**

Received by: **EAA**

Checklist completed by: EL 10/28/20
Signature Date

Reviewed by: A.A 10/29/2020
Initials Date

Matrix: Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container or <u>Temp Blank</u> temperature in compliance?	Yes ☒	No ☐	Temperature 5.1 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by: _____
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____
