



## **LANDFILL – SOLID WASTE COMMITTEE**

### **MEETING AGENDA MEETING**

**Wednesday, November 15th, 2023**

**3:00PM**

**419 Fulton Street – Room 404**

Virtual option available:  
Microsoft Teams meeting

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**Landfill COMMISSION AGENDAS AND MINUTES**  
**ISSUED BY: STEPHEN M. MORRIS, CHAIRMAN**

**PUBLIC WORKS DEPARTMENT**  
**3505 N. DRIES LANE, PEORIA IL 61604**  
**309-494-8800**

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# **CITY OF PEORIA – LANDFILL – SOLID WASTE COMMITTEE**

## **ANNOUNCEMENTS, ETC.**

None.

## **CITIZENS' OPPORTUNITY TO ADDRESS THE COMMITTEE**

ANYONE WISHING TO MAKE A PUBLIC COMMENT CAN DO SO BY SENDING THOSE COMMENTS TO PUBLIC WORKS, BY **12:00 P.M.** ON 11/15/2023. PUBLIC COMMENTS CAN BE SENT TO THE PUBLIC WORKS DEPARTMENT, IN WRITING, AT **PUBLICWORKS@PEORIAGOV.ORG** OR VIA FAX AT 309-494-8855. THE EMAIL OR FAX SHOULD BE LABELED "PUBLIC COMMENT FOR 11/15/2023 PEORIA CITY/COUNTY LANDFILL COMMITTEE MEETING," AND WE ASK THAT YOU INCLUDE YOUR NAME AND ADDRESS.

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

## **MINUTES**

REQUEST FOR APPROVAL OF THE PEORIA CITY/COUNTY LANDFILL  
October 4, 2023 Regular Landfill Meeting Minutes

## **AGENDA ITEMS**

- ITEM NO. 1**      REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT, LLC  
                    A. Monthly Update Request  
                    B. Signature Approval Request  
                    C. Waste Profiles Request  
                    D. Gate Audit Memo
- ITEM NO. 2**      REPORT FROM PUBLIC WORKS ADMINISTRATION  
                    A. Landfill Monthly Budget Report
- ITEM NO. 3**      REPORT FROM WASTE MANAGEMENT-Ian Johnson  
                    A. Monthly Activity Reports  
                    B. Signature Approvals

## **UNFINISHED BUSINESS**

- A. Solar Discussion
- B. FY 2024 Budget

## **NEW BUSINESS**

## **EXECUTIVE SESSION**

## **NEXT MEETING**

Wednesday, December 27, 2023 3:00PM

## **ADJOURNMENT**

CITIZENS WISHING TO ADDRESS AN ITEM NOT ON THE AGENDA SHOULD CONTACT A COMMISSION MEMBER PRIOR TO THE MEETING. ALL OTHER PUBLIC INPUT WILL BE HEARD UNDER PUBLIC COMMENT NEAR THE END 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

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## CITY OF PEORIA – LANDFILL – SOLID WASTE COMMITTEE

### ATTENDANCE

**VOTING MEMBERS PRESENT:** Rick Fox, Stephen Van Winkle, Lester Bergsten, Timothy Riggensbach, Zachary Oyler, Sharon Williams – 6

**NON-VOTING MEMBERS PRESENT:** Nicholas McMillion, KJ Mathews, Tara Van Hoof, Mark Williams, Patrick Hayes. – 5

### MINUTES

#### REQUEST FOR APPROVAL OF THE PEORIA CITY/COUNTY LANDFILL

October 4, 2023 Regular Landfill Meeting Minutes

Bergsten motioned to approve minutes, seconded by Sharon Williams; approved with a unanimous verbal vote.

### AGENDA ITEMS

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

##### A. Monthly Update

Tara - Our usual budget spreadsheet is attached.

Through August, we're at about 295,000, which includes those phase five and phase six withholdings that we had the last few months, which now we should be brought up to speed and everything has been billed through August.

With the new budget that was approved, our total spend was about 69.3% of the contract budget which is consistent with the plan at 68.8%. So, kind of back where we need to be. We did not have any shutdowns since the last meeting that required any cap forms. Methane percent was a little low but within the expected range.

We had some leachate hauled off-site since the last meeting. General MSW was still high by 12,500 tons, higher than the 2022 receipts and total tonnage to date was 15,000 tons greater than the 2022 receipts.

As far as Landfill 3 updates, we had three action items from the last meeting, so the first one is to prepare access agreements between the landfill committee and AML and IDNR which we are still waiting for a template from IDNR, but if we don't hear something soon, we'll reach out to them. The next one was to develop a scope of work to outline the steps for investigating the footprint and depth of the underground line, so we were waiting on a meeting with IDNR. We have a meeting set up tomorrow, just a conference call, and will talk about the next steps.

They have a work order out to their contractor to do some test borings, but waiting to hear when they can get out there to do that and then determine if the gob piles can be buried on-site.

So, the IDNR has taken some samples, they've added some lines to see how it would react for capping the material and then both provided them with the landfill 3 footprints to remove the material away from any potential feature disruption. So that's where we're at with it.

Does anyone have any questions?

Rick- I did talk to Josh on the phone, and we would like to see things moving a little more than they have but they're waiting on IDNR basically at this point. There has been some conversation with GFL to make sure that things are on track from their side.

Any questions- None.

Tara- As far as solar, we have a meeting set up with GPSD for Friday. By then they will have some experience with solar and get the scoop complete.

**B. Signature Approvals**

Rick- Next I believe is the signature approvals, other than the request in case it's needed.

Tara- No signatures currently.

Van Winkle to approve signatures, seconded by Bergsten; approved with a unanimous verbal vote.

**C. Draft 2024 Budget Request**

Tara- So we have presented the draft budget for next year.

It's just a presentation for everyone to look at, review, and possibly approve at the next meeting. Would you like me to go over anything or just take the next month to look at it?

Rick- And what's the pleasure of the committee? Does anybody want to have an overview or are you okay looking at it between now and next month slated to approve it?

Rick- I will take that as an okay.

**D. Waste Profiles Request**

Tara- We had eight pre-approved waste profiles since the last meeting. Just general items, I don't know if anybody has any questions on those, but primarily contaminated soil and debris policy and asbestos material.

Rick- Any questions about the base profiles?

None.

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

**A. Landfill Monthly Budget Report**

Foth reviewed the August and September 2023 financials. For August, the revenue budget was \$39.8K while actuals for the month were \$51.7K. The expenditure budget was \$39K while actuals came in at \$8.5K. The low expenditures were due to Foth withholding phase 5 & 6 spend due to the revised work order. Those expenditure were added to the September invoice. For September, the revenue budget was \$39.8K versus \$51.9K actual. Expenditure budget was \$39K versus \$66.8K actual. The September deficit was \$16.9K. The ending fund balance at the end of September is \$238.8K.

**ITEM NO. 3      REPORT FROM WASTE MANAGEMENT-Ian Johnson**

**A. Monthly Activity Reports**

Johnson reported that the weekly random load checks were completed and documented. No issues were noted. We did have a confirmed increase at one of the monitoring wells, RR 117 during the third quarter 2023 event for nitrate. We've submitted previous alternate source demonstrations for nitrate at the same well in the past.

It's an upgradient well. The nitrate exceedances are due to natural conditions within the aquifer. So, we've prepared a permit application which is due to the IEPA on October 22nd to either revise the

statistical value or propose a little bit more monitoring to see if the level goes down.

I've submitted the permit application to FOTH for their review and approval and they approved everything. So, I have the forms ready to go for Chairman Morris's signature if the committee approves that. And then as I always ask for any sort of signatures between now and the next meeting, and if something does come up, we get approval to get Chairman Morris's signature subject to folks review first. So that's it.

Also, to just kind of go along with what Tara said, we're about 15,000 tons above last year's tonnages. So that's approximately a month, a month's worth of gate receipts.

So as we get into our last year of operating life at PCC two we're going to have to update you guys just more frequently and just let you know where we're at because if we start taking more waste in obviously we could bump up the closure date to October you know of 2024 right now we're at November, December but as you know things can change if we take more waste in. So, I just wanted to bring that to the committee's attention.

Any questions?

None.

*B. Signature Approvals*

So, it sounds like we need 2 signatures: First, on the permit motion.

Bergsten to approve signatures, seconded by Van Winkle; approved with a unanimous verbal vote.

The next signature approval would be permitting signatures. (If required) Bergsten to approve signatures, seconded by Van Winkle; approved with a unanimous verbal vote.

**ITEM NO 4. REPORT FROM GFL**

Nothing to report.

**UNFINISHED BUSINESS**

None.

**NEW BUSINESS**

Van Winkle- I just have one big question; Nothing was mentioned about what we're doing relating to solar as far as making any initial progress there.

Josh- we do have a meeting set up with the GPSD later this week when I get back into town. We've been trying to get our schedules together with them to talk over how their solar went and that is our current update for that. So, we are trying to get the ball moving faster with that.

Thank you.

**EXECUTIVE SESSION**

None.

**NEXT MEETING**

November 15, 2023, at 3 pm

**ADJOURNMENT**

**3:16PM**

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

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## REQUEST FOR DISCUSSION

**To: Peoria City/County Landfill Committee Members**

**From: Tara Van Hoof and Joshua Gabehart, P.E., Foth Infrastructure and Environment, LLC**

**Agenda Date Requested:** November 15, 2023

**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 October 31, 2023. The total amount billed through October 31 is \$345,416. Through October 31, the total spend was 87.7% of the January through December 31, 2023 contract, which is slightly higher than the planned budget spend of 83.8%. Note that because much of the solar development budget is anticipated to roll over into next year, the spreadsheet was adjusted to separate Phase 4 – Solar Development from the remaining budget items in order to get a view of the budget for this year.

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

- There was one shutdown since the last meeting that occurred on November 2, 2023 that will require a 405 – CAAPP form. During the shutdowns the flare system functioned as designed, there were no releases of landfill gas to the atmosphere.
- Gas methane content at the flare was 33.6.% for the month of October.
- There were 5,000 gallons of leachate hauled offsite since the last meeting.
- Monthly tonnages through October are attached. Through October, general MSW was greater than the 2022 receipts by over 14,700 tons. Total tonnage received was over 20,000 tons greater than the 2022 waste receipts. There are no recommended changes to plan at this time.
- A leachate seep was discovered in a sidewall on southwest side of PCCL 1. Leachate did not leave the landfill based on site visits conducted by Foth staff on October 23<sup>rd</sup>, 27<sup>th</sup>, and 31<sup>st</sup>. Foth is seeking a quote for emergency repair of the area at the time of submittal of this memo. The repair would consist of removing soil in the area of the seep to find the potential source, backfilling with suitable compactable material, and restoring with grass and erosion control matting. This is a common repair at landfills, but urgency is required to make the repair to prevent environmental impacts.

### **Landfill 3 Updates**

IDNR will begin the initial investigation into the underground mine on November 13, 2023. The IEPA, GFL, and WM was notified of the start date for the initial investigation. We have reached out to the IEPA to discuss the initial investigation as IDNR is working to move fast. The initial investigation is being led by IDNR staff and will use this first drilling activity to determine next steps in the process.

**Solar**

Foth participated in a conference call with GPSD for October 6, 2023. GPSD followed up with providing their solar RFQ and RFP documents to use as references. Foth has engaged a resource to begin preparation of the RFQ/RFP.

**FINANCIAL IMPACT:**

| Phase/<br>Task | Description                                   | Beginning Estimate | Current Budget<br>Estimate | January   |           | February  |          | March     |           | April     |           | May       |           | June      |           |
|----------------|-----------------------------------------------|--------------------|----------------------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                |                                               |                    |                            | Budget    | Actual    | Budget    | Actual   | Budget    | Actual    | Budget    | Actual    | Budget    | Actual    | Budget    | Actual    |
| Phase 1        | General Compliance and Guidance               | \$ 124,100         | \$ 124,075                 | \$ 16,907 | \$ 19,185 | \$ 9,717  | \$ 8,873 | \$ 10,317 | \$ 6,378  | \$ 13,580 | \$ 16,224 | \$ 8,332  | \$ 8,832  | \$ 8,332  | \$ 6,557  |
| Phase 2        | Groundwater Support and Data Review           | \$ 30,500          | \$ 30,492                  | \$ 7,209  | \$ 7,921  | \$ 4,666  | \$ 3,954 | \$ 1,866  | \$ 544    | \$ 1,816  | \$ 6,035  | \$ 1,517  | \$ 1,099  | \$ 1,517  | \$ 2,637  |
| Phase 3        | Gas System and Leachate Management Operations | \$ 138,500         | \$ 138,364                 | \$ 12,431 | \$ 9,815  | \$ 13,581 | \$ 9,164 | \$ 11,431 | \$ 10,411 | \$ 13,431 | \$ 18,821 | \$ 12,361 | \$ 11,741 | \$ 11,461 | \$ 23,640 |
| Phase 5        | Landfill No. 2 and No. 3 Expansion/Transition | \$ 20,000          | \$ 62,500                  | \$ 3,750  | \$ 5,058  | \$ 2,250  | \$ 3,136 | \$ 1,700  | \$ 2,215  | \$ 6,000  | \$ 7,190  | \$ 15,500 | \$ 14,887 | \$ 5,300  | \$ 5,040  |
| Phase 6        | Unplanned GCCS Repairs/Emergency              | \$ 17,500          | \$ 35,000                  | \$ 7,000  | \$ 6,886  | \$ 2,000  | \$ 2,190 | \$ 500    | \$ 291    | \$ 500    | \$ 402    | \$ 2,000  | \$ 1,775  | \$ 13,000 | \$ 13,133 |
|                | Total Excluding Solar Development             | \$330,600          | \$ 390,431                 | \$47,296  | \$48,865  | \$32,214  | \$27,317 | \$25,814  | \$19,839  | \$35,327  | \$48,672  | \$39,710  | \$38,334  | \$39,610  | \$51,007  |
|                | % Contract Months Complete                    |                    |                            | 8.3%      |           | 16.7%     |          | 25.0%     |           | 33.3%     |           | 41.7%     |           | 50.0%     |           |
|                | % Budget Spent                                |                    |                            | 12.5%     |           | 19.5%     |          | 24.6%     |           | 37.1%     |           | 46.9%     |           | 59.9%     |           |
|                | % Planned Budget Spend                        |                    |                            | 12.1%     |           | 20.4%     |          | 27.0%     |           | 36.0%     |           | 46.2%     |           | 56.3%     |           |

|         |                                   |           |           |          |          |          |          |          |          |          |          |          |          |          |          |
|---------|-----------------------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Phase 4 | Solar Development                 | \$ 35,000 | \$ 35,000 | \$ 2,917 | \$ -     | \$ 2,917 | \$ -     | \$ 2,917 | \$ 712   | \$ -     | \$ 309   | \$ 1,000 | \$ -     | \$ 1,000 | \$ 290   |
|         | Total Including Solar Development | \$365,600 | \$425,431 | \$50,213 | \$48,865 | \$35,131 | \$27,317 | \$28,731 | \$20,551 | \$35,327 | \$48,981 | \$40,710 | \$38,334 | \$40,610 | \$51,297 |

Operational Notes:

January - Phase 1: Prepared dam inspection report and project governance documents including schedule, project planning, and budget tracking. Finalized construction documentation. CAAPP semi-annual and GHG reporting. Phase 2: Corrective action reporting and assessment submittals. Phase 3: GPSD reporting. Phase 5: Timeling updates and meeting. Mine reclamation strategizing, application, and reporting. Phase 6: Installed thermocouples, programming, flare issues.

February - Phase 1: PFAS presentation and project governance documents including schedule, project planning, and budget tracking. Finalized construction documentation. CAAPP semi-annual and GHG reporting. Phase 2: Corrective action reporting and assessment submittals. Phase 3: GPSD reporting. Phase 5: Timeling updates and meeting. Mine reclamation strategizing, application, and reporting. Phase 6: Installed thermocouples, programming, flare issues.

March - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, and budget tracking. CAAPP GHG reporting. Phase 2: Draft denial letter. Phase 3: Leachate pumping several days. Leachate haul. LFG data processing. Phase 4: Communication with solar vendor. Phase 5: Mine reclamation coordination. Compiled information requested by GFL.

April - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, and budget tracking. CAAPP annual emissions/compliance reporting and AER certification. Post-closure care cost estimate preparation. Phase 2: Draft denial response. Annual compliance reporting. Observed increases review. Phase 3: Several days of leachate pumping and pump maintenance. Leachate haul. LFG readings and data processing. GPSD permit renewal. GMD3 assessment reporting. Phase 4: Communication with solar vendor. Phase 5: Underground mine research and coordination. Meeting in Springfield.

Withheld a portion of the Phase 5 work from the April invoice awaiting preparation of a change order. Added invoiced amount back into the spreadsheet after change order was approved. \$774 for April work was invoiced in August.

May - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, and budget tracking. Post-closure care cost estimate preparation. Phase 2: Observed increases review. Phase 3: Several days of leachate pumping and pump maintenance. Leachate haul. LFG readings and data processing. GPSD permit renewal. GMD3 assessment reporting. Phase 5: Contract review and underground mine research and coordination. IEPA meeting.

Withheld Phase 5 work from the April and May invoices awaiting preparation of a change order. Added invoiced amount back into the spreadsheet after change order was approved. \$14,887 for May work was invoiced in August.

June - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, Committee meeting agenda prep. Waste profile reviews. Responded to questions from IEPA regarding air permitting. Phase 2: Observed increases review. GW assessments submittals. Phase 3: Several days of leachate pumping and pump maintenance. Leachate haul. LFG readings and data processing. Liquid level checks. Data collection for new mound model. GPSD permit application. GMD assessment monitoring report review and submittal. Phase 5: Discussions, meetings, coordination, research regarding permit modification, contract, LF#3 transition, underground mine, mine grants, etc. Phase 6: Unplanned repairs: Installation of battery and wind power upgrades to L2 sump, rewired solar system to include new wind turbine generator, troubleshoot issues will hybrid power system, plan development and implementation. Repair well S-6. Serviced/replaced faulty pumps and tubing.

Withheld overages of the Phases 5 and 6 budgets from the April through June invoice amounts awaiting preparation of a change order. Added invoiced amount back into the spreadsheet after change order was approved. \$5,040 (Phase 5) and \$7,226 (Phase 6) for June work was invoiced in August.

July - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, Committee meeting agenda prep, travel for and participation in the Committee meeting. Waste profile reviews. CAAPP and NSPS semi-annual reporting. Phase 2: GW assessments/submittals. GW sampling coordination. Phase 3: LFG readings and data processing. Liquid level checks. Data collection for new mound model. GPSD permit application. Phase 5: Billed up to the budget, which included work done in May. Discussions, meetings, coordination, contract, LF#3 transition, underground mine, mine grants, etc.

Withheld overages of the Phases 5 and 6 budgets from the April through July invoice amounts awaiting preparation of a change order. Added invoiced amount back into the spreadsheet after change order was approved. \$194 (Phase 5) and \$8,072 (Phase 6) for July work was invoiced in August.

August - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, Committee meeting agenda prep, lease agreement update. Waste profile reviews. Phase 2: GW assessments/submittals. GW sampling coordination. Phase 3: LFG readings and data processing. Leachate hauling and coordination. Landfill operations. Monthly gas monitoring. Flare troubleshooting. Phase 5: Billed spend withheld since April related to LF3 expansion/transition - discussions, meetings, coordination, contract, underground mine, mine grants, etc. Phase 6: Billed spend withheld since May related to unplanned repairs including hybrid power system upgrade for LF#2 and other needed maintenance items.

Billed withheld spend for Phases 5 and 6 from the April through July. Added invoiced amounts back into the months in which the work was performed.

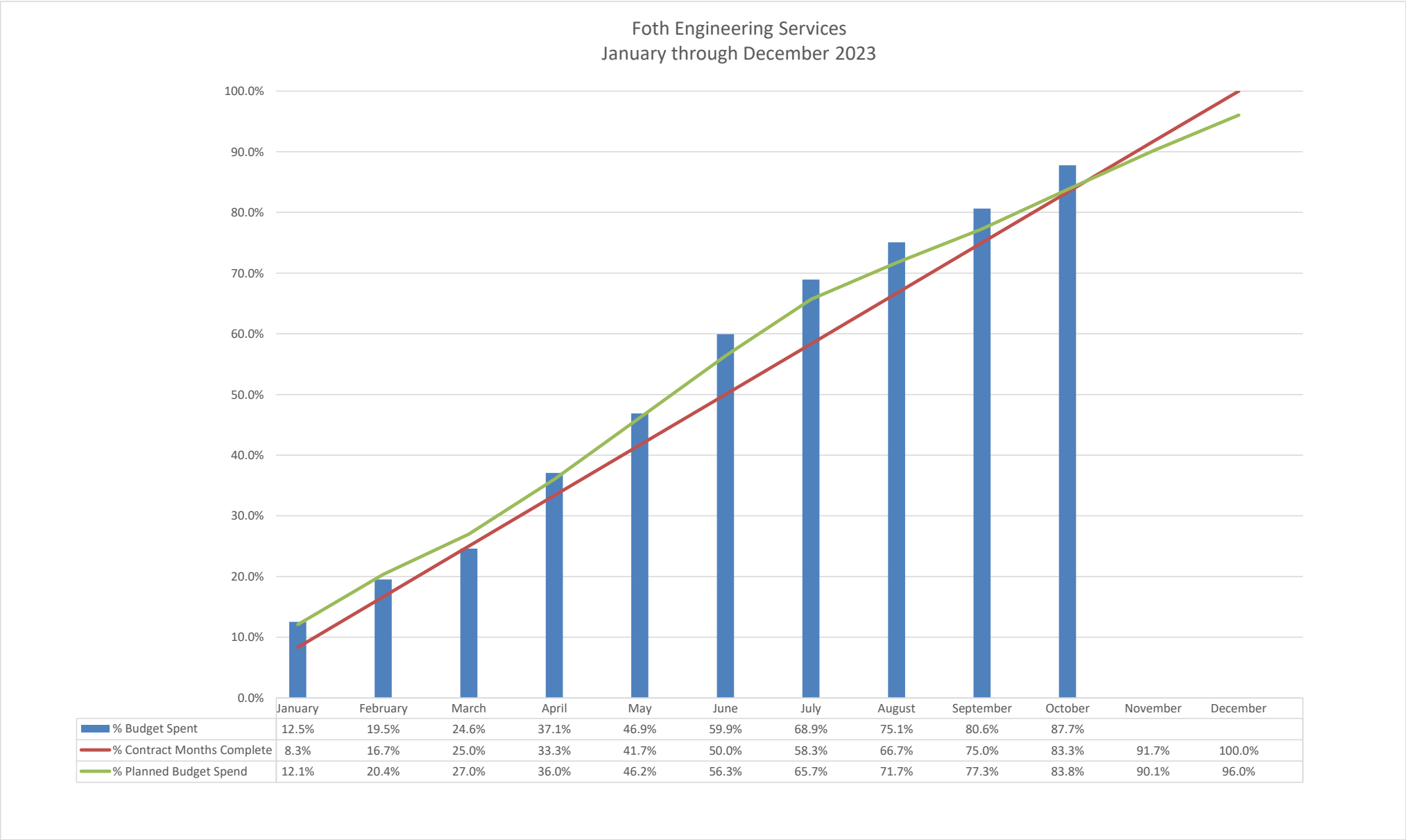
September - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, Committee meeting agenda prep. Waste profile reviews. Budget assistance for FY2024. Dam inspection. IEPA forms and permit review. Phase 2: GW assessments/submittals. GW sampling coordination. Phase 3: LFG readings and data processing. Leachate hauling and coordination. Landfill operations. Monthly gas monitoring. Flare and pump issue troubleshooting. Phase 4: N/A Phase 5: Coordination regarding gob piles. Phase 6: N/A

October - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, Committee meeting agenda prep and attendance. Waste profile reviews. Budget assistance for FY2024. Gate inspection. Phase 2: GW assessments/submittals. GW sampling coordination. Phase 3: LFG readings and data processing. Leachate depth to liquids and sump pumping. Landfill operations. Monthly gas monitoring. Flare and pump issue troubleshooting. Green house gas sampling. Lab sample analysis. Phase 4: Meetings regarding solar RFQ. Reviewed information from GPSD. Phase 5: Coordination regarding mine investigation. Contract items with GFL. Phase 6: Leachate seep investigation.

Foth Infrastructure & Environment, LLC  
23P300.00 - Engineering Services January - December 2023  
Joint City and County of Peoria Landfill Committee

|                |                                               | July      |           | August    |          | September |           | October   |           | November |        | December |        | YTD TOTAL  |            |            |
|----------------|-----------------------------------------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|--------|----------|--------|------------|------------|------------|
| Phase/<br>Task | Description                                   | Budget    | Actual    | Budget    | Actual   | Budget    | Actual    | Budget    | Actual    | Budget   | Actual | Budget   | Actual | Budget     | Actual     | % Complete |
| Phase 1        | General Compliance and Guidance               | \$ 13,400 | \$ 14,703 | \$ 8,400  | \$ 8,582 | \$ 7,400  | \$ 5,905  | \$ 8,600  | \$ 8,296  | \$ 8,800 | \$ -   | \$ 8,800 | \$ -   | \$ 124,075 | \$ 103,535 | 83%        |
| Phase 2        | Groundwater Support and Data Review           | \$ 1,885  | \$ 1,648  | \$ 1,985  | \$ 3,971 | \$ 1,985  | \$ 2,047  | \$ 85     | \$ 105    | \$ 1,185 | \$ -   | \$ 1,185 | \$ -   | \$ 30,492  | \$ 29,960  | 98%        |
| Phase 3        | Gas System and Leachate Management Operations | \$ 9,210  | \$ 7,340  | \$ 11,143 | \$ 9,963 | \$ 11,356 | \$ 13,056 | \$ 12,443 | \$ 14,643 | \$ 7,037 | \$ -   | \$ 6,037 | \$ -   | \$ 138,364 | \$ 128,594 | 93%        |
| Phase 5        | Landfill No. 2 and No. 3 Expansion/Transition | \$ 4,000  | \$ 3,289  | \$ 2,000  | \$ 1,464 | \$ 1,000  | \$ 678    | \$ 3,500  | \$ 3,251  | \$ 7,200 | \$ -   | \$ 7,000 | \$ -   | \$ 62,500  | \$ 46,209  | 74%        |
| Phase 6        | Unplanned GCCS Repairs/Emergency              | \$ 8,000  | \$ 8,072  | \$ -      | \$ -     | \$ -      | \$ -      | \$ 650    | \$ 1,529  | \$ 700   | \$ -   | \$ -     | \$ -   | \$ 35,000  | \$ 34,276  | 98%        |
|                | Total Excluding Solar Development             | \$36,495  | \$35,053  | \$23,528  | \$23,979 | \$21,741  | \$21,686  | \$25,278  | \$27,823  | \$24,921 | \$0    | \$23,021 | \$0    | \$ 390,431 | \$ 342,575 | 88%        |
|                | % Contract Months Complete                    | 58.3%     |           | 66.7%     |          | 75.0%     |           | 83.3%     |           | 91.7%    |        | 100.0%   |        |            |            |            |
|                | % Budget Spent                                | 68.9%     |           | 75.1%     |          | 80.6%     |           | 87.7%     |           | 87.7%    |        | 87.7%    |        |            |            |            |
|                | % Planned Budget Spend                        | 65.7%     |           | 71.7%     |          | 77.3%     |           | 83.8%     |           | 90.1%    |        | 96.0%    |        |            |            |            |

|         |                                   |          |          |          |          |          |          |          |          |          |      |          |      |            |            |     |
|---------|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|------|------------|------------|-----|
| Phase 4 | Solar Development                 | \$ 1,000 | \$ -     | \$ 1,000 | \$ 290   | \$ 500   | \$ 194   | \$ 1,500 | \$ 1,044 | \$ 5,000 | \$ - | \$ 4,000 | \$ - | \$ 35,000  | \$ 2,840   | 8%  |
|         | Total Including Solar Development | \$37,495 | \$35,053 | \$24,528 | \$24,270 | \$22,241 | \$21,879 | \$26,778 | \$28,868 | \$29,921 | \$0  | \$27,021 | \$0  | \$ 425,431 | \$ 345,416 | 81% |

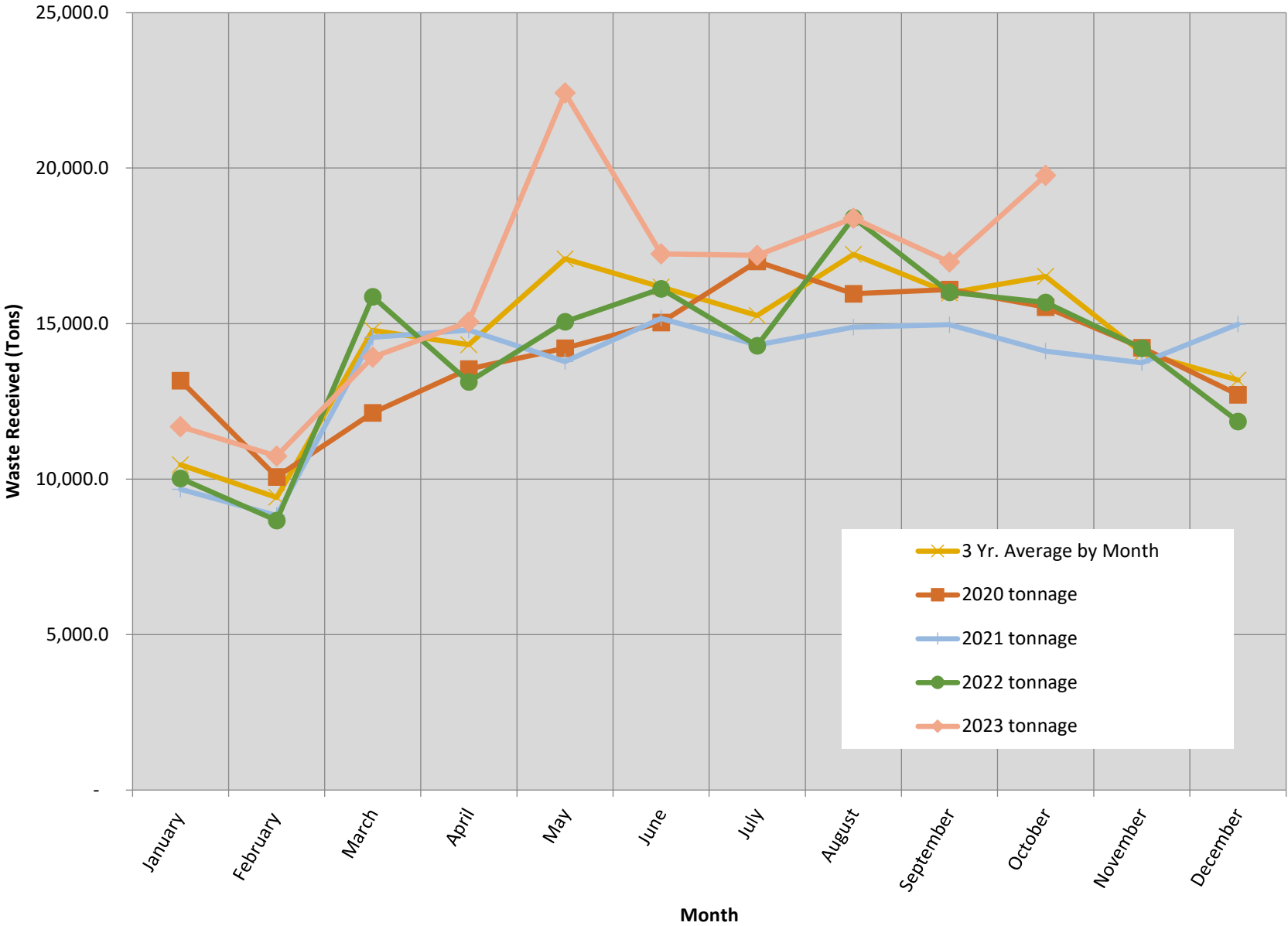


**Waste Received by Month PCCL Landfill No 2**

| Month               | 2016 Tonnage      | 2017 Tonnage      | 2018 Tonnage      | 2019 Tonnage      | 2020 tonnage      | 2021 tonnage      | 2022 tonnage      | 2023 tonnage      | 5 Yr. Average by Month | 3 Yr. Average by Month | 2 Yr. Average by Month |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------|------------------------|------------------------|
| January             | 13,255.78         | 16,148.43         | 11,730.59         | 12,199.76         | 13,168.18         | 9,667.53          | 10,021.13         | 11,682.50         | 11,347.8               | 10,457.1               | 10,851.8               |
| February            | 14,992.00         | 11,959.48         | 12,244.04         | 9,746.12          | 10,070.59         | 8,832.31          | 8,670.38          | 10,740.68         | 9,612.0                | 9,414.5                | 9,705.5                |
| March               | 15,881.57         | 14,204.13         | 14,516.49         | 12,533.33         | 12,128.74         | 14,559.55         | 15,860.15         | 13,919.72         | 13,800.3               | 14,779.8               | 14,889.9               |
| April               | 16,231.71         | 14,883.60         | 14,573.51         | 15,014.76         | 13,541.53         | 14,791.33         | 13,123.26         | 15,055.70         | 14,305.3               | 14,323.4               | 14,089.5               |
| May                 | 17,708.52         | 18,306.44         | 17,568.27         | 16,560.81         | 14,209.21         | 13,779.53         | 15,056.74         | 22,416.18         | 16,404.5               | 17,084.2               | 18,736.5               |
| June                | 17,890.95         | 19,901.95         | 16,896.60         | 15,267.88         | 15,037.75         | 15,171.04         | 16,120.02         | 17,242.79         | 15,767.9               | 16,178.0               | 16,681.4               |
| July                | 15,088.31         | 17,685.91         | 16,116.44         | 15,569.30         | 17,000.88         | 14,309.57         | 14,284.38         | 17,192.91         | 15,671.4               | 15,262.3               | 15,738.6               |
| August              | 17,744.07         | 20,548.26         | 16,445.70         | 16,690.04         | 15,963.12         | 14,881.66         | 18,405.77         | 18,390.25         | 16,866.2               | 17,225.9               | 18,398.0               |
| September           | 18,890.92         | 18,155.15         | 14,809.20         | 13,953.48         | 16,095.09         | 14,965.24         | 16,009.40         | 16,979.15         | 15,600.5               | 15,984.6               | 16,494.3               |
| October             | 16,091.54         | 17,772.77         | 16,235.75         | 19,289.83         | 15,531.79         | 14,112.35         | 15,684.03         | 19,761.08         | 16,875.8               | 16,519.2               | 17,722.6               |
| November            | 14,459.79         | 17,273.03         | 13,895.01         | 18,263.39         | 14,222.22         | 13,741.19         | 14,207.94         |                   | 14,866.0               | 14,057.1               | 13,974.6               |
| December            | 13,168.40         | 12,764.20         | 12,208.30         | 14,534.79         | 12,708.54         | 14,983.92         | 11,853.62         |                   | 13,257.8               | 13,182.0               | 13,418.8               |
| <b>Total</b>        | <b>191,403.56</b> | <b>199,603.35</b> | <b>177,239.90</b> | <b>179,623.49</b> | <b>169,677.64</b> | <b>163,795.22</b> | <b>169,296.82</b> | <b>163,380.96</b> | <b>174,375.49</b>      | <b>174,467.92</b>      | <b>180,701.45</b>      |
| General MSW         | 182,787.68        | 187,239.69        | 173,804.02        | 161,919.10        | 161,970.42        | 159,145.96        | 160,305.60        | 149,296.85        |                        |                        |                        |
| Profiled Waste Tons | 8,615.88          | 12,363.66         | 3,435.88          | 17,704.39         | 7,707.22          | 4,649.26          | 8,991.22          | 14,084.11         |                        |                        |                        |

5-yr, 3-yr, and 2-yr averages include 2023 tonnage where data is available.

Waste Received by Month





## REQUEST FOR DISCUSSION

**To:** Peoria City/County Landfill Committee Members

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

**AGENDA DATE REQUESTED:** November 15, 2023

**ACTION REQUESTED:** Approval for Chairman Morris' Signature

- 405-CAAPP Form for a Flare Shutdown that Exceeded the One Hour Duration

**BACKGROUND:**

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:**



## REQUEST FOR DISCUSSION

**To: Peoria City/County Landfill Committee Members**

**From: Mark Williams and Tara Van Hoof, P.E.; Foth Infrastructure and Environment, LLC**

**Agenda Date Requested:** November 15, 2023

**ACTION REQUESTED:** Receive and file five pre-approved waste profiles (637196IL, 637239IL, 637306IL, 637344IL, and 637537IL).

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

1. Profile 637196L from BTM Manufacturing, Inc. was pre-approved per the Contaminated Soil and Debris Policy.
2. Profile 637239IL from BP Products North America, Inc. was pre-approved per the Contaminated Soil and Debris Policy.
3. Profile 637306IL from Cargill was pre-approved per the Treated Wood Weathered Policy.
4. Profile 637344IL from Greenbrier Castings was pre-approved per Contaminated Soil and Debris Policy.
5. Profile 637537IL from Ameren Alta Substation was pre-approved per the Non-Contaminated Soil and Debris Policy

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

**FINANCIAL IMPACT:** The waste profiles are expected to generate approximately \$4,823.50 host fees.

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

November 15, 2023

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

CC: Rick Powers, 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 streams.

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

- BTD Manufacturing, Inc., Profile 637196IL
  - Contaminated Soil and Debris Policy
  - 20 yards, one-time
  - Estimated Host Fee – \$82.50
- BP Products North America, Inc., Profile 637239IL
  - Contaminated Soil and Debris Policy
  - 1100 yards, one-time
  - Estimated Host Fee – \$4537.50
- Cargill, Profile 637306IL
  - Treated Wood Weathered Policy
  - 40 yards, one-time
  - Estimated Host Fee – \$165.00
- Greenbrier Castings, Profile 637344IL
  - Contaminated Soil and Debris Policy
  - 12 tons, one time
  - Estimated Host Fee – \$33.00

- Ameren Alta Substation, Profile 637537IL
  - Non-Contaminated Soil and Debris Policy
  - 2 tons, one-time
  - Estimated Host Fee – \$5.50

See attached profile sheets and associated laboratory reports and SDSs.

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.



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 637196IL  
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: \_\_\_\_\_

**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

1. Generator Name: BTD Manufacturing, Inc.  
2. Generator Site Address: 118 Muller Road  
(City, State, ZIP) Washington IL 61571  
3. County: Tazewell  
4. Contact Name: Erik Force  
5. Email: erik.force@btdmfg.com  
6. Phone: (309) 360-0698 7. Fax: \_\_\_\_\_  
8. Generator EPA ID: \_\_\_\_\_ ☒ N/A  
9. State ID: \_\_\_\_\_ ☒ N/A

**C. MATERIAL INFORMATION**

1. Common Name: Petroleum Contaminated Soil  
Describe Process(es) Generating Material: ☐ See Attached  

Excavation in utility trench, no known source of the petroleum appears to be historic spill or something similar. We do not have any analytical data at this point. Awaiting your guidance.

  
2. Material Composition and Contaminants: ☒ See Attached  

|                                                   |       |
|---------------------------------------------------|-------|
| 1. <u>Petroleum contaminated soil</u>             | 100 % |
| 2. _____                                          |       |
| 3. _____                                          |       |
| 4. _____                                          |       |
| Total comp. must be equal to or greater than 100% | ≥100% |

  
3. State Waste Codes: \_\_\_\_\_ ☒ N/A  
4. Color: Brown/black  
5. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: \_\_\_\_\_  
6. Free Liquid Range Percentage: 0 to 0 ☐ N/A  
7. pH: 5 to 9 ☐ N/A  
8. Strong Odor: ☒ Yes ☐ No Describe: Smells like petroleum  
9. Flash Point: ☐ <140°F ☐ 140°-199°F ☐ ≥200° ☒ N/A

**E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION**

1. Analytical attached ☒ Yes  
Please identify Lab Report(s) and list specific representative Sample ID#s:  

Pace Analytical Work Order GJ00147 dated 10/12/2023

  
2. Other information attached (such as SDS)? ☒ Yes

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

By signing this Waste Management ("WM") Profile, 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 WM prior to providing the material to WM. I am aware that there are significant penalties for knowingly submitting false information.

- ☒ I am authorized to sign 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.  
☐ I am a duly authorized employee of Generator holding a position of technical responsibility with direct knowledge of the waste stream and the information contained in this profile, and I confirm that information contained in this profile, as well as supporting documents are accurate and complete.

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

**B. BILLING INFORMATION** ☒ SAME AS GENERATOR

1. Billing Name: BTD Manufacturing, Inc.  
2. Billing Address: 118 Muller Road  
(City, State, ZIP) Washington IL 61571  
3. Contact Name: Erik Force  
4. Email: erik.force@btdmfg.com  
5. Phone: (309) 360-0698 6. Fax: \_\_\_\_\_  
7. P.O. Number: \_\_\_\_\_  
8. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

**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. Does the material contain benzene? ☒ Yes\* ☐ No  
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes\* ☒ No  
7. CERCLA or State-mandated clean-up? ☐ Yes\* ☒ No  
8. NRC, State-regulated, NORM or TENORM 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? ☐ Yes ☐ No  
c. Were PCBs 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  
12. Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

**F. SHIPPING AND DOT INFORMATION**

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business  
2. Estimated Annual Quantity/Unit of Measure: 20  
☐ Tons ☒ Yards ☐ Drums ☐ Gallons ☐ Other \_\_\_\_\_  
3. Container Type and Size: Dumpster  
4. USDOT Proper Shipping Name ☒ N/A  
5. Estimated Start Date 09/29/2023  
6. Transportation Needed? ☒ Yes\* ☐ No

Name (Print): John Lichter  
Title: PE  
Company: Carlson McCain, Inc.  
Date: 10/12/2023

**Certification Signature**

  
7-920609e...





# Additional Profile Information

Profile Number: 6371961L

## F. SHIPPING AND DOT INFORMATION

4. USDOT Proper Shipping & Technical Name (Continued from page 1):

|     |                              |
|-----|------------------------------|
| 2.  | <input type="checkbox"/> N/A |
| 3.  | <input type="checkbox"/> N/A |
| 4.  | <input type="checkbox"/> N/A |
| 5.  | <input type="checkbox"/> N/A |
| 6.  | <input type="checkbox"/> N/A |
| 7.  | <input type="checkbox"/> N/A |
| 8.  | <input type="checkbox"/> N/A |
| 9.  | <input type="checkbox"/> N/A |
| 10. | <input type="checkbox"/> N/A |
| 11. | <input type="checkbox"/> N/A |
| 12. | <input type="checkbox"/> N/A |
| 13. | <input type="checkbox"/> N/A |
| 14. | <input type="checkbox"/> N/A |
| 15. | <input type="checkbox"/> N/A |
| 16. | <input type="checkbox"/> N/A |
| 17. | <input type="checkbox"/> N/A |
| 18. | <input type="checkbox"/> N/A |
| 19. | <input type="checkbox"/> N/A |
| 20. | <input type="checkbox"/> N/A |
| 21. | <input type="checkbox"/> N/A |
| 22. | <input type="checkbox"/> N/A |
| 23. | <input type="checkbox"/> N/A |
| 24. | <input type="checkbox"/> N/A |
| 25. | <input type="checkbox"/> N/A |
| 26. | <input type="checkbox"/> N/A |
| 27. | <input type="checkbox"/> N/A |
| 28. | <input type="checkbox"/> N/A |
| 29. | <input type="checkbox"/> N/A |
| 30. | <input type="checkbox"/> N/A |
| 31. | <input type="checkbox"/> N/A |
| 32. | <input type="checkbox"/> N/A |
| 33. | <input type="checkbox"/> N/A |
| 34. | <input type="checkbox"/> N/A |
| 35. | <input type="checkbox"/> N/A |
| 36. | <input type="checkbox"/> N/A |
| 37. | <input type="checkbox"/> N/A |
| 38. | <input type="checkbox"/> N/A |
| 39. | <input type="checkbox"/> N/A |
| 40. | <input type="checkbox"/> N/A |

7. Transportation Requested: ☒ WM Hauled ☐ Third Party

8. Contact Name: Erik Force

9. Email: erik.force@btdmfg.com



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

**F. Additional Waste Stream Information**

Profile Number: 637196IL

Generators Name: BTD Manufacturing, Inc.

Generators SITE Address: 118 Muller Road Washington IL 61571  
(The location where the waste is generated)

Waste Name: Petroleum Contaminated 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)?                                                                          | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2. A Hazardous Waste as defined in 40 CFR 261 or in 35 IAC 722.111?                                                        | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 3. A Liquid Waste (fails the paint filter test as defined in 35 IAC 811.107)?                                              | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 4. A regulated PCB waste as defined in 40 CFR 761?                                                                         | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5. A NESHAP regulated asbestos waste other than waste from renovation or demolition?                                       | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 6. A waste resulting from the shredding recyclable metals (auto fluff)?                                                    | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 7. A delisted Hazardous Waste or Treated Characteristic Hazardous Waste, subject to LDR requirements under 35 IAC 728.107? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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):

Visual observation

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):

Past Knowledge

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) John Lichter Title: PE

Signature: John Lichter Date: 10/12/2023



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 637239IL  
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: \_\_\_\_\_

**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

- Generator Name: BP Products North America, Inc.
- Generator Site Address: 371 Old Germantown Road  
(City, State, ZIP) Metamora IL 61548
- County: Woodford
- Contact Name: James Jacobsen
- Email: James.Jacobsen@arcadis.com
- Phone: (916) 865-3144 7. Fax: \_\_\_\_\_
- Generator EPA ID: \_\_\_\_\_ ☒ N/A
- State ID: \_\_\_\_\_ ☒ N/A

**C. MATERIAL INFORMATION**

- Common Name: Gasoline impacted soil  
Describe Process(es) Generating Material: ☐ See Attached  

Former Amoco Service Station #9515 soil removal project. IEMA #930041 and 983090
- Material Composition and Contaminants: ☐ See Attached

|                                                   |         |
|---------------------------------------------------|---------|
| 1. Soil                                           | 99.99 % |
| 2. Unleaded Gasoline                              | .01 %   |
| 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: \_\_\_\_\_ 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 Lab Report(s) and list specific representative Sample ID#s:
- Other information attached (such as SDS)? ☒ Yes

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

By signing this Waste Management ("WM") Profile, 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 WM prior to providing the material to WM. I am aware that there are significant penalties for knowingly submitting false information.

- ☒ I am authorized to sign 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.
- ☐ I am a duly authorized employee of Generator holding a position of technical responsibility with direct knowledge of the waste stream and the information contained in this profile, and I confirm that information contained in this profile, as well as supporting documents are accurate and complete.

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

**B. BILLING INFORMATION**☐ SAME AS GENERATOR

- Billing Name: RW Collins Co
- Billing Address: 7225 W 66th Street  
(City, State, ZIP) Chicago IL 60638
- Contact Name: Josh Bernat
- Email: josh@rwcollins.com
- Phone: (708) 458-6868 6. Fax: \_\_\_\_\_
- P.O. Number: \_\_\_\_\_
- Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

**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
  - Does the material contain benzene? ☐ Yes\* ☒ No
  - Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes\* ☒ No
  - CERCLA or State-mandated clean-up? ☐ Yes\* ☒ No
  - NRC, State-regulated, NORM or TENORM 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? ☐ Yes ☐ No
    - Were PCBs 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
  - Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

**F. SHIPPING AND DOT INFORMATION**

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Annual Quantity/Unit of Measure: 1100  
☐ Tons ☒ Yards ☐ Drums ☐ Gallons ☐ Other \_\_\_\_\_
- Container Type and Size: Semi-Dump
- USDOT Proper Shipping Name ☒ N/A
- Estimated Start Date 10/16/2023
- Transportation Needed? ☐ Yes\* ☒ No

Name (Print): James M. Jacobsen, P.G.  
Title: Certified Project Manager  
Company: Arcadis U.S., Inc.  
Date: 10/5/2023

**Certification Signature**

On Behalf of BP Products North America, Inc.



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

Profile Number: 6372391L

## 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.

e. Form Code:

f. Source Code:

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. a. Are you an industry regulated under Benzene NESHAP? (Petroleum refineries, chemical manufacturing plants, coke by-product, and TSDFs.)

☐ Yes ☐ No

b. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue.

☐ Yes ☐ No

c. What is the flow weighted average benzene concentration?

\_\_\_\_\_ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

e. Is this waste soil from a remediation?

☐ Yes ☐ No

1. If yes, what is the benzene concentration in remediation waste?

\_\_\_\_\_ ppmw

f. Does the waste contain >10% water/moisture?

☐ Yes ☐ No

g. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw?

☐ Yes ☐ No

h. Is material exempt from controls in accordance with 40 CFR 61.342?

☐ Yes ☐ No

→ If yes, specify exemption: \_\_\_\_\_

i. 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, State-regulated radioactive, NORM or TENORM? →

a. Please select all that apply:

☐ Nuclear Regulatory Commission (NRC) Radioactive

☐ Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

☐ State-Regulated Radioactive

☐ Naturally Occurring Radioactive Material

b. Testing, per individual waste stream, for applicable isotopes and/or other supporting information attached?

☐ Yes ☐ No



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

**F. Additional Waste Stream Information**

Profile Number: 637239IL

Generators Name: BP Products North America, Inc.

Generators SITE Address: 371 Old Germantown Road Metamora IL 61548  
(The location where the waste is generated)

Waste Name: Gasoline impacted 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)?                                                                          | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2. A Hazardous Waste as defined in 40 CFR 261 or in 35 IAC 722.111?                                                        | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 3. A Liquid Waste (fails the paint filter test as defined in 35 IAC 811.107)?                                              | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 4. A regulated PCB waste as defined in 40 CFR 761?                                                                         | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5. A NESHAP regulated asbestos waste other than waste from renovation or demolition?                                       | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 6. A waste resulting from the shredding recyclable metals (auto fluff)?                                                    | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 7. A delisted Hazardous Waste or Treated Characteristic Hazardous Waste, subject to LDR requirements under 35 IAC 728.107? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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) James M. Jacobsen, P.G. Title: Certified Project Manager  
On Behalf of BP Products North America, Inc.

Signature:  Date: 10/5/2023



Requested Facility: **Peoria City - County Landfill** ☐ Unsure Profile Number: **637306IL**  
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: \_\_\_\_\_

**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

1. Generator Name: **Cargill**  
2. Generator Site Address: **115 Euclid Ave**  
(City, State, ZIP) **Bloomington IL 61701**  
3. County: **McLean**  
4. Contact Name: **David Carmona**  
5. Email: **dcarmona@railworks.cm**  
6. Phone: **(815) 315-7496** 7. Fax: **(815) 521-3344**  
8. Generator EPA ID: \_\_\_\_\_ ☒ N/A  
9. State ID: \_\_\_\_\_ ☒ N/A

**C. MATERIAL INFORMATION**

1. Common Name: **Treated Wood - Weathered**  
Describe Process(es) Generating Material: ☐ See Attached  
**Old Railroad Ties**  
2. Material Composition and Contaminants: ☐ See Attached  

|                                                   |              |
|---------------------------------------------------|--------------|
| 1. <b>Railroad Ties</b>                           | <b>100 %</b> |
| 2.                                                |              |
| 3.                                                |              |
| 4.                                                |              |
| Total comp. must be equal to or greater than 100% | <b>≥100%</b> |

  
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 Lab Report(s) and list specific representative Sample ID#s:  
  
2. Other information attached (such as SDS)? ☐ Yes

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

By signing this Waste Management ("WM") Profile, 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 WM prior to providing the material to WM. I am aware that there are significant penalties for knowingly submitting false information.

- ☒ I am authorized to sign 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.  
☐ I am a duly authorized employee of Generator holding a position of technical responsibility with direct knowledge of the waste stream and the information contained in this profile, and I confirm that information contained in this profile, as well as supporting documents are accurate and complete.

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

**B. BILLING INFORMATION** ☐ SAME AS GENERATOR

1. Billing Name: **Railworks Track Services, LLC**  
2. Billing Address: **83 Central Ave**  
(City, State, ZIP) **Farmingdale NY 11735**  
3. Contact Name: **Accounts Payable**  
4. Email: **servicesapinquiry@railworks.com**  
5. Phone: **(330) 314-0566** 6. Fax: \_\_\_\_\_  
7. P.O. Number: **4080123710**  
8. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

**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. Does the material contain benzene? ☐ Yes\* ☒ No  
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes\* ☒ No  
7. CERCLA or State-mandated clean-up? ☐ Yes\* ☒ No  
8. NRC, State-regulated, NORM or TENORM 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? ☐ Yes ☐ No  
c. Were PCBs 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  
12. Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

**F. SHIPPING AND DOT INFORMATION**

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business  
2. Estimated Annual Quantity/Unit of Measure: **40**  
☐ Tons ☒ Yards ☐ Drums ☐ Gallons ☐ Other \_\_\_\_\_  
3. Container Type and Size: **2 20 yard dumpsters**  
4. USDOT Proper Shipping Name ☒ N/A  
5. Estimated Start Date **10/12/2023**  
6. Transportation Needed? ☒ Yes\* ☐ No

Name (Print): **Nicole Bray**  
Title: **Admin**  
Company: **Railworks Track Services**  
Date: **10/10/2023**

**Certification Signature**

*Nicole Bray*



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: 6373061L

## 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.

e. Form Code:

f. Source Code:

### 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:

Old Creosote

5. a. Are you an industry regulated under Benzene NESHAP? (Petroleum refineries, chemical manufacturing plants, coke by-product, and TSDFs.)

☐ Yes ☐ No

b. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue.

☐ Yes ☐ No

c. What is the flow weighted average benzene concentration?

ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

e. Is this waste soil from a remediation?

☐ Yes ☐ No

1. If yes, what is the benzene concentration in remediation waste?

ppmw

f. Does the waste contain >10% water/moisture?

☐ Yes ☐ No

g. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw?

☐ Yes ☐ No

h. Is material exempt from controls in accordance with 40 CFR 61.342?

☐ Yes ☐ No

→ If yes, specify exemption:

i. 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, State-regulated radioactive, NORM or TENORM? →

a. Please select all that apply:

☐ Nuclear Regulatory Commission (NRC) Radioactive

☐ Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

☐ State-Regulated Radioactive

☐ Naturally Occurring Radioactive Material

b. Testing, per individual waste stream, for applicable isotopes and/or other supporting information attached?

☐ Yes ☐ No



# Additional Profile Information

Profile Number: 6373061L

## F. SHIPPING AND DOT INFORMATION

4. USDOT Proper Shipping & Technical Name (Continued from page 1):

|     |                              |
|-----|------------------------------|
| 2.  | <input type="checkbox"/> N/A |
| 3.  | <input type="checkbox"/> N/A |
| 4.  | <input type="checkbox"/> N/A |
| 5.  | <input type="checkbox"/> N/A |
| 6.  | <input type="checkbox"/> N/A |
| 7.  | <input type="checkbox"/> N/A |
| 8.  | <input type="checkbox"/> N/A |
| 9.  | <input type="checkbox"/> N/A |
| 10. | <input type="checkbox"/> N/A |
| 11. | <input type="checkbox"/> N/A |
| 12. | <input type="checkbox"/> N/A |
| 13. | <input type="checkbox"/> N/A |
| 14. | <input type="checkbox"/> N/A |
| 15. | <input type="checkbox"/> N/A |
| 16. | <input type="checkbox"/> N/A |
| 17. | <input type="checkbox"/> N/A |
| 18. | <input type="checkbox"/> N/A |
| 19. | <input type="checkbox"/> N/A |
| 20. | <input type="checkbox"/> N/A |
| 21. | <input type="checkbox"/> N/A |
| 22. | <input type="checkbox"/> N/A |
| 23. | <input type="checkbox"/> N/A |
| 24. | <input type="checkbox"/> N/A |
| 25. | <input type="checkbox"/> N/A |
| 26. | <input type="checkbox"/> N/A |
| 27. | <input type="checkbox"/> N/A |
| 28. | <input type="checkbox"/> N/A |
| 29. | <input type="checkbox"/> N/A |
| 30. | <input type="checkbox"/> N/A |
| 31. | <input type="checkbox"/> N/A |
| 32. | <input type="checkbox"/> N/A |
| 33. | <input type="checkbox"/> N/A |
| 34. | <input type="checkbox"/> N/A |
| 35. | <input type="checkbox"/> N/A |
| 36. | <input type="checkbox"/> N/A |
| 37. | <input type="checkbox"/> N/A |
| 38. | <input type="checkbox"/> N/A |
| 39. | <input type="checkbox"/> N/A |
| 40. | <input type="checkbox"/> N/A |

7. Transportation Requested: ☒ WM Hauled ☐ Third Party

8. Contact Name: David Carmona

9. Email: dcarmona@railworks.com



Requested Facility: **Peoria City - County Landfill** ☐ Unsure Profile Number: **637344IL**  
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: \_\_\_\_\_

**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

- Generator Name: **Greenbrier Castings**
- Generator Site Address: **15 LELAND ST**  
(City, State, ZIP) **PEORIA IL 61602-1818**
- County: **Peoria**
- Contact Name: **Rosa Huff**
- Email: **rosa.huff@gbrx.com**
- Phone: **(309) 671-9109** 7. Fax: \_\_\_\_\_
- Generator EPA ID: \_\_\_\_\_ ☒ N/A
- State ID: \_\_\_\_\_ ☒ N/A

**C. MATERIAL INFORMATION**

- Common Name: **Contaminated Soil**  
Describe Process(es) Generating Material: ☐ See Attached  
**Soil removed from former burn pit. Items burned, wood, and pallets. Based on the age of the facility, there is some suspicion of old rail ties.**
- Material Composition and Contaminants: ☐ See Attached

|                                                   |       |
|---------------------------------------------------|-------|
| 1. Soil                                           | 98 %  |
| 2. Wood                                           | 1 %   |
| 3. Non-Organic                                    | 1 %   |
| 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: **5.3** to **5.8** ☐ 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 Lab Report(s) and list specific representative Sample ID#s:  
**TCLP Sample conducted by Pace Labs in May 2023. Pace GEG00116**
- Other information attached (such as SDS)? ☐ Yes

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

By signing this Waste Management ("WM") Profile, 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 WM prior to providing the material to WM. I am aware that there are significant penalties for knowingly submitting false information.

- ☒ I am authorized to sign 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.
- ☐ I am a duly authorized employee of Generator holding a position of technical responsibility with direct knowledge of the waste stream and the information contained in this profile, and I confirm that information contained in this profile, as well as supporting documents are accurate and complete.

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

**B. BILLING INFORMATION**☒ SAME AS GENERATOR

- Billing Name: **Greenbrier Castings**
- Billing Address: **15 LELAND ST**  
(City, State, ZIP) **PEORIA IL 61602-1818**
- Contact Name: **Rosa Huff**
- Email: **rosa.huff@gbrx.com**
- Phone: **(309) 671-9109** 6. Fax: \_\_\_\_\_
- P.O. Number: \_\_\_\_\_
- Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

**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
- Does the material contain benzene? ☐ Yes\* ☒ No
- Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes\* ☒ No
- CERCLA or State-mandated clean-up? ☐ Yes\* ☒ No
- NRC, State-regulated, NORM or TENORM 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? ☐ Yes ☐ No
  - Were PCBs 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
- Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

**F. SHIPPING AND DOT INFORMATION**

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Annual Quantity/Unit of Measure: **12**  
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other \_\_\_\_\_
- Container Type and Size: \_\_\_\_\_
- USDOT Proper Shipping Name ☒ N/A
- Estimated Start Date **10/17/2023**
- Transportation Needed? ☒ Yes\* ☐ No

Name (Print): **Rosa Huff**  
Title: **Plant Manager**  
Company: **Greenbrier Castings**  
Date: **10/17/2023**

Certification Signature

*Rosa Huff*



# Additional Profile Information

Profile Number: 6373441L

## F. SHIPPING AND DOT INFORMATION

4. USDOT Proper Shipping & Technical Name (Continued from page 1):

|     |                              |
|-----|------------------------------|
| 2.  | <input type="checkbox"/> N/A |
| 3.  | <input type="checkbox"/> N/A |
| 4.  | <input type="checkbox"/> N/A |
| 5.  | <input type="checkbox"/> N/A |
| 6.  | <input type="checkbox"/> N/A |
| 7.  | <input type="checkbox"/> N/A |
| 8.  | <input type="checkbox"/> N/A |
| 9.  | <input type="checkbox"/> N/A |
| 10. | <input type="checkbox"/> N/A |
| 11. | <input type="checkbox"/> N/A |
| 12. | <input type="checkbox"/> N/A |
| 13. | <input type="checkbox"/> N/A |
| 14. | <input type="checkbox"/> N/A |
| 15. | <input type="checkbox"/> N/A |
| 16. | <input type="checkbox"/> N/A |
| 17. | <input type="checkbox"/> N/A |
| 18. | <input type="checkbox"/> N/A |
| 19. | <input type="checkbox"/> N/A |
| 20. | <input type="checkbox"/> N/A |
| 21. | <input type="checkbox"/> N/A |
| 22. | <input type="checkbox"/> N/A |
| 23. | <input type="checkbox"/> N/A |
| 24. | <input type="checkbox"/> N/A |
| 25. | <input type="checkbox"/> N/A |
| 26. | <input type="checkbox"/> N/A |
| 27. | <input type="checkbox"/> N/A |
| 28. | <input type="checkbox"/> N/A |
| 29. | <input type="checkbox"/> N/A |
| 30. | <input type="checkbox"/> N/A |
| 31. | <input type="checkbox"/> N/A |
| 32. | <input type="checkbox"/> N/A |
| 33. | <input type="checkbox"/> N/A |
| 34. | <input type="checkbox"/> N/A |
| 35. | <input type="checkbox"/> N/A |
| 36. | <input type="checkbox"/> N/A |
| 37. | <input type="checkbox"/> N/A |
| 38. | <input type="checkbox"/> N/A |
| 39. | <input type="checkbox"/> N/A |
| 40. | <input type="checkbox"/> N/A |

7. Transportation Requested: ☒ WM Hauled ☐ Third Party

8. Contact Name: Rosa Huff

9. Email: rosa.huff@gbx.com



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

**F. Additional Waste Stream Information**

Profile Number: 637344IL

Generators Name: Greenbrier Castings

Generators SITE Address: 15 LELAND ST PEORIA IL 61602-1818  
(The location where the waste is generated)

Waste Name: Contaminated 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)?                                                                          | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 2. A Hazardous Waste as defined in 40 CFR 261 or in 35 IAC 722.111?                                                        | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 3. A Liquid Waste (fails the paint filter test as defined in 35 IAC 811.107)?                                              | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 4. A regulated PCB waste as defined in 40 CFR 761?                                                                         | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 5. A NESHAP regulated asbestos waste other than waste from renovation or demolition?                                       | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 6. A waste resulting from the shredding recyclable metals (auto fluff)?                                                    | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| 7. A delisted Hazardous Waste or Treated Characteristic Hazardous Waste, subject to LDR requirements under 35 IAC 728.107? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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) Rosa Huff Title: Plant Manager

Signature: Rosa Huff Date: 10/17/2023



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 637537IL  
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: \_\_\_\_\_

**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

1. Generator Name: Ameren Alta Substation  
2. Generator Site Address: 4223 W Alta Lane  
(City, State, ZIP) Dunlap IL 61525  
3. County: Peoria  
4. Contact Name: Tammie Frank  
5. Email: tfrank@brewster-co.com  
6. Phone: (618) 344-4468 7. Fax: \_\_\_\_\_  
8. Generator EPA ID: \_\_\_\_\_ ☒ N/A  
9. State ID: \_\_\_\_\_ ☒ N/A

**C. MATERIAL INFORMATION**

1. Common Name: Construction and Demolition Debris  
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**

  
2. Material Composition and Contaminants: ☐ See Attached  

|                                                   |       |
|---------------------------------------------------|-------|
| 1. <u>Construction Debris</u>                     | 100 % |
| 2. _____                                          |       |
| 3. _____                                          |       |
| 4. _____                                          |       |
| Total comp. must be equal to or greater than 100% | ≥100% |

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

**E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION**

1. Analytical attached ☐ Yes  
Please identify Lab Report(s) and list specific representative Sample ID#s:  
  
2. Other information attached (such as SDS)? ☐ Yes

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

By signing this Waste Management ("WM") Profile, 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 WM prior to providing the material to WM. I am aware that there are significant penalties for knowingly submitting false information.

- ☒ I am authorized to sign 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.  
☐ I am a duly authorized employee of Generator holding a position of technical responsibility with direct knowledge of the waste stream and the information contained in this profile, and I confirm that information contained in this profile, as well as supporting documents are accurate and complete.

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

**B. BILLING INFORMATION**☐ SAME AS GENERATOR

1. Billing Name: Brewster Companies  
2. Billing Address: 6321 E Main St  
(City, State, ZIP) Maryville IL 62062  
3. Contact Name: Tammie Frank  
4. Email: tfrank@brewster-co.com  
5. Phone: (618) 344-4468 x110 6. Fax: \_\_\_\_\_  
7. P.O. Number: 23044  
8. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

**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. Does the material contain benzene? ☐ Yes\* ☒ No  
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes\* ☒ No  
7. CERCLA or State-mandated clean-up? ☐ Yes\* ☒ No  
8. NRC, State-regulated, NORM or TENORM 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? ☐ Yes ☐ No  
c. Were PCBs 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  
12. Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

**F. SHIPPING AND DOT INFORMATION**

1. ☐ One-Time Event ☒ Repeat Event/Ongoing Business  
2. Estimated Annual Quantity/Unit of Measure: 2  
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other \_\_\_\_\_  
3. Container Type and Size: \_\_\_\_\_  
4. USDOT Proper Shipping Name ☒ N/A  
5. Estimated Start Date 11/06/2023  
6. Transportation Needed? ☐ Yes\* ☒ No

Name (Print): Tammie Frank

Title: Project Assist

Company: Brewster Companies

Date: 11/03/2023

Certification Signature

*Tammie Frank*



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: 6375371L

## 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.

e. Form Code:

f. Source Code:

### 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. a. Are you an industry regulated under Benzene NESHAP? (Petroleum refineries, chemical manufacturing plants, coke by-product, and TSDFs.)

☐ Yes ☐ No

b. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue.

☐ Yes ☐ No

c. What is the flow weighted average benzene concentration?

\_\_\_\_\_ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

e. Is this waste soil from a remediation?

☐ Yes ☐ No

1. If yes, what is the benzene concentration in remediation waste?

\_\_\_\_\_ ppmw

f. Does the waste contain >10% water/moisture?

☐ Yes ☐ No

g. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw?

☐ Yes ☐ No

h. Is material exempt from controls in accordance with 40 CFR 61.342?

☐ Yes ☐ No

→ If yes, specify exemption: \_\_\_\_\_

i. 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, State-regulated radioactive, NORM or TENORM? →

a. Please select all that apply:

☐ Nuclear Regulatory Commission (NRC) Radioactive

☐ Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

☐ State-Regulated Radioactive

☐ Naturally Occurring Radioactive Material

b. Testing, per individual waste stream, for applicable isotopes and/or other supporting information attached?

☐ Yes ☐ No

## Laboratory Results for Profile 637196IL



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

October 12, 2023

John Lichter  
Carlson McCain  
3890 Pheasant Ridge Drive, Suite 100  
Blaine, MN 55449

RE: Carlson McCain Waste

Dear John Lichter:

Please find enclosed the analytical results for the **1** sample(s) the laboratory received on **10/2/23 12:01 pm** and logged in under work order **GJ00147**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in cursive script that reads 'Amy Holmes'.

Amy Holmes  
Project Manager  
(314) 595-7336  
[amy.holmes@pacelabs.com](mailto:amy.holmes@pacelabs.com)

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

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Work Order GJ00147

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|     |                                                                |
|-----|----------------------------------------------------------------|
| YES | Samples received within temperature compliance when applicable |
| YES | COC present upon sample receipt                                |
| YES | COC completed & legible                                        |
| YES | Sampler name & signature present                               |
| YES | Unique sample IDs assigned                                     |
| YES | Sample collection location recorded                            |
| YES | Date & time collected recorded on COC                          |
| YES | Relinquished by client signature on COC                        |
| YES | COC & labels match                                             |
| YES | Sample labels are legible                                      |
| YES | Appropriate bottle(s) received                                 |
| YES | Sufficient sample volume received                              |
| YES | Sample containers received undamaged                           |
| NO  | Zero headspace, <6 mm present in VOA vials                     |
| NO  | Trip blank(s) received                                         |
| YES | All non-field analyses received within holding times           |
| NO  | Short hold time analysis                                       |
| YES | Current PDC COC submitted                                      |
| NO  | Case narrative provided                                        |



## ANALYTICAL RESULTS

Sample: GJ00147-01  
Name: Washington  
Matrix: Solid - Composite

Sampled: 10/02/23 11:40  
Received: 10/02/23 12:01

| Parameter                                     | Result   | Unit      | Qualifier | Prepared       | Dilution | MRL    | Analyzed       | Analyst | Method             |
|-----------------------------------------------|----------|-----------|-----------|----------------|----------|--------|----------------|---------|--------------------|
| <b>General Chemistry - PIA</b>                |          |           |           |                |          |        |                |         |                    |
| Solids - total solids (TS)                    | 91       | %         | X         | 10/09/23 14:49 | 1        | 0.050  | 10/10/23 06:36 | MBR     | SM 2540G*          |
| <b>General Chemistry - STL</b>                |          |           |           |                |          |        |                |         |                    |
| Cyanide                                       | < 0.500  | mg/kg     |           | 10/09/23 16:51 | 1        | 0.500  | 10/09/23 16:54 | MAS     | SW 9010            |
| Flashpoint closed                             | >200     | °F        |           | 10/09/23 11:53 | 1        | 60     | 10/09/23 11:55 | BMP     | SW 1010 - ASTM D93 |
| Solids - total solids (TS)                    | 91       | %         | X         | 10/09/23 14:49 | 1        | 0.050  | 10/10/23 06:36 | MBR     | SM 2540G*          |
| Sulfide                                       | < 99.1   | mg/kg     |           | 10/10/23 16:14 | 9.911982 | 99.1   | 10/10/23 16:16 | MAS     | EPA 9034*          |
| <b>Polychlorinated Biphenyls (PCBs) - STL</b> |          |           |           |                |          |        |                |         |                    |
| Aroclor 1016                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| Aroclor 1221                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| Aroclor 1232                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| Aroclor 1242                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| Aroclor 1248                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| Aroclor 1254                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| Aroclor 1260                                  | < 219    | ug/kg dry |           | 10/03/23 15:30 | 1        | 219    | 10/04/23 22:03 | SBG     | EPA 8082           |
| <b>Semivolatile Organics - TCLP - STL</b>     |          |           |           |                |          |        |                |         |                    |
| 2,4,5-Trichlorophenol                         | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| 2,4,6-Trichlorophenol                         | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| 2,4-Dinitrotoluene                            | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| 2-Methylphenol                                | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| 3- & 4-Methylphenol                           | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| Hexachlorobenzene                             | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| Hexachlorobutadiene                           | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| Hexachloroethane                              | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| Nitrobenzene                                  | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| Pentachlorophenol                             | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| Pyridine                                      | < 100    | ug/L      |           | 10/05/23 14:00 | 1        | 100    | 10/09/23 10:32 | SCI     | EPA 8270C          |
| <b>TCLP Metals - STL</b>                      |          |           |           |                |          |        |                |         |                    |
| Mercury                                       | < 0.0002 | mg/L      |           | 10/05/23 13:36 | 1        | 0.0002 | 10/06/23 11:03 | BCH     | SW 7470            |
| Arsenic                                       | < 0.500  | mg/L      |           | 10/05/23 10:25 | 1        | 0.500  | 10/05/23 15:04 | das     | EPA 6010B          |
| Barium                                        | < 0.700  | mg/L      |           | 10/05/23 10:25 | 1        | 0.700  | 10/05/23 15:04 | das     | EPA 6010B          |
| Cadmium                                       | < 0.0500 | mg/L      |           | 10/05/23 10:25 | 1        | 0.0500 | 10/05/23 15:04 | das     | EPA 6010B          |



## ANALYTICAL RESULTS

**Sample:** GJ00147-01  
**Name:** Washington  
**Matrix:** Solid - Composite

**Sampled:** 10/02/23 11:40

**Received:** 10/02/23 12:01

| Parameter | Result   | Unit | Qualifier | Prepared       | Dilution | MRL    | Analyzed       | Analyst | Method    |
|-----------|----------|------|-----------|----------------|----------|--------|----------------|---------|-----------|
| Chromium  | < 0.0500 | mg/L |           | 10/05/23 10:25 | 1        | 0.0500 | 10/05/23 15:04 | das     | EPA 6010B |
| Lead      | < 0.400  | mg/L |           | 10/05/23 10:25 | 1        | 0.400  | 10/05/23 15:04 | das     | EPA 6010B |
| Selenium  | < 0.400  | mg/L |           | 10/05/23 10:25 | 1        | 0.400  | 10/05/23 15:04 | das     | EPA 6010B |
| Silver    | < 0.0500 | mg/L |           | 10/05/23 10:25 | 1        | 0.0500 | 10/05/23 15:04 | das     | EPA 6010B |

**Volatile Organics - TCLP - STL**

|                      |        |      |  |                |    |      |                |     |           |
|----------------------|--------|------|--|----------------|----|------|----------------|-----|-----------|
| 1,1-Dichloroethene   | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| 1,2-Dichloroethane   | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| 1,4-Dichlorobenzene  | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| 2-Butanone           | < 1000 | ug/L |  | 10/05/23 13:00 | 10 | 1000 | 10/05/23 16:49 | CLH | EPA 8260B |
| Benzene              | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| Carbon tetrachloride | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| Chlorobenzene        | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| Chloroform           | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| Tetrachloroethene    | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| Trichloroethene      | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |
| Vinyl chloride       | < 50   | ug/L |  | 10/05/23 13:00 | 10 | 50   | 10/05/23 16:49 | CLH | EPA 8260B |



## QC SAMPLE RESULTS

| Parameter                                                         | Result  | Unit      | Qual | Spike Level                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|-------------------------------------------------------------------|---------|-----------|------|--------------------------------------------------|---------------|------|-------------|-----|-----------|
| <b><u>Batch B345361 - 04 SW 3550 (8081/8082) - EPA 8082</u></b>   |         |           |      |                                                  |               |      |             |     |           |
| <b>Blank (B345361-BLK1)</b>                                       |         |           |      | Prepared: 10/03/23 Analyzed: 10/04/23            |               |      |             |     |           |
| Aroclor 1016                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Aroclor 1221                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Aroclor 1232                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Aroclor 1242                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Aroclor 1248                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Aroclor 1254                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Aroclor 1260                                                      | < 33.2  | ug/kg wet |      |                                                  |               |      |             |     |           |
| Surrogate: Decachlorobiphenyl                                     | 15.2    | ug/kg wet |      | 13.25                                            |               | 115  | 26.3-181    |     |           |
| <b>LCS (B345361-BS2)</b>                                          |         |           |      | Prepared: 10/03/23 Analyzed: 10/04/23            |               |      |             |     |           |
| Aroclor 1016                                                      | 166     | ug/kg wet |      | 165.8                                            |               | 100  | 68.9-131    |     |           |
| Aroclor 1260                                                      | 178     | ug/kg wet |      | 165.8                                            |               | 107  | 67.3-141    |     |           |
| Surrogate: Decachlorobiphenyl                                     | 14.9    | ug/kg wet |      | 13.26                                            |               | 112  | 26.3-181    |     |           |
| <b>LCS Dup (B345361-BSD2)</b>                                     |         |           |      | Prepared: 10/03/23 Analyzed: 10/04/23            |               |      |             |     |           |
| Aroclor 1016                                                      | 187     | ug/kg wet |      | 166.0                                            |               | 112  | 68.9-131    | 12  | 40        |
| Aroclor 1260                                                      | 182     | ug/kg wet |      | 166.0                                            |               | 109  | 67.3-141    | 2   | 40        |
| Surrogate: Decachlorobiphenyl                                     | 15.3    | ug/kg wet |      | 13.28                                            |               | 115  | 26.3-181    |     |           |
| <b><u>Batch B345447 - 04-No Prep WC Solid - SM 2540G</u></b>      |         |           |      |                                                  |               |      |             |     |           |
| <b>Blank (B345447-BLK1)</b>                                       |         |           |      | Prepared & Analyzed: 10/04/23                    |               |      |             |     |           |
| Solids - total solids (TS)                                        | < 0.050 | %         |      |                                                  |               |      |             |     |           |
| <b>Duplicate (B345447-DUP1)</b>                                   |         |           |      | Sample: GI05201-01 Prepared & Analyzed: 10/04/23 |               |      |             |     |           |
| Solids - total solids (TS)                                        | 0.106   | %         |      |                                                  | 0.151         |      |             | 35  | 5         |
| <b>Duplicate (B345447-DUP2)</b>                                   |         |           |      | Sample: GJ00147-01 Prepared & Analyzed: 10/04/23 |               |      |             |     |           |
| Solids - total solids (TS)                                        | 92.5    | %         | M    |                                                  | 85.2          |      |             | 8   | 5         |
| <b><u>Batch B345532 - 04 SW 3510 (M8270 TCLP) - EPA 8270C</u></b> |         |           |      |                                                  |               |      |             |     |           |
| <b>Blank (B345532-BLK1)</b>                                       |         |           |      | Prepared & Analyzed: 10/05/23                    |               |      |             |     |           |
| 2,4,5-Trichlorophenol                                             | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| 2,4,6-Trichlorophenol                                             | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| 2,4-Dinitrotoluene                                                | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| 2-Methylphenol                                                    | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| 3- & 4-Methylphenol                                               | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Hexachlorobenzene                                                 | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Hexachlorobutadiene                                               | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Hexachloroethane                                                  | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Nitrobenzene                                                      | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Pentachlorophenol                                                 | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Pyridine                                                          | < 100   | ug/L      |      |                                                  |               |      |             |     |           |
| Surrogate: 2-Fluorophenol                                         | 660     | ug/L      |      | 800.0                                            |               | 82   | 21-118      |     |           |
| Surrogate: Phenol- d5                                             | 700     | ug/L      |      | 800.0                                            |               | 88   | 18.3-110    |     |           |
| Surrogate: Nitrobenzene-d5                                        | 440     | ug/L      |      | 500.0                                            |               | 88   | 34.8-109    |     |           |
| Surrogate: 2-Fluorobiphenyl                                       | 400     | ug/L      |      | 500.0                                            |               | 79   | 32.2-104    |     |           |
| Surrogate: 2,4,6-Tribromophenol                                   | 670     | ug/L      |      | 800.0                                            |               | 83   | 20.6-121    |     |           |



## QC SAMPLE RESULTS

| Parameter                              | Result | Unit | Qual | Spike Level                   | Source Result                 | %REC | %REC Limits | RPD | RPD Limit |
|----------------------------------------|--------|------|------|-------------------------------|-------------------------------|------|-------------|-----|-----------|
| <b>Blank (B345532-BLK1)</b>            |        |      |      | Prepared & Analyzed: 10/05/23 |                               |      |             |     |           |
| Surrogate: <i>p</i> -Terphenyl-d14     | 410    | ug/L |      | 500.0                         |                               | 81   | 14.7-117    |     |           |
| <b>LCS (B345532-BS1)</b>               |        |      |      | Prepared & Analyzed: 10/05/23 |                               |      |             |     |           |
| 2,4,5-Trichlorophenol                  | 530    | ug/L |      | 800.0                         |                               | 66   | 35.3-113    |     |           |
| 2,4,6-Trichlorophenol                  | 540    | ug/L |      | 800.0                         |                               | 68   | 40.6-110    |     |           |
| 2,4-Dinitrotoluene                     | 531    | ug/L |      | 800.0                         |                               | 66   | 37.2-109    |     |           |
| 2-Methylphenol                         | 570    | ug/L |      | 800.0                         |                               | 71   | 42.4-108    |     |           |
| 3- & 4-Methylphenol                    | 625    | ug/L |      | 800.0                         |                               | 78   | 44.1-121    |     |           |
| Hexachlorobenzene                      | 525    | ug/L |      | 800.0                         |                               | 66   | 32.2-108    |     |           |
| Hexachlorobutadiene                    | 540    | ug/L |      | 800.0                         |                               | 68   | 27.7-106    |     |           |
| Hexachloroethane                       | 542    | ug/L |      | 800.0                         |                               | 68   | 32.1-99.8   |     |           |
| Nitrobenzene                           | 596    | ug/L |      | 800.0                         |                               | 75   | 41.8-105    |     |           |
| Pentachlorophenol                      | 482    | ug/L |      | 800.0                         |                               | 60   | 23.1-111    |     |           |
| Pyridine                               | 440    | ug/L |      | 800.0                         |                               | 55   | 10-94.9     |     |           |
| Surrogate: 2-Fluorophenol              | 600    | ug/L |      | 800.0                         |                               | 75   | 21-118      |     |           |
| Surrogate: Phenol- d5                  | 660    | ug/L |      | 800.0                         |                               | 83   | 18.3-110    |     |           |
| Surrogate: Nitrobenzene-d5             | 370    | ug/L |      | 500.0                         |                               | 73   | 34.8-109    |     |           |
| Surrogate: 2-Fluorobiphenyl            | 330    | ug/L |      | 500.0                         |                               | 65   | 32.2-104    |     |           |
| Surrogate: 2,4,6-Tribromophenol        | 620    | ug/L |      | 800.0                         |                               | 77   | 20.6-121    |     |           |
| Surrogate: <i>p</i> -Terphenyl-d14     | 350    | ug/L |      | 500.0                         |                               | 69   | 14.7-117    |     |           |
| <b>Matrix Spike (B345532-MS1)</b>      |        |      |      | Sample: GJ00319-01            | Prepared & Analyzed: 10/05/23 |      |             |     |           |
| 2,4,5-Trichlorophenol                  | 616    | ug/L |      | 800.0                         | ND                            | 77   | 39.3-98.4   |     |           |
| 2,4,6-Trichlorophenol                  | 626    | ug/L |      | 800.0                         | ND                            | 78   | 38.6-100    |     |           |
| 2,4-Dinitrotoluene                     | 643    | ug/L |      | 800.0                         | ND                            | 80   | 39.4-102    |     |           |
| 2-Methylphenol                         | 675    | ug/L |      | 800.0                         | ND                            | 84   | 28.3-109    |     |           |
| 3- & 4-Methylphenol                    | 731    | ug/L |      | 800.0                         | ND                            | 91   | 32.7-121    |     |           |
| Hexachlorobenzene                      | 595    | ug/L |      | 800.0                         | ND                            | 74   | 30.3-95.2   |     |           |
| Hexachlorobutadiene                    | 645    | ug/L |      | 800.0                         | ND                            | 81   | 22.7-90.9   |     |           |
| Hexachloroethane                       | 651    | ug/L |      | 800.0                         | ND                            | 81   | 28-89.3     |     |           |
| Nitrobenzene                           | 918    | ug/L |      | 800.0                         | ND                            | 115  | 24-116      |     |           |
| Pentachlorophenol                      | 596    | ug/L |      | 800.0                         | ND                            | 74   | 27.8-87.6   |     |           |
| Pyridine                               | 626    | ug/L |      | 800.0                         | ND                            | 78   | 10-108      |     |           |
| Surrogate: 2-Fluorophenol              | 710    | ug/L |      | 800.0                         |                               | 89   | 21-118      |     |           |
| Surrogate: Phenol- d5                  | 730    | ug/L |      | 800.0                         |                               | 91   | 18.3-110    |     |           |
| Surrogate: Nitrobenzene-d5             | 460    | ug/L |      | 500.0                         |                               | 92   | 34.8-109    |     |           |
| Surrogate: 2-Fluorobiphenyl            | 380    | ug/L |      | 500.0                         |                               | 77   | 32.2-104    |     |           |
| Surrogate: 2,4,6-Tribromophenol        | 690    | ug/L |      | 800.0                         |                               | 86   | 20.6-121    |     |           |
| Surrogate: <i>p</i> -Terphenyl-d14     | 370    | ug/L |      | 500.0                         |                               | 74   | 14.7-117    |     |           |
| <b>Matrix Spike Dup (B345532-MSD1)</b> |        |      |      | Sample: GJ00319-01            | Prepared & Analyzed: 10/05/23 |      |             |     |           |
| 2,4,5-Trichlorophenol                  | 628    | ug/L |      | 800.0                         | ND                            | 78   | 39.3-98.4   | 2   | 40        |
| 2,4,6-Trichlorophenol                  | 632    | ug/L |      | 800.0                         | ND                            | 79   | 38.6-100    | 1   | 40        |
| 2,4-Dinitrotoluene                     | 650    | ug/L |      | 800.0                         | ND                            | 81   | 39.4-102    | 1   | 40        |
| 2-Methylphenol                         | 667    | ug/L |      | 800.0                         | ND                            | 83   | 28.3-109    | 1   | 40        |
| 3- & 4-Methylphenol                    | 722    | ug/L |      | 800.0                         | ND                            | 90   | 32.7-121    | 1   | 40        |
| Hexachlorobenzene                      | 584    | ug/L |      | 800.0                         | ND                            | 73   | 30.3-95.2   | 2   | 40        |
| Hexachlorobutadiene                    | 651    | ug/L |      | 800.0                         | ND                            | 81   | 22.7-90.9   | 1   | 40        |



## QC SAMPLE RESULTS

| Parameter                                           | Result   | Unit | Qual | Spike Level                   | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|-----------------------------------------------------|----------|------|------|-------------------------------|---------------|------|-------------|-----|-----------|
| <b>Matrix Spike Dup (B345532-MSD1)</b>              |          |      |      |                               |               |      |             |     |           |
| Sample: GJ00319-01                                  |          |      |      | Prepared & Analyzed: 10/05/23 |               |      |             |     |           |
| Hexachloroethane                                    | 648      | ug/L | Q2   | 800.0                         | ND            | 81   | 28-89.3     | 0.4 | 40        |
| Nitrobenzene                                        | 938      | ug/L |      | 800.0                         | ND            | 117  | 24-116      | 2   | 40        |
| Pentachlorophenol                                   | 610      | ug/L |      | 800.0                         | ND            | 76   | 27.8-87.6   | 2   | 40        |
| Pyridine                                            | 640      | ug/L |      | 800.0                         | ND            | 80   | 10-108      | 2   | 40        |
| Surrogate: 2-Fluorophenol                           | 680      | ug/L |      | 800.0                         |               | 85   | 21-118      |     |           |
| Surrogate: Phenol- d5                               | 690      | ug/L |      | 800.0                         |               | 86   | 18.3-110    |     |           |
| Surrogate: Nitrobenzene-d5                          | 450      | ug/L |      | 500.0                         |               | 90   | 34.8-109    |     |           |
| Surrogate: 2-Fluorobiphenyl                         | 380      | ug/L |      | 500.0                         |               | 76   | 32.2-104    |     |           |
| Surrogate: 2,4,6-Tribromophenol                     | 700      | ug/L |      | 800.0                         |               | 88   | 20.6-121    |     |           |
| Surrogate: p-Terphenyl-d14                          | 350      | ug/L |      | 500.0                         |               | 69   | 14.7-117    |     |           |
| <b>Batch B345539 - 04 SW 3010A TCLP - EPA 6010B</b> |          |      |      |                               |               |      |             |     |           |
| <b>Blank (B345539-BLK1)</b>                         |          |      |      |                               |               |      |             |     |           |
|                                                     |          |      |      | Prepared & Analyzed: 10/05/23 |               |      |             |     |           |
| Arsenic                                             | < 0.500  | mg/L |      |                               |               |      |             |     |           |
| Barium                                              | < 0.700  | mg/L |      |                               |               |      |             |     |           |
| Cadmium                                             | < 0.0500 | mg/L |      |                               |               |      |             |     |           |
| Chromium                                            | < 0.0500 | mg/L |      |                               |               |      |             |     |           |
| Lead                                                | < 0.400  | mg/L |      |                               |               |      |             |     |           |
| Selenium                                            | < 0.400  | mg/L |      |                               |               |      |             |     |           |
| Silver                                              | < 0.0500 | mg/L |      |                               |               |      |             |     |           |
| <b>LCS (B345539-BS1)</b>                            |          |      |      |                               |               |      |             |     |           |
|                                                     |          |      |      | Prepared & Analyzed: 10/05/23 |               |      |             |     |           |
| Arsenic                                             | 1.95     | mg/L |      | 2.000                         |               | 97   | 80-120      |     |           |
| Barium                                              | 1.89     | mg/L |      | 2.000                         |               | 95   | 80-120      |     |           |
| Cadmium                                             | 2.10     | mg/L |      | 2.000                         |               | 105  | 80-120      |     |           |
| Chromium                                            | 2.11     | mg/L |      | 2.000                         |               | 106  | 80-120      |     |           |
| Lead                                                | 2.09     | mg/L |      | 2.000                         |               | 104  | 80-120      |     |           |
| Selenium                                            | 2.09     | mg/L |      | 2.000                         |               | 105  | 80-120      |     |           |
| Silver                                              | 0.538    | mg/L |      | 0.5000                        |               | 108  | 80-120      |     |           |
| <b>Matrix Spike (B345539-MS1)</b>                   |          |      |      |                               |               |      |             |     |           |
| Sample: GJ00447-01                                  |          |      |      | Prepared & Analyzed: 10/05/23 |               |      |             |     |           |
| Arsenic                                             | 1.92     | mg/L |      | 2.000                         | ND            | 96   | 70-130      |     |           |
| Barium                                              | 1.94     | mg/L |      | 2.000                         | 0.0966        | 92   | 70-130      |     |           |
| Cadmium                                             | 2.01     | mg/L |      | 2.000                         | ND            | 100  | 70-130      |     |           |
| Chromium                                            | 2.02     | mg/L |      | 2.000                         | ND            | 101  | 70-130      |     |           |
| Lead                                                | 1.98     | mg/L |      | 2.000                         | ND            | 99   | 70-130      |     |           |
| Selenium                                            | 1.96     | mg/L |      | 2.000                         | ND            | 98   | 70-130      |     |           |
| Silver                                              | 0.511    | mg/L |      | 0.5000                        | ND            | 102  | 70-130      |     |           |
| <b>Matrix Spike Dup (B345539-MSD1)</b>              |          |      |      |                               |               |      |             |     |           |
| Sample: GJ00447-01                                  |          |      |      | Prepared & Analyzed: 10/05/23 |               |      |             |     |           |
| Arsenic                                             | 1.92     | mg/L |      | 2.000                         | ND            | 96   | 70-130      | 0.3 | 20        |
| Barium                                              | 1.95     | mg/L |      | 2.000                         | 0.0966        | 92   | 70-130      | 0.4 | 20        |
| Cadmium                                             | 2.03     | mg/L |      | 2.000                         | ND            | 101  | 70-130      | 0.9 | 20        |
| Chromium                                            | 2.04     | mg/L |      | 2.000                         | ND            | 102  | 70-130      | 1   | 20        |
| Lead                                                | 2.06     | mg/L |      | 2.000                         | ND            | 103  | 70-130      | 4   | 20        |
| Selenium                                            | 1.97     | mg/L |      | 2.000                         | ND            | 99   | 70-130      | 0.9 | 20        |
| Silver                                              | 0.515    | mg/L |      | 0.5000                        | ND            | 103  | 70-130      | 0.9 | 20        |



## QC SAMPLE RESULTS

| Parameter                                                 | Result   | Unit | Qual | Spike Level                           | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|-----------------------------------------------------------|----------|------|------|---------------------------------------|---------------|------|-------------|-----|-----------|
| <b><u>Batch B345543 - 04-SW 7470A/245.1 - SW 7470</u></b> |          |      |      |                                       |               |      |             |     |           |
| <b>Blank (B345543-BLK1)</b>                               |          |      |      | Prepared: 10/05/23 Analyzed: 10/06/23 |               |      |             |     |           |
| Mercury                                                   | < 0.0002 | mg/L |      |                                       |               |      |             |     |           |
| <b>LCS (B345543-BS1)</b>                                  |          |      |      | Prepared: 10/05/23 Analyzed: 10/06/23 |               |      |             |     |           |
| Mercury                                                   | 0.00543  | mg/L |      | 0.005000                              |               | 109  | 80-120      |     |           |
| <b>Matrix Spike (B345543-MS1)</b>                         |          |      |      | Prepared: 10/05/23 Analyzed: 10/06/23 |               |      |             |     |           |
| Mercury                                                   | 0.00467  | mg/L |      | 0.005000                              | ND            | 93   | 75-125      |     |           |
| <b>Matrix Spike Dup (B345543-MSD1)</b>                    |          |      |      | Prepared: 10/05/23 Analyzed: 10/06/23 |               |      |             |     |           |
| Mercury                                                   | 0.00366  | mg/L |      | 0.005000                              | ND            | 73   | 75-125      | 24  | 20        |
| <b><u>Batch B345627 - 04-No Prep VOA - EPA 8260B</u></b>  |          |      |      |                                       |               |      |             |     |           |
| <b>Blank (B345627-BLK1)</b>                               |          |      |      | Prepared & Analyzed: 10/05/23         |               |      |             |     |           |
| 1,1-Dichloroethene                                        | < 50     | ug/L |      |                                       |               |      |             |     |           |
| 1,2-Dichloroethane                                        | < 50     | ug/L |      |                                       |               |      |             |     |           |
| 1,4-Dichlorobenzene                                       | < 50     | ug/L |      |                                       |               |      |             |     |           |
| 2-Butanone                                                | < 1000   | ug/L |      |                                       |               |      |             |     |           |
| Benzene                                                   | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Carbon tetrachloride                                      | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Chlorobenzene                                             | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Chloroform                                                | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Tetrachloroethene                                         | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Trichloroethene                                           | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Vinyl chloride                                            | < 50     | ug/L |      |                                       |               |      |             |     |           |
| Surrogate: 1,2-Dichloroethane-d4                          | 54.4     | ug/L |      | 50.00                                 |               | 109  | 81.4-136    |     |           |
| Surrogate: Toluene-d8                                     | 55.1     | ug/L |      | 50.00                                 |               | 110  | 86.9-123    |     |           |
| Surrogate: Bromofluorobenzene                             | 51.5     | ug/L |      | 50.00                                 |               | 103  | 90-110      |     |           |
| <b>LCS (B345627-BS1)</b>                                  |          |      |      | Prepared & Analyzed: 10/05/23         |               |      |             |     |           |
| 1,1-Dichloroethene                                        | 60       | ug/L |      | 50.00                                 |               | 119  | 74.3-126    |     |           |
| 1,2-Dichloroethane                                        | 54       | ug/L |      | 50.00                                 |               | 109  | 78.9-128    |     |           |
| 1,4-Dichlorobenzene                                       | 51       | ug/L |      | 50.00                                 |               | 102  | 69.8-126    |     |           |
| 2-Butanone                                                | 138      | ug/L |      | 100.0                                 |               | 138  | 72.6-145    |     |           |
| Benzene                                                   | 59       | ug/L |      | 50.00                                 |               | 118  | 79.7-122    |     |           |
| Carbon tetrachloride                                      | 57       | ug/L |      | 50.00                                 |               | 115  | 78.8-132    |     |           |
| Chlorobenzene                                             | 52       | ug/L |      | 50.00                                 |               | 103  | 78.8-117    |     |           |
| Chloroform                                                | 56       | ug/L |      | 50.00                                 |               | 112  | 79.3-128    |     |           |
| Tetrachloroethene                                         | 52       | ug/L |      | 50.00                                 |               | 105  | 67.8-128    |     |           |
| Trichloroethene                                           | 58       | ug/L |      | 50.00                                 |               | 116  | 75.4-131    |     |           |
| Vinyl chloride                                            | 62       | ug/L |      | 50.00                                 |               | 123  | 70.4-141    |     |           |
| Surrogate: 1,2-Dichloroethane-d4                          | 52.5     | ug/L |      | 50.00                                 |               | 105  | 81.4-136    |     |           |
| Surrogate: Toluene-d8                                     | 54.8     | ug/L |      | 50.00                                 |               | 110  | 86.9-123    |     |           |
| Surrogate: Bromofluorobenzene                             | 49.9     | ug/L |      | 50.00                                 |               | 100  | 90-110      |     |           |
| <b>LCS Dup (B345627-BSD1)</b>                             |          |      |      | Prepared & Analyzed: 10/05/23         |               |      |             |     |           |
| 1,1-Dichloroethene                                        | 53       | ug/L |      | 50.00                                 |               | 107  | 74.3-126    | 11  | 40        |
| 1,2-Dichloroethane                                        | 53       | ug/L |      | 50.00                                 |               | 105  | 78.9-128    | 3   | 40        |
| 1,4-Dichlorobenzene                                       | 49       | ug/L |      | 50.00                                 |               | 98   | 69.8-126    | 4   | 40        |



## QC SAMPLE RESULTS

| Parameter                              | Result | Unit | Qual | Spike Level                   | Source Result                 | %REC | %REC Limits | RPD  | RPD Limit |
|----------------------------------------|--------|------|------|-------------------------------|-------------------------------|------|-------------|------|-----------|
| <b>LCS Dup (B345627-BSD1)</b>          |        |      |      | Prepared & Analyzed: 10/05/23 |                               |      |             |      |           |
| 2-Butanone                             | 121    | ug/L |      | 100.0                         |                               | 121  | 72.6-145    | 14   | 40        |
| Benzene                                | 55     | ug/L |      | 50.00                         |                               | 110  | 79.7-122    | 7    | 40        |
| Carbon tetrachloride                   | 52     | ug/L |      | 50.00                         |                               | 104  | 78.8-132    | 9    | 40        |
| Chlorobenzene                          | 49     | ug/L |      | 50.00                         |                               | 99   | 78.8-117    | 5    | 40        |
| Chloroform                             | 53     | ug/L |      | 50.00                         |                               | 106  | 79.3-128    | 6    | 40        |
| Tetrachloroethene                      | 48     | ug/L |      | 50.00                         |                               | 96   | 67.8-128    | 9    | 40        |
| Trichloroethene                        | 54     | ug/L |      | 50.00                         |                               | 107  | 75.4-131    | 8    | 40        |
| Vinyl chloride                         | 53     | ug/L |      | 50.00                         |                               | 107  | 70.4-141    | 14   | 40        |
| Surrogate: 1,2-Dichloroethane-d4       | 50.7   | ug/L |      | 50.00                         |                               | 101  | 81.4-136    |      |           |
| Surrogate: Toluene-d8                  | 54.2   | ug/L |      | 50.00                         |                               | 108  | 86.9-123    |      |           |
| Surrogate: Bromofluorobenzene          | 50.7   | ug/L |      | 50.00                         |                               | 101  | 90-110      |      |           |
| <b>Matrix Spike (B345627-MS1)</b>      |        |      |      | Sample: GI04966-01            | Prepared & Analyzed: 10/05/23 |      |             |      |           |
| 1,1-Dichloroethene                     | 535    | ug/L |      | 50.00                         | ND                            | NR   | 83.1-131    |      |           |
| 1,2-Dichloroethane                     | 576    | ug/L |      | 50.00                         | ND                            | NR   | 73.8-119    |      |           |
| 1,4-Dichlorobenzene                    | 462    | ug/L |      | 50.00                         | ND                            | 924  | 77.2-114    |      |           |
| 2-Butanone                             | 1350   | ug/L |      | 100.0                         | 55                            | NR   | 47.4-132    |      |           |
| Benzene                                | 603    | ug/L |      | 50.00                         | 27                            | NR   | 87.2-131    |      |           |
| Carbon tetrachloride                   | 541    | ug/L |      | 50.00                         | ND                            | NR   | 79.1-139    |      |           |
| Chlorobenzene                          | 476    | ug/L |      | 50.00                         | ND                            | 952  | 80.3-119    |      |           |
| Chloroform                             | 551    | ug/L |      | 50.00                         | ND                            | NR   | 77.5-129    |      |           |
| Tetrachloroethene                      | 450    | ug/L |      | 50.00                         | ND                            | 899  | 72.8-140    |      |           |
| Trichloroethene                        | 535    | ug/L |      | 50.00                         | ND                            | NR   | 89.5-124    |      |           |
| Vinyl chloride                         | 577    | ug/L |      | 50.00                         | ND                            | NR   | 81.7-155    |      |           |
| Surrogate: 1,2-Dichloroethane-d4       | 57.1   | ug/L |      | 50.00                         |                               | 114  | 81.4-136    |      |           |
| Surrogate: Toluene-d8                  | 56.8   | ug/L |      | 50.00                         |                               | 114  | 86.9-123    |      |           |
| Surrogate: Bromofluorobenzene          | 51.7   | ug/L |      | 50.00                         |                               | 103  | 90-110      |      |           |
| <b>Matrix Spike Dup (B345627-MSD1)</b> |        |      |      | Sample: GI04966-01            | Prepared & Analyzed: 10/05/23 |      |             |      |           |
| 1,1-Dichloroethene                     | 528    | ug/L |      | 50.00                         | ND                            | NR   | 83.1-131    | 1    | 40        |
| 1,2-Dichloroethane                     | 563    | ug/L |      | 50.00                         | ND                            | NR   | 73.8-119    | 2    | 40        |
| 1,4-Dichlorobenzene                    | 443    | ug/L |      | 50.00                         | ND                            | 886  | 77.2-114    | 4    | 40        |
| 2-Butanone                             | 1310   | ug/L |      | 100.0                         | 55                            | NR   | 47.4-132    | 3    | 40        |
| Benzene                                | 593    | ug/L |      | 50.00                         | 27                            | NR   | 87.2-131    | 2    | 40        |
| Carbon tetrachloride                   | 541    | ug/L |      | 50.00                         | ND                            | NR   | 79.1-139    | 0.06 | 40        |
| Chlorobenzene                          | 472    | ug/L |      | 50.00                         | ND                            | 945  | 80.3-119    | 0.8  | 40        |
| Chloroform                             | 546    | ug/L |      | 50.00                         | ND                            | NR   | 77.5-129    | 0.9  | 40        |
| Tetrachloroethene                      | 436    | ug/L |      | 50.00                         | ND                            | 873  | 72.8-140    | 3    | 40        |
| Trichloroethene                        | 522    | ug/L |      | 50.00                         | ND                            | NR   | 89.5-124    | 2    | 40        |
| Vinyl chloride                         | 568    | ug/L |      | 50.00                         | ND                            | NR   | 81.7-155    | 2    | 40        |
| Surrogate: 1,2-Dichloroethane-d4       | 57.4   | ug/L |      | 50.00                         |                               | 115  | 81.4-136    |      |           |
| Surrogate: Toluene-d8                  | 57.2   | ug/L |      | 50.00                         |                               | 114  | 86.9-123    |      |           |
| Surrogate: Bromofluorobenzene          | 52.1   | ug/L |      | 50.00                         |                               | 104  | 90-110      |      |           |

**Batch B345853 - 04-No Prep WC Solid - SW 1010 - ASTM D93**

|                          |      |    |  |                               |  |     |            |  |  |
|--------------------------|------|----|--|-------------------------------|--|-----|------------|--|--|
| <b>LCS (B345853-BS1)</b> |      |    |  | Prepared & Analyzed: 10/09/23 |  |     |            |  |  |
| Flashpoint closed        | 78.1 | °F |  | 77.00                         |  | 101 | 97.5-102.5 |  |  |



## QC SAMPLE RESULTS

| Parameter                                                                                  | Result  | Unit  | Qual      | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--------------------------------------------------------------------------------------------|---------|-------|-----------|-------------|---------------|------|-------------|-----|-----------|
| <b>Duplicate (B345853-DUP1)</b> Sample: GJ00704-01 Prepared & Analyzed: 10/09/23           |         |       |           |             |               |      |             |     |           |
| Flashpoint closed                                                                          | 59.6    | °F    |           |             | 59.6          |      |             | 0   | 4         |
| <b><u>Batch B345881 - 04-No Prep WC Solid - SM 2540G</u></b>                               |         |       |           |             |               |      |             |     |           |
| <b>Blank (B345881-BLK1)</b> Prepared: 10/09/23 Analyzed: 10/10/23                          |         |       |           |             |               |      |             |     |           |
| Solids - total solids (TS)                                                                 | < 0.050 | %     |           |             |               |      |             |     |           |
| Solids - total solids (TS)                                                                 | < 0.050 | %     |           |             |               |      |             |     |           |
| <b>Duplicate (B345881-DUP1)</b> Sample: GJ00250-01 Prepared: 10/09/23 Analyzed: 10/10/23   |         |       |           |             |               |      |             |     |           |
| Solids - total solids (TS)                                                                 | 89.4    | %     |           |             | 88.9          |      |             | 0.6 | 20        |
| Solids - total solids (TS)                                                                 | 89.4    | %     |           |             | 88.9          |      |             | 0.6 | 5         |
| <b>Duplicate (B345881-DUP2)</b> Sample: GJ01041-07 Prepared: 10/09/23 Analyzed: 10/10/23   |         |       |           |             |               |      |             |     |           |
| Solids - total solids (TS)                                                                 | 92.5    | %     |           |             | 91.1          |      |             | 1   | 5         |
| Solids - total solids (TS)                                                                 | 92.5    | %     |           |             | 91.1          |      |             | 1   | 20        |
| <b><u>Batch B345910 - 04-No Prep WC Solid - SW 9010</u></b>                                |         |       |           |             |               |      |             |     |           |
| <b>Blank (B345910-BLK1)</b> Prepared & Analyzed: 10/09/23                                  |         |       |           |             |               |      |             |     |           |
| Cyanide                                                                                    | < 0.500 | mg/kg |           |             |               |      |             |     |           |
| <b>LCS (B345910-BS1)</b> Prepared & Analyzed: 10/09/23                                     |         |       |           |             |               |      |             |     |           |
| Cyanide                                                                                    | 5.50    | mg/kg |           |             | 5.000         | 110  | 85-115      |     |           |
| <b>Matrix Spike (B345910-MS1)</b> Sample: GI04680-01RE1 Prepared & Analyzed: 10/09/23      |         |       |           |             |               |      |             |     |           |
| Cyanide                                                                                    | 3.55    | mg/kg | Q5        | 4.738       | ND            | 75   | 75-125      |     |           |
| <b>Matrix Spike Dup (B345910-MSD1)</b> Sample: GI04680-01RE1 Prepared & Analyzed: 10/09/23 |         |       |           |             |               |      |             |     |           |
| Cyanide                                                                                    | 2.97    | mg/kg | Q2,<br>Q5 | 4.948       | ND            | 60   | 75-125      | 18  | 20        |
| <b><u>Batch B346040 - 04-No Prep WC Solid - EPA 9034</u></b>                               |         |       |           |             |               |      |             |     |           |
| <b>Blank (B346040-BLK1)</b> Prepared & Analyzed: 10/10/23                                  |         |       |           |             |               |      |             |     |           |
| Sulfide                                                                                    | < 10.0  | mg/kg |           |             |               |      |             |     |           |
| <b>LCS (B346040-BS1)</b> Prepared & Analyzed: 10/10/23                                     |         |       |           |             |               |      |             |     |           |
| Sulfide                                                                                    | 27.3    | mg/kg |           |             | 32.06         | 85   | 60-115      |     |           |
| <b>LCS Dup (B346040-BSD1)</b> Prepared & Analyzed: 10/10/23                                |         |       |           |             |               |      |             |     |           |
| Sulfide                                                                                    | 25.6    | mg/kg |           |             | 32.06         | 80   | 60-115      | 6   | 20        |



## NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

### Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

### Qualifiers

- M Analyte failed to meet the required acceptance criteria for duplicate analysis.
- Q2 Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- Q5 Matrix interference present in sample. Result confirmed by reanalysis.
- X Sample was reanalyzed outside of hold time due to duplicate failure,

Certified by: Jon Robert Handshy For Amy Holmes, Project Manager



**Pace** **LAB USE ONLY - Affix Workorder/Login Label Here**

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain of Custody is a LEGAL DOCUMENT - Complete all relevant fields

**Company Name:** Carlson McCain  
**Street Address:** 3890 Pheasant Ridge Drive Suite 100  
Blaine, MN 55449

**Customer Project #:**  
**Project Name:**  
**Site Collection Info/Facility ID (as applicable):**

**Time Zone Collected:** [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
**Data Deliverables:** [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

**Regulatory Program (DW, RCMA, etc.) as applicable:**  
**Rush (Pre-approval required):** DW PMSID # or WW Permit # as applicable:  
[ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other

**Date Results Requested:**  
**Analysis:** Field Filtered (if applicable): [ ] Yes [ ] No

**Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Biossaw (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caik

**Customer Sample ID:** Washington

**Matrix #:** SS

**Comp / Grab:**

**Collected (or Composite Start) Date:** 10-2-23 **Time:** 11:40am

**Res. CL2:**

**Composite End Date:** **Time:**

**Number & Type of Containers:** Plastic: 1 Glass: 5

**Additional Instructions from Pace\*:**

**Collected By:** Erik Force  
**Printed Name:**  
**Signature:** [Signature]

**Received by Company (Signature):** [Signature]  
**Date/Time:** 10-2-23 12:01pm

**Received by Company (Signature):** [Signature]  
**Date/Time:**

**Received by Company (Signature):** [Signature]  
**Date/Time:**

**Received by Company (Signature):** [Signature]  
**Date/Time:**

**Customer Remarks / Special Conditions / Possible Hazards:**

**Specimen Container Size \*\***

**Identify Container Preservative Type \*\*\***

**Analysis Requested**

**Lab Use Only**

**Pro. Mgr:**

**AccNum / Client ID:**

**Table #:**

**Profile / Template:**

**Prelog / Bottle Ord. ID:**

**Sample Comment**

**Preservation non-conformance identified for sample**

**Container Size:** (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) E-Core, (8) TerraCore, (9) Other

**\*\* Preservative Types:** (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

**Scan QR Code for Instructions**

**65001417**

**Tracking Number:**

**Delivered by:** [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

**Page:** 1201 **of**

1 Plastic- Red  
6 Glass

WALK N

## Chain of Custody Instructions

**\*Pace Location Requested:** City and State of Pace Laboratory testing is to be performed at.

**\*Company Name:** Client's company name

**\*Street Address:** Client's mailing address

**\*City, State, Zip:** Client's city, state and zip code for mailing

**\*Contact/ Report to:** Person to receive results

**\*Customer Project # and Project Name:** Client's reference to the project or work involved with these samples.

**\*Site Collection Info/ Facility ID:** Client's location of project

**\*Time Zone:** Check time zone of sample to ensure proper hold times are met.

**\*Purchase Order #:** Client specific number to be listed on project invoice for client billing purposes.

**\*Invoice To:** Client contact the project invoice needs to be emailed to.

**\*Invoice Email:** Email address that project invoice will need to be emailed to

**\*Phone #:** Client's contact phone number

**\*E-mail:** Client's e-mail for correspondence and final report

**\*Regulatory Program:** List the program that is guiding the work to ensure proper regulations are followed: DW, RCRA, etc.

**\*Data Deliverable:** Please select or enter required deliverables.

**\*County/State Origin of Samples:** Enter the county to ensure proper handling of regulated soils. State required to ensure proper reporting.

**\*Field Filtered:** Indicate if samples have been filtered in the field. If samples are required to be field filtered and filtering is not indicated, a qualifier will be added to all associated data.

**\*Customer Sample ID:** The unique sample ID you want to appear on the analytical report

**\*Collected Date:** Date sample was collected. For composite samples, please fill in both beginning and end date.

**\*Collected Time:** Time sample was collected. For composite samples, please fill in both beginning and end time.

**\*Comp/Grab:** Please denote "GRAB" if the sample was collected at one time from one specific location. Please denote "COMP" if the sample is a composite of samples collected at one or more times or locations and combined to make one sample.

**\*Matrix:** Select from list provided list. If prepopulated chain is provided for you matrix codes may vary.

**\*Number and Type of Containers:** Total number of containers per container type submitted for the samples

**\*Container Size:** Specify container size from list.

**\*Container Preservation Type:** Specify sample preservation from provided list.

**\*Analysis Requested:** Write the analysis name (or an abbreviation), the name of a group of tests, or the method number you would like us to perform. Examples are BOD, TCLP Metals, PCBs, Method 624, etc. Place a check mark in the small boxes that correspond to the sample(s) on which you want these tests performed.

**\*Sample Comment:** List any notes or important information about the individual sample here. Please identify in the sample comment if a sample should be used for MS/MSD.

**\*Customer Remarks/Special Conditions/Possible Hazards:** List special instructions about the sample here. If the sample is known or suspected to be hazardous indicate that here and attach SDS if possible. This space can also be used for listing additional analyses, or to request an extra copy of the report to be sent to an alternate person/address, etc.

**Rush request:** If faster than standard turnaround time results are needed. Circle one of the rush options and note the day the results are requested by. All rush requests require preapproval by the laboratory. Surcharges will apply for non- standard turnaround times. Results will be due by the end of business on the date due based on standard turnaround time unless other arrangements have been made with your Project Manager.

### Summarized Sample Acceptance Policy Requirements:

- Proper, full and completed chain-of-custody documentation
- Readable unique sample container identification written in indelible ink
- Appropriate sample container
- Sufficient sample volume to perform requested tests
- Received within required holding time
- Received within temperature preservation requirements
- Sample containers received in good condition (not leaking or broken)
- Any custody seal intact
- Properly preserved
- No headspace in volatile water samples

A data qualifier and/or case narrative will be added to the final test report when the above sample acceptance requirements are not met.

Location Specific Sample Acceptance Policy available from your Project Manager

**\*Collected By:** Printed name of sample collector

**\*Collected By Signature:** Signature of sample collector

**\*Relinquished By/Received By:** This form must be signed each time the sample(s) changes hands. Custody seals are available upon request if needed.

**\*Required field:** Failure to fill in a required field may result in a sample(s) being put on hold until information can be obtained. This may result in a delay in receiving results.

**SUBCONTRACT ORDER**  
**Transfer Chain of Custody**  
**Pace Analytical Services, LLC**  
**GJ00147**

**SENDING LABORATORY**

PDC Laboratories, Inc.  
2231 W Altorfer Dr  
Peoria, IL 61615  
(800) 752-6651

**RECEIVING LABORATORY**

Pace Analytical Services, LLC - Hazelwood  
944 Anglum Road  
Hazelwood, MO 63042  
(314) 432-0550

**Sample: GJ00147-01**  
**Name: Washington**

**Sampled: 10/02/23 11:40**  
**Matrix: Solid**  
**Preservative: Cool <6**

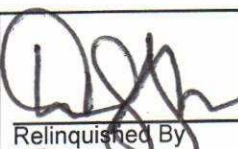
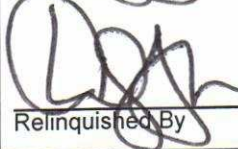
| Analysis                | Due            | Expires        | Comments |
|-------------------------|----------------|----------------|----------|
| 04-SW TCLP 1311         | 10/11/23 16:00 | 10/30/23 11:40 |          |
| 04-SW TCLP 1311         | 10/11/23 16:00 | 10/30/23 11:40 |          |
| 04-SW1311-TCLP ORGANICS | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-SW1311-TCLP ORGANICS | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-TCLP_ZHE             | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-TCLP_ZHE             | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 06-M8082                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 06-M8082                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| Solids-TS               | 10/11/23 16:00 | 10/09/23 11:40 |          |
| Solids-TS               | 10/11/23 16:00 | 10/09/23 11:40 |          |

Please email results to Amy Holmes at amy.holmes@pacelabs.com

Date Shipped: 10/3/23 Total # of Containers: 7 Sample Origin (State): IL PO #: \_\_\_\_\_

Turn-Around Time Requested ☐ NORMAL ☐ RUSH

Date Results Needed: \_\_\_\_\_

|                                                                                    |                     |                                                                                     |                     |                                           |          |
|------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|---------------------|-------------------------------------------|----------|
|  | <u>10/3/23 0600</u> |  | <u>10/3/23 0600</u> | Sample Temperature Upon Receipt           | _____ °C |
| Relinquished By                                                                    | Date/Time           | Received By                                                                         | Date/Time           | Sample(s) Received on Ice                 | Y or N   |
|  | <u>10/3/23 1000</u> | <u>Storie Zelle</u>                                                                 | <u>10/3/23</u>      | Proper Bottles Received in Good Condition | Y or N   |
| Relinquished By                                                                    | Date/Time           | Received By                                                                         | Date/Time           | Bottles Filled with Adequate Volume       | Y or N   |
|                                                                                    |                     |                                                                                     |                     | Samples Received Within Hold Time         | Y or N   |
|                                                                                    |                     |                                                                                     |                     | Date/Time Taken From Sample Bottle        | Y or N   |

**SUBCONTRACT ORDER**  
**Transfer Chain of Custody**

**Pace Analytical Services, LLC**

**GJ00147**

**SENDING LABORATORY**

PDC Laboratories, Inc.  
2231 W Altorfer Dr  
Peoria, IL 61615  
(800) 752-6651

**RECEIVING LABORATORY**

Pace Analytical Services, LLC - Hazelwood  
944 Anglum Road  
Hazelwood, MO 63042  
(314) 432-0550

**Sample: GJ00147-01**  
**Name: Washington**

**Sampled: 10/02/23 11:40**  
**Matrix: Solid**  
**Preservative: Cool <6**

| Analysis                    | Due            | Expires        | Comments |
|-----------------------------|----------------|----------------|----------|
| 02-CN-R as T                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 02-CN-R as T                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 02-S2-R AS T                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 02-S2-R AS T                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-Ag 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Ag 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-As 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-As 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Ba 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Ba 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Cd 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Cd 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Cr 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Cr 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Flashpoint Pensky Marten | 10/11/23 16:00 | 10/30/23 11:40 |          |
| 04-Flashpoint Pensky Marten | 10/11/23 16:00 | 10/30/23 11:40 |          |
| 04-Hg TCLP                  | 10/11/23 16:00 | 10/30/23 11:40 |          |
| 04-Hg TCLP                  | 10/11/23 16:00 | 10/30/23 11:40 |          |
| 04-M8260 TCLP               | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-M8260 TCLP               | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-M8270TCLP                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-M8270TCLP                | 10/11/23 16:00 | 10/16/23 11:40 |          |
| 04-Pb 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Pb 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Se 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |
| 04-Se 6010 TCLP             | 10/11/23 16:00 | 03/30/24 11:40 |          |

## Laboratory Results for Profile 637239IL

# SAFETY DATA SHEET

Unleaded 91



## Section 1. Identification

|                                                                                             |                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GHS product identifier</b>                                                               | Unleaded 91                                                                                                                                                                                                                                   |
| <b>Other means of identification</b>                                                        | regular unleaded petrol                                                                                                                                                                                                                       |
| <b>Product code</b>                                                                         | 0000002733                                                                                                                                                                                                                                    |
| <b>SDS no.</b>                                                                              | 0000002733                                                                                                                                                                                                                                    |
| <b>Historic SDS no.</b>                                                                     | 875; 0000002889                                                                                                                                                                                                                               |
| <b><u>Relevant identified uses of the substance or mixture and uses advised against</u></b> |                                                                                                                                                                                                                                               |
| <b>Use of the substance/mixture</b>                                                         | Use only as a motor fuel for spark ignition engines. NOT for aviation use. Should NOT be used as a solvent nor cleaning agent.<br>For specific application advice see appropriate Technical Data Sheet or consult our company representative. |
| <b>Manufacturer</b>                                                                         | BP Australia Pty Ltd<br>Level 17, 717 Bourke Street<br>Docklands, Victoria 3008<br>ABN 53 004 085 616<br><br>www.bp.com.au                                                                                                                    |
| <b>Supplier</b>                                                                             |                                                                                                                                                                                                                                               |
| <b>EMERGENCY TELEPHONE NUMBER</b>                                                           |                                                                                                                                                                                                                                               |
|                                                                                             | Technical Helpline Number: 1300 139 700<br>1800 638 556                                                                                                                                                                                       |

## Section 2. Hazard(s) identification

|                                                   |                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Classification of the substance or mixture</b> |  FLAMMABLE LIQUIDS - Category 1<br>SKIN CORROSION/IRRITATION - Category 2<br>GERM CELL MUTAGENICITY - Category 1B<br>CARCINOGENICITY - Category 1B<br>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) - Category 3<br>ASPIRATION HAZARD - Category 1 |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### GHS label elements

#### Hazard pictograms



#### Signal word

DANGER

#### Hazard statements

 H224 - Extremely flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H336 - May cause drowsiness or dizziness.  
H340 - May cause genetic defects.  
H350 - May cause cancer.

### Precautionary statements

#### General

P102 - Keep out of reach of children.  
P101 - If medical advice is needed, have product container or label at hand.

|                                                    |                                        |                                      |
|----------------------------------------------------|----------------------------------------|--------------------------------------|
| <b>Product name</b> Unleaded 91                    | <b>Product code</b> 0000002733         | <b>Page:</b> 1/17                    |
| <b>Version</b> 4.01 <b>Date of issue</b> 5/26/2021 | <b>Format</b> Australia<br>(Australia) | <b>Language</b> ENGLISH<br>(ENGLISH) |

## Section 2. Hazard(s) identification

### Prevention

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P281 - Use personal protective equipment as required.  
P280 - Wear protective gloves, protective clothing and eye or face protection.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P241 - Use explosion-proof electrical, ventilating or lighting equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P271 - Use only outdoors or in a well-ventilated area.  
P261 - Avoid breathing vapour.  
P264 - Wash hands thoroughly after handling.

### Response

P308 + P313 - IF exposed or concerned: Get medical attention.  
P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
P301 + P310, P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P362 - Take off contaminated clothing and wash before reuse.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 - If skin irritation occurs: Get medical attention.

### Storage

P405 - Store locked up.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 - Keep cool.

### Disposal

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

### Supplemental label elements

Not applicable.

### Other hazards which do not result in classification

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapour may cause flash fire or explosion.

## Section 3. Composition and ingredient information

### Substance/mixture

Mixture

A complex mixture of volatile hydrocarbons containing paraffins, naphthenes, olefins and aromatics with carbon numbers predominantly between C4 and C12. May contain oxygenates. May also contain small quantities of proprietary performance additives.

| Ingredient name                         | % (w/w) | CAS number |
|-----------------------------------------|---------|------------|
| Gasoline                                | ≥90     | 86290-81-5 |
| Contains:                               |         |            |
| Benzene                                 | <1      | 71-43-2    |
| Polycyclic aromatic hydrocarbons (PAHs) | <1      | mixture    |
| diisopropyl ether                       | <1      | 108-20-3   |
| 2-methylpropan-2-ol                     | <1      | 75-65-0    |
| tert-butyl methyl ether                 | <1      | 1634-04-4  |

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.

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## Section 4. First aid measures

### Description of necessary first aid measures

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.                                                                                                                                                                                                                                                   |
| <b>Inhalation</b>   | If inhaled, remove to fresh air. Get medical attention. If exposure to vapour, mists or fumes causes drowsiness, headache, blurred vision or irritation of the eyes, nose or throat, remove immediately to fresh air. Keep patient warm and at rest. If any symptoms persist obtain medical advice.                                                                                                                                                                                 |
| <b>Skin contact</b> | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Drench contaminated clothing with water before removing. This is necessary to avoid the risk of sparks from static electricity that could ignite contaminated clothing. Contaminated clothing is a fire hazard. Contaminated leather, particularly footwear, must be discarded. Clean shoes thoroughly before reuse. Get medical attention. |
| <b>Ingestion</b>    | Do not induce vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Aspiration hazard if swallowed. Can enter lungs and cause damage. Get medical attention immediately.                                                                                                                                                                                                               |

### Most important symptoms/effects, acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

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

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes to physician</b>         | Treatment should in general be symptomatic and directed to relieving any effects. Product can be aspirated on swallowing or following regurgitation of stomach contents, and can cause severe and potentially fatal chemical pneumonitis, which will require urgent treatment. Because of the risk of aspiration, induction of vomiting and gastric lavage should be avoided. Gastric lavage should be undertaken only after endotracheal intubation. Monitor for cardiac dysrhythmias. |
| <b>Specific treatments</b>        | No specific treatment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protection of first-aiders</b> | No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are 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. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.                                                                                       |

## Section 5. Firefighting measures

### Extinguishing media

|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | In case of fire, use water fog, foam, dry chemical or carbon dioxide extinguisher or spray. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet.                                                                       |

### Specific hazards arising from the chemical

Extremely flammable liquid and vapour. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. Vapours can form explosive mixtures with air. Vapours are heavier than air and can spread along the ground or float on water surfaces to remote ignition sources. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. 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

## Section 5. Firefighting measures

|                                                       |                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                       | quantities of water or other contaminants. Liquid will float and may reignite on surface of water.                                                                                                                                                                                                                 |
| <b>Hazardous thermal decomposition products</b>       | Combustion products may include the following:<br>carbon oxides (CO, CO <sub>2</sub> ) (carbon monoxide, carbon dioxide)                                                                                                                                                                                           |
| <b>Special protective actions for fire-fighters</b>   | No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
| <b>Special protective equipment for fire-fighters</b> | Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.                                                                                                                                                                                                       |
| <b>Hazchem code</b>                                   | 3YE                                                                                                                                                                                                                                                                                                                |

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>For non-emergency personnel</b> | Immediately contact 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 spilt material. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling. Eliminate all ignition sources.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>For emergency responders</b>    | Entry into a confined space or poorly ventilated area contaminated with vapour, mist or fume is extremely hazardous without the correct respiratory protective equipment and a safe system of work. Wear self-contained breathing apparatus. Wear a suitable chemical protective suit. Chemical resistant boots. See also the information in "For non-emergency personnel".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Environmental precautions</b>   | Avoid dispersal of spilt 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. In case of small spillages in closed waters (i.e. ports), contain product with floating barriers or other equipment. Collect spilled product by absorbing with specific floating absorbents. If possible, large spillages in open waters should be contained with floating barriers or other mechanical means. If this is not possible, control the spreading of the spillage, and collect the product by skimming or other suitable mechanical means. The use of dispersants should be advised by an expert, and, if required, approved by local authorities. Collect recovered product and other contaminated materials in suitable tanks or containers for recycle, recovery or safe disposal. |

### Methods and material for containment and cleaning up

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Small spill</b> | Eliminate all ignition sources. Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. The method and equipment used must be in conformance with appropriate regulations and industry practice on explosive atmospheres.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Large spill</b> | Eliminate all ignition sources. Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Dike spill area and do not allow product to reach sewage system and surface or ground water. 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. Use spark-proof tools and explosion-proof equipment. Contaminated absorbent material may pose the same hazard as the spilt product. The method and equipment used must be in conformance with appropriate regulations and industry practice on explosive atmospheres. Dispose of via a licensed waste disposal contractor. |

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## Section 6. Accidental release measures

## Section 7. Handling and storage

### Precautions for safe handling

#### Protective measures

Do not fill container while it is in or on a vehicle. Static electricity may ignite vapour and cause fire. Place container on ground when filling and keep nozzle in contact with container.

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 swallow. Aspiration hazard if swallowed. Can enter lungs and cause damage. Never siphon by mouth. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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. Avoid contact of spilt material and runoff with soil and surface waterways. 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.

#### Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

#### 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 oxidising materials. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Light hydrocarbon vapours can build up in the headspace of tanks. These can cause flammability/explosion hazards even at temperatures below the normal flash point (note: flash point must not be regarded as a reliable indicator of the potential flammability of vapour in tank headspaces). Tank headspaces should always be regarded as potentially flammable and care should be taken to avoid static electrical discharge and all ignition sources during filling, ullaging and sampling from storage tanks. Do not enter storage tanks. If entry to vessels is necessary, follow permit to work procedures. Entry into a confined space or poorly ventilated area contaminated with vapour, mist or fume is extremely hazardous without the correct respiratory protective equipment and a safe system of work. When the product is pumped (e.g. during filling, discharge or ullaging) and when sampling, there is a risk of static discharge. Ensure equipment used is properly earthed or bonded to the tank structure. Electrical equipment should not be used unless it is intrinsically safe (i.e. will not produce sparks). Explosive air/vapour mixtures may form at ambient temperature. If product comes into contact with hot surfaces, or leaks occur from pressurised fuel pipes, the vapour or mists generated will create a flammability or

## Section 7. Handling and storage

explosion hazard. Product contaminated rags, paper or material used to absorb spillages, represent a fire hazard, and should not be allowed to accumulate. Dispose of safely immediately after use.

## Section 8. Exposure controls and personal protection

### [Control parameters](#)

#### [Occupational exposure limits](#)

| <a href="#">Ingredient name</a>         | <a href="#">Exposure limits</a>                                                                                                                                                                                                                                               |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gasoline                                | <b>ACGIH TLV (United States).</b><br>TWA: 300 ppm 8 hours. Issued/Revised: 5/1996<br>TWA: 890 mg/m <sup>3</sup> 8 hours. Issued/Revised: 5/1996<br>STEL: 500 ppm 15 minutes. Issued/Revised: 5/1996<br>STEL: 1480 mg/m <sup>3</sup> 15 minutes. Issued/Revised: 5/1996        |
| Benzene                                 | <b>Safe Work Australia (Australia).</b><br>TWA: 3.2 mg/m <sup>3</sup> 8 hours. Issued/Revised: 4/2003<br>TWA: 1 ppm 8 hours. Issued/Revised: 4/2003                                                                                                                           |
| Polycyclic aromatic hydrocarbons (PAHs) | <b>Safe Work Australia (Australia).</b><br>TWA: 0.2 mg/m <sup>3</sup> 8 hours.                                                                                                                                                                                                |
| diisopropyl ether                       | <b>Safe Work Australia (Australia).</b><br>STEL: 1300 mg/m <sup>3</sup> 15 minutes. Issued/Revised: 5/1995<br>STEL: 310 ppm 15 minutes. Issued/Revised: 5/1995<br>TWA: 1040 mg/m <sup>3</sup> 8 hours. Issued/Revised: 5/1995<br>TWA: 250 ppm 8 hours. Issued/Revised: 5/1995 |
| 2-methylpropan-2-ol                     | <b>Safe Work Australia (Australia).</b><br>STEL: 455 mg/m <sup>3</sup> 15 minutes. Issued/Revised: 5/1995<br>STEL: 150 ppm 15 minutes. Issued/Revised: 5/1995<br>TWA: 303 mg/m <sup>3</sup> 8 hours. Issued/Revised: 5/1995<br>TWA: 100 ppm 8 hours. Issued/Revised: 5/1995   |
| tert-butyl methyl ether                 | <b>Safe Work Australia (Australia).</b><br>STEL: 275 mg/m <sup>3</sup> 15 minutes. Issued/Revised: 4/2002<br>STEL: 75 ppm 15 minutes. Issued/Revised: 4/2002<br>TWA: 92 mg/m <sup>3</sup> 8 hours. Issued/Revised: 4/2002<br>TWA: 25 ppm 8 hours. Issued/Revised: 4/2002      |

## Section 8. Exposure controls and personal protection

### Appropriate engineering controls

All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards.

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits.

The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### 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

Chemical splash goggles.

#### Skin protection

##### Hand protection

Wear chemical resistant gloves.

Do not re-use gloves. Protective gloves must give suitable protection against mechanical risks (i.e. abrasion, blade cut and puncture). Protective gloves will deteriorate over time due to physical and chemical damage. Inspect and replace gloves on a regular basis. The frequency of replacement will depend upon the circumstances of use.

**Recommended:** Gloves made from fluoroelastomer resistant to hydrocarbons and a wide range of chemicals. Wear a chemically resistant multi-layer laminate inner glove inside an outer nitrile glove. The purpose of the outer glove is to protect the inner glove from cuts and mechanical damage. The presence of aromatic hydrocarbons in the product will significantly shorten the length of time that nitrile gloves will provide protection. Do not re-use nitrile gloves if exposed to aromatic hydrocarbons.

#### Skin protection

Use of protective clothing is good industrial practice.

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.

Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.

Wear suitable protective clothing.

Footwear highly resistant to chemicals.

When there is a risk of ignition wear inherently fire resistant protective clothes and gloves.

When there is a risk of ignition from static electricity, wear anti-static protective clothing. For greatest effectiveness against static electricity, overalls, boots and gloves should all be anti-static.

When the risk of skin exposure is high (from experience this could apply to the following tasks: cleaning work, maintenance and service, filling and transfer, taking samples and cleaning up spillages) then a chemical protective suit and boots will be

## Section 8. Exposure controls and personal protection

required.

Work clothing / overalls should be laundered on a regular basis. Laundering of contaminated work clothing should only be done by professional cleaners who have been told about the hazards of the contamination. Always keep contaminated work clothing away from uncontaminated work clothing and uncontaminated personal clothes.

### Other skin protection

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.

### Respiratory protection

Use with adequate ventilation.

If there is a requirement for the use of a respiratory protective device, but the use of breathing apparatus (independent of ambient atmosphere) is not required, then a suitable filtering device must be worn.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

**Recommended:** Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist (Type P1) filters. Filter capacity and respirator type depends on exposure level.

### Refer to standards:

Respiratory protection:AS/NZS 1715 and AS/NZS 1716

Gloves:AS/NZS 2161.1

Eye protection:AS/NZS 1336 and AS/NZS 1337

## Section 9. Physical and chemical properties

### Appearance

#### Physical state

Liquid. Clear and Bright

#### Colour

Pale colour. Yellow. to Red.

#### Odour

Hydrocarbon.

#### Odour threshold

Not available.

#### pH

Not available.

#### Melting point

Not available.

#### Boiling point

30 to 210°C (86 to 410°F)

#### Flash point

Closed cup: <-40°C (<-40°F)

#### Evaporation rate

Not available.

#### Flammability (solid, gas)

Not applicable. Based on - Physical state

#### Lower and upper explosive (flammable) limits

Lower: 1.4%

Upper: 7.6%

#### Vapour pressure

30.1 to 100.3 kPa (225.6 to 752 mm Hg)

#### Vapour density

>1 [Air = 1]

#### Relative density

Not available.

#### Density

710 to 750 kg/m<sup>3</sup> (0.71 to 0.75 g/cm<sup>3</sup>)

#### Solubility

insoluble in water.

#### Partition coefficient: n-octanol/water

Not available.

#### Auto-ignition temperature

>350°C (>662°F)

#### Decomposition temperature

Not available.

#### Viscosity

Kinematic: 0.4 to 0.55 mm<sup>2</sup>/s (0.4 to 0.55 cSt) at 40°C

#### Remarks

Reid vapor pressure (RVP): 55 to 100 kPa (40 °C)

## Section 10. Stability and reactivity

|                                           |                                                                                                                                                                         |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.                                   |
| <b>Chemical stability</b>                 | The product is stable.                                                                                                                                                  |
| <b>Possibility of hazardous reactions</b> | Under normal conditions of storage and use, hazardous reactions will not occur.<br>Under normal conditions of storage and use, hazardous polymerisation will not occur. |
| <b>Conditions to avoid</b>                | Avoid all possible sources of ignition (spark or flame). Avoid excessive heat.                                                                                          |
| <b>Incompatible materials</b>             | Reactive or incompatible with the following materials: oxidising materials.                                                                                             |
| <b>Hazardous decomposition products</b>   | 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 |
|-------------------------|------------------------|---------|---------------------------------------|----------|
| Gasoline                | LC50 Inhalation Vapour | Rat     | >7630 mg/m <sup>3</sup><br>Nominal    | 4 hours  |
|                         | LC50 Inhalation Vapour | Rat     | >5610 mg/m <sup>3</sup><br>analytical | 4 hours  |
|                         | LD50 Dermal            | Rabbit  | >2000 mg/kg                           | -        |
| diisopropyl ether       | LD50 Oral              | Rat     | >5000 mg/kg                           | -        |
|                         | LC50 Inhalation Vapour | Rat     | 40.5 mg/m <sup>3</sup>                | 1 hours  |
|                         | LD50 Dermal            | Rabbit  | 2000 mg/kg                            | -        |
| 2-methylpropan-2-ol     | LD50 Oral              | Rat     | 8470 mg/kg                            | -        |
|                         | LC50 Inhalation Vapour | Rat     | >10000 ppm                            | 4 hours  |
|                         | LD50 Oral              | Rabbit  | 3559 mg/kg                            | -        |
| tert-butyl methyl ether | LD50 Oral              | Rat     | 2743 mg/kg                            | -        |
|                         | LC50 Inhalation Vapour | Rat     | 85 mg/l                               | 4 hours  |
|                         | LD50 Dermal            | Rat     | >2000 mg/kg                           | -        |
|                         | LD50 Oral              | Rat     | >2000 mg/kg                           | -        |

#### Irritation/Corrosion

| Product/ingredient name | Result                             | Species | Score | Exposure | Observation |
|-------------------------|------------------------------------|---------|-------|----------|-------------|
| Gasoline                | Skin - Irritant                    | Rabbit  | -     | -        | -           |
|                         | Eyes - Non-irritating to the eyes. | Rabbit  | -     | -        | -           |
| tert-butyl methyl ether | Skin - Irritation                  | Rabbit  | -     | -        | -           |
|                         | Eyes - Non-irritating to the eyes. | Rabbit  | -     | -        | -           |

**Skin** Causes skin irritation.

**Skin** Not classified. Based on available data, the classification criteria are not met.

#### Mutagenicity

| Product/ingredient name | Test                   | Experiment                                                                                  | Result   |
|-------------------------|------------------------|---------------------------------------------------------------------------------------------|----------|
| Gasoline                | Equivalent to OECD 476 | Experiment: In vitro<br>Subject: Mammal - species unspecified                               | Negative |
|                         | Equivalent to OECD 471 | Experiment: In vitro                                                                        | Negative |
|                         | EPA OPPTS 870.5395     | Subject: Non-mammalian species<br>Experiment: In vivo<br>Subject: Unspecified<br>Cell: Germ | Negative |
|                         | Equivalent to OECD 475 | Experiment: In vivo                                                                         | Negative |

## Section 11. Toxicological information

|                         |                                  |                                                              |          |
|-------------------------|----------------------------------|--------------------------------------------------------------|----------|
| tert-butyl methyl ether | EU B 13/14                       | Subject: Unspecified<br>Cell: Germ<br>Experiment: In vitro   | Negative |
|                         | OECD 471                         | Subject: Non-mammalian species<br>Experiment: In vitro       | Negative |
|                         | OECD 476                         | Subject: Non-mammalian species<br>Experiment: In vitro       | Negative |
|                         | Equivalent to OECD 473           | Subject: Non-mammalian species<br>Experiment: In vitro       | Negative |
|                         | Equivalent to OECD 486           | Subject: Non-mammalian species<br>Experiment: In vivo        | Negative |
|                         | Equivalent to EPA OPPTS 870.5385 | Subject: Unspecified<br>Cell: Somatic<br>Experiment: In vivo | Negative |
|                         | Equivalent to EPA OPPTS 798.5385 | Subject: Unspecified<br>Cell: Somatic<br>Experiment: In vivo | Negative |

### Conclusion/Summary

May cause genetic defects.

### Carcinogenicity

| Product/ingredient name | Result                                                                 | Species      | Dose   | Exposure               |
|-------------------------|------------------------------------------------------------------------|--------------|--------|------------------------|
| Gasoline                | Negative - Inhalation - Unspecified<br>Negative - Dermal - Unspecified | Rat<br>Mouse | -<br>- | 113 weeks<br>102 weeks |
| tert-butyl methyl ether | Positive - Inhalation - Unspecified                                    | Rat          | -      | 2 years                |

### Conclusion/Summary

May cause cancer

### Reproductive toxicity

| Product/ingredient name | Maternal toxicity | Fertility | Developmental toxin | Species | Dose       | Exposure     |
|-------------------------|-------------------|-----------|---------------------|---------|------------|--------------|
| Gasoline                | -                 | Negative  | -                   | Rat     | Inhalation | 2 generation |
| tert-butyl methyl ether | -                 | -         | Negative            | Rat     | Inhalation | 14 days      |
|                         | -                 | Negative  | -                   | Rat     | Inhalation | 2 generation |
|                         | -                 | -         | Negative            | Rat     | Inhalation | 9 days       |

### Specific target organ toxicity (single exposure)

| Name              | Category   | Route of exposure | Target organs                |
|-------------------|------------|-------------------|------------------------------|
| Gasoline          | Category 3 | -                 | Narcotic effects             |
| Benzene           | Category 3 | -                 | Respiratory tract irritation |
| diisopropyl ether | Category 3 | -                 | Narcotic effects             |
|                   | Category 3 | -                 | Narcotic effects             |

### Specific target organ toxicity (repeated exposure)

| Name    | Category   | Route of exposure | Target organs |
|---------|------------|-------------------|---------------|
| Benzene | Category 1 | -                 | blood system  |

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## Section 11. Toxicological information

### Aspiration hazard

#### Name

Gasoline

#### Result

ASPIRATION HAZARD - Category 1

### Information on likely routes of exposure

Routes of entry anticipated: Dermal, Inhalation.

### Potential acute health effects

#### Eye contact

No known significant effects or critical hazards.

#### Inhalation

Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

#### Skin contact

Causes skin irritation.

#### Ingestion

Irritating to mouth, throat and stomach. Aspiration hazard if swallowed -- harmful or fatal if liquid is aspirated into lungs.

### Symptoms related to the physical, chemical and toxicological characteristics

#### Eye contact

Adverse symptoms may include the following:  
pain or irritation  
watering  
redness

#### Inhalation

Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

#### Skin contact

Adverse symptoms may include the following:  
irritation  
redness

#### Ingestion

Adverse symptoms may include the following:  
nausea or vomiting

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Eye contact

Vapour, mist or fume may cause eye irritation. Exposure to vapour, mist or fume may cause stinging, redness and watering of the eyes.

#### Inhalation

Vapour, mist or fume may irritate the nose, mouth and respiratory tract.

#### Skin contact

Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

#### Ingestion

If swallowed, may irritate the mouth, throat and digestive system. If swallowed, may cause abdominal pain, stomach cramps, nausea, vomiting, diarrhoea, dizziness and drowsiness.

#### General

Solvent "sniffing" (abuse) or intentional overexposure to vapours can produce serious central nervous system effects, including unconsciousness, and possibly death.

#### Carcinogenicity

May cause cancer. Risk of cancer depends on duration and level of exposure.

#### Mutagenicity

May cause genetic defects.

#### 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.

### Numerical measures of toxicity

### Acute toxicity estimates

#### Route

#### ATE value

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**Language** ENGLISH

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## Section 11. Toxicological information

Inhalation (vapours)

1156.79 mg/l

### Other information

Gasoline - Excess exposure to vapors may produce headaches, dizziness, nausea, drowsiness, irritation of eyes, nose and throat and central nervous system depression. Aspiration of this material into the lungs can cause chemical pneumonia and can be fatal. Aspiration into the lungs can occur while vomiting after ingestion of this product. Inhalation of unleaded gasoline vapors did not produce birth defects in laboratory animals. Ingestion of this material can cause gastrointestinal irritation and diarrhea.

In a long-term inhalation study of whole unleaded gasoline vapors, exposure-related kidney damage and kidney tumors were observed in male rats. Similar kidney effects were not seen in female rats or in mice. At the highest exposure level (2056 ppm), female mice had an increased incidence of liver tumors. Results from subsequent scientific studies have shown that a broad variety of chemicals cause these kidney effects only in the male rat. Further studies have discovered the means by which the physiology of the male rat uniquely predispose it to these effects. Consequently, the Risk Assessment Forum of the Environmental Protection Agency has recognized that these responses are not predictive of a human health hazard. The liver tumors that were increased in the high-dose female mice are likewise of questionable significance because of their high spontaneous occurrence even without chemical exposure and because the rate of their occurrence is accelerated by a broad spectrum of chemicals not commonly considered to be carcinogens (e.g., phenobarbital). Thus, the significance of the mouse liver tumor response in terms of human health is questionable.

Gasoline is a complex mixture of hydrocarbons and contains benzene (typically no more than 2 volume%), toluene, and xylene. Chronic exposure to high levels of benzene has been shown to cause cancer (leukemia) in humans and other adverse blood effects (anemia). Benzene is considered a human carcinogen by IARC, NTP and OSHA. Over exposure to xylene and toluene can cause irritation to the upper respiratory tract, headache and narcosis. Some liver damage and lung inflammation were seen in chronic studies on xylene in guinea pigs but not in rats.

Solvent "sniffing" (abuse) or intentional overexposure to vapors can produce serious central nervous system effects, including unconsciousness, and possibly death.

Gasoline: Additional toxicity information on components.

Overexposure to n-hexane may cause progressive and potentially irreversible damage to the peripheral nervous system, particularly in the arms and legs. Studies in occupationally exposed individuals indicate that toluene exposure has been associated with impaired color vision and decreased performance in some neurobehavioral tests.

Prolonged high level exposure to toluene or xylene has caused some degree of hearing loss in experimental animals.

Inhalation of very high concentrations of gasoline vapors and some of its components can result in cardiac sensitization and irregular heartbeats, leading to potentially fatal changes in heart rhythms. Injection of adrenaline-like agents may enhance this effect.

Benzene: Acute toxicity of benzene results primarily from depression of the central nervous system (CNS). Inhalation of concentrations over 50 ppm can produce headache, lassitude, weariness, dizziness, drowsiness, or excitation. Exposure to very high levels can result in unconsciousness and death.

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## Section 11. Toxicological information

Benzene: Long-term overexposure to benzene has been associated with certain types of leukemia in humans. In addition, the International Agency for Research on Cancer (IARC), the National Toxicology Program, and OSHA consider benzene to be a human carcinogen. Chronic exposures to high levels of benzene have been reported to cause adverse blood effects including anemia. Benzene exposure can occur by inhalation and absorption through the skin.

Inhalation and forced feeding studies of benzene in laboratory animals have produced a carcinogenic response in a variety of organs, including possibly leukemia, other adverse effects on the blood, chromosomal changes and some effects on the immune system. Exposure to benzene at levels up to 300 ppm did not produce birth defects in animal studies; however, exposure to higher dosage levels resulted in a reduction of body weight of the rat pups (fetotoxicity). Changes in the testes have been observed in mice exposed to benzene at 300 ppm, but reproductive performance was not altered in rats exposed to benzene at the same level. Aspiration of this material into the lungs can cause chemical pneumonia and can be fatal. Aspiration into the lungs can occur while vomiting after ingestion of this material.

## Section 12. Ecological information

### Toxicity

| Product/ingredient name | Result                                     | Species        | Exposure |
|-------------------------|--------------------------------------------|----------------|----------|
| Gasoline                | Acute EC50 15.41 mg/l Nominal Fresh water  | Micro-organism | 40 hours |
|                         | Acute EL50 3.1 mg/l Nominal Fresh water    | Algae          | 72 hours |
|                         | Acute EL50 3.7 mg/l Nominal Fresh water    | Algae          | 96 hours |
|                         | Acute EL50 4.5 mg/l Nominal Fresh water    | Daphnia        | 48 hours |
|                         | Acute LL50 10 mg/l Nominal Fresh water     | Fish           | 96 hours |
|                         | Acute LL50 8.2 mg/l Nominal Fresh water    | Fish           | 96 hours |
|                         | Acute NOELR 0.5 mg/l Nominal Fresh water   | Algae          | 72 hours |
|                         | Acute NOELR 0.5 mg/l Nominal Fresh water   | Daphnia        | 48 hours |
|                         | Chronic EL50 10 mg/l Nominal Fresh water   | Daphnia        | 21 days  |
|                         | Chronic EL50 >40 mg/l Nominal Fresh water  | Daphnia        | 21 days  |
|                         | Chronic EL50 10 mg/l Nominal Fresh water   | Fish           | 21 days  |
|                         | Chronic LL50 5.2 mg/l Nominal Fresh water  | Fish           | 14 days  |
|                         | Chronic NOELR 2.6 mg/l Nominal Fresh water | Daphnia        | 21 days  |
|                         | Chronic NOELR 16 mg/l Nominal Fresh water  | Daphnia        | 21 days  |
|                         | Chronic NOELR 2.6 mg/l Nominal Fresh water | Fish           | 14 days  |
|                         | Chronic NOELR 2.6 mg/l Nominal Fresh water | Fish           | 21 days  |
|                         | Chronic PNEC >0.4 mg/kg                    | soil, plants   | -        |
| tert-butyl methyl ether | Acute EC50 472 mg/l Fresh water            | Daphnia        | 48 hours |
|                         | Acute LC50 200 mg/l Marine water           | Crustaceans    | 96 hours |
|                         | Acute LC50 672 mg/l Fresh water            | Fish           | 96 hours |
|                         | Acute LC50 574 mg/l Marine water           | Fish           | 96 hours |
|                         | Chronic NOEC 26 mg/l Marine water          | Crustaceans    | 28 days  |
|                         | Chronic NOEC 51 mg/l Fresh water           | Daphnia        | 21 days  |

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## Section 12. Ecological information

### Conclusion/Summary

Toxic to aquatic life with long lasting effects.

### Persistence and degradability

Expected to be biodegradable. Non-persistent per IMO criteria

| Product/ingredient name | Test              | Result                         | Dose             | Inoculum |
|-------------------------|-------------------|--------------------------------|------------------|----------|
| tert-butyl methyl ether | not guideline     | 100 % - 1.25 days              | -                | -        |
|                         | Modelled data     | 61 to 69 % - 151 days          | -                | -        |
|                         | OECD 301 D        | 9.24 % - Not readily - 28 days | -                | -        |
|                         | OECD 301 D        | 1.8 % - Not readily - 28 days  | -                | -        |
|                         | OECD 301 D        | 0 % - Not readily - 28 days    | -                | -        |
|                         | Modelled data     | 0 % - 250 days                 | -                | -        |
| Product/ingredient name | Aquatic half-life | Photolysis                     | Biodegradability |          |
| Gasoline                | -                 | -                              | Inherent         |          |

### Bioaccumulative potential

This product is not expected to bioaccumulate through food chains in the environment.

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| Gasoline                | 2 to 7             | -   | high      |
| Benzene                 | 2.13               | 11  | low       |
| diisopropyl ether       | 2.4                | -   | low       |
| 2-methylpropan-2-ol     | 0.317              | -   | low       |
| tert-butyl methyl ether | 1.04               | 1.5 | low       |

### Mobility in soil

#### Soil/water partition coefficient (K<sub>oc</sub>)

Not available.

#### Mobility

Spillages may penetrate the soil causing ground water contamination.

### Other ecological information

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

## Section 13. Disposal considerations

### Disposal methods

The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. 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. Vapour 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 spilt material and runoff and contact with soil, waterways, drains and sewers.

### Special Precautions for Landfill or Incineration

No additional special precautions identified.

## Section 14. Transport information

|                            | ADG                                                                                    | IMDG                                                                                                                                                                     | IATA                                                                                                     |
|----------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| UN number                  | UN1203                                                                                 | UN1203                                                                                                                                                                   | UN1203                                                                                                   |
| UN proper shipping name    | MOTOR SPIRIT or GASOLINE or PETROL                                                     | MOTOR SPIRIT or GASOLINE or PETROL.<br>Marine pollutant                                                                                                                  | MOTOR SPIRIT or GASOLINE or PETROL                                                                       |
| Transport hazard class(es) | 3<br> | 3<br>  | 3<br>                 |
| Packing group              | II                                                                                     | II                                                                                                                                                                       | II                                                                                                       |
| Environmental hazards      | No.                                                                                    | Yes.                                                                                                                                                                     | Yes. The environmentally hazardous substance mark is not required.                                       |
| Additional information     | <b>Hazchem code</b> 3YE<br><b>Initial emergency response guide</b> 14                  | The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.<br><b>Emergency schedules</b> F-E, S-E                                             | The environmentally hazardous substance mark may appear if required by other transportation regulations. |

**Special precautions for user** Not available.

**Transport in bulk according to IMO instruments**

**Proper shipping name**

MARPOL Annex 1 rules apply for bulk shipments by sea.  
Category: gasoline and spirits

## Section 15. Regulatory information

### Standard for the Uniform Scheduling of Medicines and Poisons

Not scheduled. When packed in containers having capacity of greater than 20 litres.

S5. When packed in containers having capacity of less than 20 litres.

### Model Work Health and Safety Regulations - Scheduled Substances

| <u>Ingredient name</u> | <u>Schedule</u>                                                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Benzene                | Restricted carcinogen [All uses involving benzene as a feedstock containing more than 50% of benzene by volume; Restricted use - Genuine research or analysis; For spray painting if the substance contains more than 1% by volume] |

### Montreal Protocol

| <u>Ingredient name</u> | <u>List name</u> | <u>Status</u> |
|------------------------|------------------|---------------|
| Not listed.            |                  |               |

### Stockholm Convention on Persistent Organic Pollutants

| <u>Ingredient name</u> | <u>List name</u> | <u>Status</u> |
|------------------------|------------------|---------------|
| Not listed.            |                  |               |

### Rotterdam Convention on Prior Informed Consent (PIC)

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## Section 15. Regulatory information

| <b>Ingredient name</b> | <b>List name</b> | <b>Status</b> |
|------------------------|------------------|---------------|
| Not listed.            |                  |               |

### International lists

#### National inventory

|                                                    |                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>REACH Status</b>                                | For the REACH status of this product please consult your company contact, as identified in Section 1. |
| <b>Australia inventory (AICS)</b>                  | Contact local supplier or distributor.                                                                |
| <b>Canada inventory</b>                            | Not determined.                                                                                       |
| <b>China inventory (IECSC)</b>                     | Not determined.                                                                                       |
| <b>Japan inventory (ENCS)</b>                      | Not determined.                                                                                       |
| <b>Korea inventory (KECI)</b>                      | At least one component is not listed.                                                                 |
| <b>Philippines inventory (PICCS)</b>               | Not determined.                                                                                       |
| <b>Taiwan Chemical Substances Inventory (TCSI)</b> | Not determined.                                                                                       |
| <b>United States inventory (TSCA 8b)</b>           | Not determined.                                                                                       |

## Section 16. Any other relevant information

### History

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date of printing</b>               | 5/26/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Date of issue/Date of revision</b> | 5/26/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Date of previous issue</b>         | 5/25/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Version</b>                        | 4.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Prepared by</b>                    | Product Stewardship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Key to abbreviations</b>           | ADG = Australian Dangerous Goods<br>ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>NOHSC = National Occupational Health and Safety Commission<br>REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]<br>STEL = Short term exposure limit<br>SUSMP = Standard Uniform Schedule of Medicine and Poisons<br>UN = United Nations<br>TWA = Time weighted average<br>VOC = Volatile Organic Compound<br>SADT = Self-Accelerating Decomposition Temperature<br>Varies = may contain one or more of the following 64741-88-4, 64741-89-5, 64741-95-3, 64741-96-4, 64742-01-4, 64742-44-5, 64742-45-6, 64742-52-5, 64742-53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-57-0, 64742-58-1, 64742-62-7, 64742-63-8, 64742-65-0, 64742-70-7, 72623-85-9, 72623-86-0, 72623-87-1 |

### Procedure used to derive the classification

|                                                    |                                        |                                      |
|----------------------------------------------------|----------------------------------------|--------------------------------------|
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## Section 16. Any other relevant information

| Classification                                                                                                                                                                                                                                                             | Justification                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| FLAMMABLE LIQUIDS - Category 1<br>SKIN CORROSION/IRRITATION - Category 2<br>GERM CELL MUTAGENICITY - Category 1B<br>CARCINOGENICITY - Category 1B<br>SPECIFIC TARGET ORGAN TOXICITY - SINGLE<br>EXPOSURE (Narcotic effects) - Category 3<br>ASPIRATION HAZARD - Category 1 | On basis of test data<br>Calculation method<br>Expert judgment<br>Expert judgment<br>Calculation method<br>Calculation method |

Indicates information that has changed from previously issued version.

### Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

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## Laboratory Results for Profile 637344IL



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

May 10, 2023

Harley White  
Greenbrier Rail Services  
15 Leland Street  
Peoria, IL 61602

RE: Greenbrier Castings TCLP Metals

Dear Harley White:

Please find enclosed the analytical results for the **4** sample(s) the laboratory received on **5/1/23 2:32 pm** and logged in under work order **GE00116**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the General Manager, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or [lisa.grant@pacelabs.com](mailto:lisa.grant@pacelabs.com).

A handwritten signature in black ink that reads 'Erin M. Lane'.

Erin Lane  
Project Manager  
(309)683-1767  
[erin.lane@pacelabs.com](mailto:erin.lane@pacelabs.com)

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

---

Work Order      GE00116

---

|     |                                                                |
|-----|----------------------------------------------------------------|
| YES | Samples received within temperature compliance when applicable |
| YES | COC present upon sample receipt                                |
| YES | COC completed & legible                                        |
| YES | Sampler name & signature present                               |
| YES | Unique sample IDs assigned                                     |
| YES | Sample collection location recorded                            |
| YES | Date & time collected recorded on COC                          |
| YES | Relinquished by client signature on COC                        |
| YES | COC & labels match                                             |
| YES | Sample labels are legible                                      |
| YES | Appropriate bottle(s) received                                 |
| YES | Sufficient sample volume received                              |
| YES | Sample containers received undamaged                           |
| NO  | Zero headspace, <6 mm present in VOA vials                     |
| NO  | Trip blank(s) received                                         |
| YES | All non-field analyses received within holding times           |
| NO  | Short hold time analysis                                       |
| YES | Current PDC COC submitted                                      |
| NO  | Case narrative provided                                        |



## ANALYTICAL RESULTS

Sample: GE00116-01

Name: Soil Sample 1 - Northwest Pile

Matrix: Soil - Composite

Sampled: 05/01/23 13:17

Received: 05/01/23 14:32

| Parameter                       | Result   | Unit | Qualifier | Prepared       | Dilution | MRL    | Analyzed       | Analyst | Method    |
|---------------------------------|----------|------|-----------|----------------|----------|--------|----------------|---------|-----------|
| <b><u>TCLP Metals - STL</u></b> |          |      |           |                |          |        |                |         |           |
| Final pH                        | 5.3      |      |           | 05/04/23 13:30 | 1        |        | 05/08/23 16:04 | RPB     | SW 1311*  |
| Mercury                         | < 0.0002 | mg/L |           | 05/05/23 16:05 | 1        | 0.0002 | 05/08/23 15:56 | BCH     | SW 7470   |
| Barium                          | 0.635    | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 16:51 | KAM     | EPA 6020  |
| Arsenic                         | 0.0228   | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 16:51 | KAM     | EPA 6020  |
| Cadmium                         | < 0.0100 | mg/L |           | 05/05/23 11:43 | 5        | 0.0100 | 05/08/23 16:51 | KAM     | EPA 6020  |
| Chromium                        | < 0.0800 | mg/L |           | 05/05/23 11:43 | 5        | 0.0800 | 05/08/23 16:51 | KAM     | EPA 6020  |
| Lead                            | 0.135    | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 16:51 | KAM     | EPA 6020A |
| Selenium                        | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 16:51 | KAM     | EPA 6020  |
| Silver                          | < 0.250  | mg/L |           | 05/05/23 11:43 | 5        | 0.250  | 05/09/23 16:15 | KAM     | EPA 6020  |

Sample: GE00116-02

Name: Soil Sample 2 - Southwest Pile

Matrix: Soil - Composite

Sampled: 05/01/23 13:22

Received: 05/01/23 14:32

| Parameter                       | Result   | Unit | Qualifier | Prepared       | Dilution | MRL    | Analyzed       | Analyst | Method    |
|---------------------------------|----------|------|-----------|----------------|----------|--------|----------------|---------|-----------|
| <b><u>TCLP Metals - STL</u></b> |          |      |           |                |          |        |                |         |           |
| Final pH                        | 5.6      |      |           | 05/04/23 13:30 | 1        |        | 05/08/23 16:04 | RPB     | SW 1311*  |
| Mercury                         | < 0.0002 | mg/L |           | 05/05/23 16:05 | 1        | 0.0002 | 05/08/23 15:56 | BCH     | SW 7470   |
| Barium                          | 0.564    | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:04 | KAM     | EPA 6020  |
| Arsenic                         | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:04 | KAM     | EPA 6020  |
| Cadmium                         | < 0.0100 | mg/L |           | 05/05/23 11:43 | 5        | 0.0100 | 05/08/23 17:04 | KAM     | EPA 6020  |
| Chromium                        | < 0.0800 | mg/L |           | 05/05/23 11:43 | 5        | 0.0800 | 05/08/23 17:04 | KAM     | EPA 6020  |
| Lead                            | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:04 | KAM     | EPA 6020A |
| Selenium                        | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:04 | KAM     | EPA 6020  |
| Silver                          | < 0.250  | mg/L |           | 05/05/23 11:43 | 5        | 0.250  | 05/09/23 16:41 | KAM     | EPA 6020  |



## ANALYTICAL RESULTS

Sample: GE00116-03

Name: Soil Sample 3 - Northeast Pile

Matrix: Soil - Composite

Sampled: 05/01/23 13:27

Received: 05/01/23 14:32

| Parameter                       | Result   | Unit | Qualifier | Prepared       | Dilution | MRL    | Analyzed       | Analyst | Method    |
|---------------------------------|----------|------|-----------|----------------|----------|--------|----------------|---------|-----------|
| <b><u>TCLP Metals - STL</u></b> |          |      |           |                |          |        |                |         |           |
| Final pH                        | 5.8      |      |           | 05/04/23 13:30 | 1        |        | 05/08/23 16:04 | RPB     | SW 1311*  |
| Mercury                         | < 0.0002 | mg/L |           | 05/05/23 16:05 | 1        | 0.0002 | 05/08/23 15:56 | BCH     | SW 7470   |
| Barium                          | 0.420    | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:23 | KAM     | EPA 6020  |
| Arsenic                         | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:23 | KAM     | EPA 6020  |
| Cadmium                         | < 0.0100 | mg/L |           | 05/05/23 11:43 | 5        | 0.0100 | 05/08/23 17:23 | KAM     | EPA 6020  |
| Chromium                        | < 0.0800 | mg/L |           | 05/05/23 11:43 | 5        | 0.0800 | 05/08/23 17:23 | KAM     | EPA 6020  |
| Lead                            | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:23 | KAM     | EPA 6020A |
| Selenium                        | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:23 | KAM     | EPA 6020  |
| Silver                          | < 0.250  | mg/L |           | 05/05/23 11:43 | 5        | 0.250  | 05/09/23 16:47 | KAM     | EPA 6020  |

Sample: GE00116-04

Name: Soil Sample 4 - Southeast Pile

Matrix: Soil - Composite

Sampled: 05/01/23 13:33

Received: 05/01/23 14:32

| Parameter                       | Result   | Unit | Qualifier | Prepared       | Dilution | MRL    | Analyzed       | Analyst | Method    |
|---------------------------------|----------|------|-----------|----------------|----------|--------|----------------|---------|-----------|
| <b><u>TCLP Metals - STL</u></b> |          |      |           |                |          |        |                |         |           |
| Final pH                        | 5.3      |      |           | 05/04/23 15:50 | 1        |        | 05/08/23 16:04 | RPB     | SW 1311*  |
| Mercury                         | < 0.0002 | mg/L |           | 05/05/23 16:05 | 1        | 0.0002 | 05/08/23 15:56 | BCH     | SW 7470   |
| Barium                          | 0.427    | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:30 | KAM     | EPA 6020  |
| Arsenic                         | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:30 | KAM     | EPA 6020  |
| Cadmium                         | < 0.0100 | mg/L |           | 05/05/23 11:43 | 5        | 0.0100 | 05/08/23 17:30 | KAM     | EPA 6020  |
| Chromium                        | < 0.0800 | mg/L |           | 05/05/23 11:43 | 5        | 0.0800 | 05/08/23 17:30 | KAM     | EPA 6020  |
| Lead                            | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:30 | KAM     | EPA 6020A |
| Selenium                        | < 0.0200 | mg/L |           | 05/05/23 11:43 | 5        | 0.0200 | 05/08/23 17:30 | KAM     | EPA 6020  |
| Silver                          | < 0.250  | mg/L |           | 05/05/23 11:43 | 5        | 0.250  | 05/09/23 16:54 | KAM     | EPA 6020  |



## NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

### Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Erin Lane, Project Manager

## CHAIN OF CUSTODY RECORD

**SAMPLE COLLECTED IN THE STATE OF IL**

[illegible]

**SUBCONTRACT ORDER****Transfer Chain of Custody****Pace Analytical Services, LLC****GE00116**

2-16

**SENDING LABORATORY**

PDC Laboratories, Inc.  
2231 W Altorfer Dr  
Peoria, IL 61615  
(800) 752-6651

**RECEIVING LABORATORY**

Pace Analytical Services, LLC - Hazelwood  
944 Anglum Road  
Hazelwood, MO 63042  
(314) 432-0550

**Sample:** GE00116-01  
**Name:** Soil Sample 1

**Sampled:** 05/01/23 13:17  
**Matrix:** Soil  
**Preservative:** Cool <6

| Analysis        | Due            | Expires        | Comments |
|-----------------|----------------|----------------|----------|
| 04-Ag 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-As 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-Ba 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-Cd 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-Cr 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-Hg TCLP      | 05/12/23 16:00 | 05/29/23 13:17 |          |
| 04-Pb 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-Se 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:17 |          |
| 04-SW TCLP 1311 | 05/12/23 16:00 | 05/29/23 13:17 |          |

**Sample:** GE00116-02  
**Name:** Soil Sample 2

**Sampled:** 05/01/23 13:22  
**Matrix:** Soil  
**Preservative:** Cool <6

| Analysis        | Due            | Expires        | Comments |
|-----------------|----------------|----------------|----------|
| 04-Ag 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-As 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-Ba 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-Cd 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-Cr 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-Hg TCLP      | 05/12/23 16:00 | 05/29/23 13:22 |          |
| 04-Pb 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-Se 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:22 |          |
| 04-SW TCLP 1311 | 05/12/23 16:00 | 05/29/23 13:22 |          |

**SUBCONTRACT ORDER****Transfer Chain of Custody****Pace Analytical Services, LLC****GE00116**

2-16

**SENDING LABORATORY**

PDC Laboratories, Inc.  
2231 W Altorfer Dr  
Peoria, IL 61615  
(800) 752-6651

**RECEIVING LABORATORY**

Pace Analytical Services, LLC - Hazelwood  
944 Anglum Road  
Hazelwood, MO 63042  
(314) 432-0550

**Sample: GE00116-03**  
**Name: Soil Sample 3**

**Sampled: 05/01/23 13:27**  
**Matrix: Soil**  
**Preservative: Cool <6**

| Analysis        | Due            | Expires        | Comments |
|-----------------|----------------|----------------|----------|
| 04-Ag 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-As 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-Ba 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-Cd 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-Cr 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-Hg TCLP      | 05/12/23 16:00 | 05/29/23 13:27 |          |
| 04-Pb 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-Se 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:27 |          |
| 04-SW TCLP 1311 | 05/12/23 16:00 | 05/29/23 13:27 |          |

**Sample: GE00116-04**  
**Name: Soil Sample 4**

**Sampled: 05/01/23 13:33**  
**Matrix: Soil**  
**Preservative: Cool <6**

| Analysis        | Due            | Expires        | Comments |
|-----------------|----------------|----------------|----------|
| 04-Ag 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-As 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-Ba 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-Cd 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-Cr 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-Hg TCLP      | 05/12/23 16:00 | 05/29/23 13:33 |          |
| 04-Pb 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-Se 6020 TCLP | 05/12/23 16:00 | 10/28/23 13:33 |          |
| 04-SW TCLP 1311 | 05/12/23 16:00 | 05/29/23 13:33 |          |

# SUBCONTRACT ORDER

Transfer Chain of Custody

Pace Analytical Services, LLC

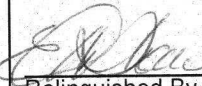
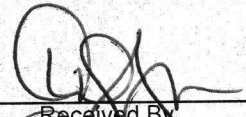
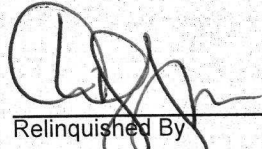
GE00116

2-16

Please email results to Erin Lane at [erin.lane@pacelabs.com](mailto:erin.lane@pacelabs.com)

Date Shipped: 5/2/23 Total # of Containers: 4 Sample Origin (State): IL PO #:       

Turn-Around Time Requested ☒ NORMAL ☐ RUSH Date Results Needed:                     

|                                                                                                       |                            |                                                                                                    |                                  |                                           |              |
|-------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------|--------------|
| <br>Relinquished By | <u>5/2/23</u><br>Date/Time | <br>Received By | <u>5-3-23</u><br>Date/Time       | Sample Temperature Upon Receipt           | <u>20</u> °C |
|                                                                                                       |                            |                                                                                                    |                                  | Sample(s) Received on Ice                 | Y or N       |
|                                                                                                       |                            |                                                                                                    |                                  | Proper Bottles Received in Good Condition | Y or N       |
|                                                                                                       |                            |                                                                                                    |                                  | Bottles Filled with Adequate Volume       | Y or N       |
|                                                                                                       |                            |                                                                                                    |                                  | Samples Received Within Hold Time         | Y or N       |
| <br>Relinquished By | <u>5-3-23</u><br>Date/Time | <br>Received By | <u>11:30 5-3-23</u><br>Date/Time | Date/Time Taken From Sample Bottle        | Y or N       |



## Memorandum

2314 West Altorfer Drive  
Peoria, IL 61615  
(309) 691-5300  
foth.com

November 15, 2023

TO: Peoria City/County Landfill Committee

CC: Mike Wiersema, Waste Management

FR: Dakota Ladwig, Foth Infrastructure & Environment, LLC (Foth)  
Josh Gabehart, Foth

RE: November 1, 2023 Gate Audit

A gate audit was conducted on November 1, 2023 at Peoria City/County Landfill No. 2 by Foth Infrastructure & Environment, LLC (Foth) to verify required procedures listed in "Procedures for General Refuse and Special Waste Received at the City of Peoria/County of Peoria Landfill No.2" (rev Oct 2019) are being adhered to.

### Records Review

- 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.
- Copies of the weekly random checks required by Part II. Section 22. of the permit were completed by Waste Management personnel and provided to Foth and filed in the gate house.
- Current Procedures (gate control, rejected load) are on file at the scale house.
- A load was rejected on October 27, 2023 for not being profiled correctly.
- The Digital Records program is being utilized with 95% of the customers going ticketless.

### 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 indicated there were no issues or inconsistencies that needed to be addressed. The scale house attendant

was very helpful in assisting Foth during this audit. Gate audit inspection records are attached.

**GATE CONTROL INSPECTION RECORD  
PEORIA CITY/COUNTY LANDFILL**

Inspection Date: 11/1/2023 Time: 9:45

**Gate Personnel:**

Name: Sarah Parks

Sig:

Sarah Parks

Name: \_\_\_\_\_

Sig: \_\_\_\_\_

Name: \_\_\_\_\_

Sig: \_\_\_\_\_

**Inspectors:**

Name: Mark Williams

Sig:

Mark Williams

Name: \_\_\_\_\_

Sig: \_\_\_\_\_

**Notes:**

All loads are in the system by either license plate or box #.  
All rolloffs are weighed in + out of the landfill. 95 % of  
the customers are ticketless. A ticket can be printed if customers  
request one. Gate personnel do an excellent job watching for  
prohibited items while treating customers courteously & professionally

**DIRECTIONS:**

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

**A. RECORD KEEPING**

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

II. Complete/Individual Waste Log

Up-to-date Entry:

☒ Y or N

All Items Entered:

☒ Y or N

**GATE CONTROL INSPECTION RECORD  
PEORIA CITY/COUNTY LANDFILL**

**III. Rejection Notice File**

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

Rejection notice is properly issued to: IEPA: \* ☒ Y or N

Generator: ☒ Y or N

IEPA: ☒ Y or N

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

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

*Load would be rejected until a profile is generated & approved. A load was rejected on 10/27/23 for not being profiled correctly.*

\* Applies to Manifested loads only

**IV. Current Procedures on File**

Gate control procedures: ☒ Y or N

Rejection procedure: ☒ Y or N

Training documentation: ☒ Y or N

Notes:

*No new scale house employees since last gate audit. New scale house employees would need training in scale house procedures. The Procedures for General Refuse Received at the City of Peoria*

**GATE CONTROL INSPECTION RECORD  
PEORIA CITY/COUNTY LANDFILL**

**B. SAFETY & HEALTH-PROTECTION EQUIPMENT ON-HAND**

|                              |                                       |
|------------------------------|---------------------------------------|
| Housekeeping, office:        | <input checked="" type="radio"/> or N |
| Housekeeping, platform:      | <input checked="" type="radio"/> or N |
| Tyvex cover-all:             | <input checked="" type="radio"/> or N |
| Plastic protective clothing: | <input checked="" type="radio"/> or N |
| Face shield:                 | <input checked="" type="radio"/> or N |
| Rubber gloves:               | <input checked="" type="radio"/> or N |
| Rubber boots:                | <input checked="" type="radio"/> or N |
| First aid kit:               | <input checked="" type="radio"/> or N |
| Fire extinguisher:           | <input checked="" type="radio"/> or N |
| Eye washer:                  | <input checked="" type="radio"/> or N |

Notes:

*Some of the items are located the maintenance building & can be brought to the scale house if needed.*

**LANDFILL FUND MONTHLY**
**REVENUE & EXPENSE BUDGET VS ACTUAL**

FOR YEARS ENDING DECEMBER 31, 2022 &amp; 2023

| DESCRIPTION                                              | JANUARY              |                     |                      | FEBRUARY              |                     |                      | MARCH                |                     |                       | APRIL                 |                     |                      |
|----------------------------------------------------------|----------------------|---------------------|----------------------|-----------------------|---------------------|----------------------|----------------------|---------------------|-----------------------|-----------------------|---------------------|----------------------|
|                                                          | 2022 Actual          | 2023 Budget         | 2023 Actual          | 2022 Actual           | 2023 Budget         | 2023 Actual          | 2022 Actual          | 2023 Budget         | 2023 Actual           | 2022 Actual           | 2023 Budget         | 2023 Actual          |
| <b>REVENUES</b>                                          |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| Host Fees                                                | \$ 38,683.18         | \$ 37,771.25        | \$ 31,130.61         | \$ 26,431.15          | \$ 37,771.25        | \$ 31,542.80         | \$ 22,840.33         | \$ 37,771.25        | \$ 28,823.05          | \$ 41,915.95          | \$ 37,771.25        | \$ 37,309.99         |
| Leases                                                   | \$ -                 | \$ 1,783.33         | \$ 1,062.54          | \$ 1,041.71           | \$ 1,783.33         | \$ -                 | \$ 2,083.42          | \$ 1,783.33         | \$ 4,971.56           | \$ -                  | \$ 1,783.33         | \$ 1,062.54          |
| Interest Earned - On Cash Balance                        | \$ 58.39             | \$ 250.00           | \$ 1,195.40          | \$ 56.81              | \$ 250.00           | \$ 866.07            | \$ 68.87             | \$ 250.00           | \$ 599.38             | \$ 96.84              | \$ 250.00           | \$ 630.01            |
| <b>TOTAL REVENUES</b>                                    | <b>\$ 38,741.57</b>  | <b>\$ 39,804.58</b> | <b>\$ 33,388.55</b>  | <b>\$ 27,529.67</b>   | <b>\$ 39,804.58</b> | <b>\$ 32,408.87</b>  | <b>\$ 24,992.62</b>  | <b>\$ 39,804.58</b> | <b>\$ 34,393.99</b>   | <b>\$ 42,012.79</b>   | <b>\$ 39,804.58</b> | <b>\$ 39,002.54</b>  |
| <b>EXPENSES</b>                                          |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| <b>Municipal Reimbursements</b>                          |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| City Personnel                                           | \$ -                 | \$ 6,333.33         | \$ 6,333.33          | \$ -                  | \$ 6,333.33         | \$ 6,333.33          | \$ -                 | \$ 6,333.33         | \$ 6,333.33           | \$ -                  | \$ 6,333.33         | \$ 6,333.33          |
| County Personnel                                         | \$ -                 | \$ 708.33           | \$ -                 | \$ -                  | \$ 708.33           | \$ -                 | \$ -                 | \$ 708.33           | \$ -                  | \$ -                  | \$ 708.33           | \$ -                 |
| City Audit                                               | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                  | \$ -                  | \$ 208.33           | \$ -                 |
| <b>Consultant Guidance and Operational Costs</b>         |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| General Guidance & Compliance (Clean Air Act Permit Rpt) | \$ -                 | \$ 10,000.00        | \$ -                 | \$ -                  | \$ 10,000.00        | \$ -                 | \$ -                 | \$ 10,000.00        | \$ 28,058.50          | \$ 34,069.33          | \$ 10,000.00        | \$ 6,377.86          |
| Groundwater Support/Reporting                            | \$ -                 | \$ 2,500.00         | \$ -                 | \$ -                  | \$ 2,500.00         | \$ -                 | \$ -                 | \$ 2,500.00         | \$ 11,875.46          | \$ 7,989.32           | \$ 2,500.00         | \$ 544.13            |
| LF#1 Gas System & Leache Management Ops.                 | \$ -                 | \$ 11,250.00        | \$ -                 | \$ -                  | \$ 11,250.00        | \$ -                 | \$ -                 | \$ 11,250.00        | \$ 18,979.08          | \$ 53,983.73          | \$ 11,250.00        | \$ 10,410.99         |
| IEPA Coordination / Reporting                            | \$ -                 | \$ -                | \$ -                 | \$ -                  | \$ -                | \$ -                 | \$ -                 | \$ -                | \$ -                  | \$ 5,256.61           | \$ -                | \$ -                 |
| LF#1 Construction Engineering                            | \$ -                 | \$ -                | \$ -                 | \$ -                  | \$ -                | \$ -                 | \$ -                 | \$ -                | \$ -                  | \$ -                  | \$ -                | \$ -                 |
| LF #2 to LF #3 Transition Activities                     | \$ -                 | \$ 1,666.67         | \$ -                 | \$ -                  | \$ 1,666.67         | \$ -                 | \$ -                 | \$ 1,666.67         | \$ 8,194.27           | \$ 2,898.42           | \$ 1,666.67         | \$ 2,214.81          |
| Solar Development                                        | \$ -                 | \$ 2,916.67         | \$ -                 | \$ -                  | \$ 2,916.67         | \$ -                 | \$ -                 | \$ 2,916.67         | \$ -                  | \$ -                  | \$ 2,916.67         | \$ 712.25            |
| <b>Contracted/Capital Improvements</b>                   |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| Post Closure Care                                        | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                  | \$ -                  | \$ 208.33           | \$ -                 |
| Leachate Extraction Improvements                         | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                  | \$ -                  | \$ 208.33           | \$ -                 |
| GCCS Improvement Projects                                | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                  | \$ -                  | \$ 208.33           | \$ -                 |
| Remediation Capital Project - \$150,000 budget           | \$ -                 | \$ -                | \$ -                 | \$ 38,360.00          | \$ -                | \$ -                 | \$ -                 | \$ -                | \$ -                  | \$ -                  | \$ -                | \$ -                 |
| <b>Committee's Operational Expenses</b>                  |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| Off-Site Liquids Disposal(Transport & Leachate Treatment | \$ -                 | \$ 833.33           | \$ -                 | \$ -                  | \$ 833.33           | \$ -                 | \$ 902.62            | \$ 833.33           | \$ 867.70             | \$ 1,778.92           | \$ 833.33           | \$ 1,287.00          |
| Telephone                                                | \$ -                 | \$ 33.33            | \$ -                 | \$ 36.03              | \$ 33.33            | \$ 36.01             | \$ 36.01             | \$ 33.33            | \$ 36.03              | \$ 36.01              | \$ 33.33            | \$ 36.01             |
| Electricity                                              | \$ 362.84            | \$ 500.00           | \$ -                 | \$ 385.50             | \$ 500.00           | \$ 655.93            | \$ 424.91            | \$ 500.00           | \$ 533.17             | \$ 355.74             | \$ 500.00           | \$ 623.39            |
| <b>Unplanned/Contingency</b>                             |                      |                     |                      |                       |                     |                      |                      |                     |                       |                       |                     |                      |
| Groundwater Assessments/Contingency                      | \$ -                 | \$ 416.67           | \$ -                 | \$ -                  | \$ 416.67           | \$ -                 | \$ -                 | \$ 416.67           | \$ -                  | \$ -                  | \$ 416.67           | \$ -                 |
| GCCS Contingency                                         | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                  | \$ -                  | \$ 208.33           | \$ -                 |
| Unplanned Services and Repairs                           | \$ -                 | \$ 833.33           | \$ -                 | \$ 223.50             | \$ 833.33           | \$ -                 | \$ -                 | \$ 833.33           | \$ 9,075.16           | \$ 714.07             | \$ 833.33           | \$ 290.85            |
| <b>TOTAL EXPENSES</b>                                    | <b>\$ 362.84</b>     | <b>\$ 39,033.33</b> | <b>\$ 6,333.33</b>   | <b>\$ 39,005.03</b>   | <b>\$ 39,033.33</b> | <b>\$ 7,025.27</b>   | <b>\$ 1,363.54</b>   | <b>\$ 39,033.33</b> | <b>\$ 83,952.70</b>   | <b>\$ 107,082.15</b>  | <b>\$ 39,033.33</b> | <b>\$ 28,830.62</b>  |
| <b>EXCESS REVENUES OVER EXPENSES</b>                     | <b>\$ 38,378.73</b>  | <b>\$ 771.25</b>    | <b>\$ 27,055.22</b>  | <b>\$ (11,475.36)</b> | <b>\$ 771.25</b>    | <b>\$ 25,383.60</b>  | <b>\$ 23,629.08</b>  | <b>\$ 771.25</b>    | <b>\$ (49,558.71)</b> | <b>\$ (65,069.36)</b> | <b>\$ 771.25</b>    | <b>\$ 10,171.92</b>  |
| <b>BEGINNING FUND BALANCE</b>                            | <b>\$ 336,531.96</b> |                     | <b>\$ 180,228.39</b> | <b>\$ 374,910.69</b>  |                     | <b>\$ 207,283.61</b> | <b>\$ 363,435.33</b> |                     | <b>\$ 232,667.21</b>  | <b>\$ 387,064.41</b>  |                     | <b>\$ 183,108.50</b> |
| <b>ENDING FUND BALANCE</b>                               | <b>\$ 374,910.69</b> |                     | <b>\$ 207,283.61</b> | <b>\$ 363,435.33</b>  |                     | <b>\$ 232,667.21</b> | <b>\$ 387,064.41</b> |                     | <b>\$ 183,108.50</b>  | <b>\$ 321,995.05</b>  |                     | <b>\$ 193,280.42</b> |

**LANDFILL FUND MONTHLY**
**REVENUE & EXPENSE BUDGET VS ACTUAL**

FOR YEARS ENDING DECEMBER 31, 2022 &amp; 2023

| DESCRIPTION                                              | MAY                    |                     |                       | JUNE                 |                     |                      | JULY                 |                     |                      | AUGUST                |                     |                      |
|----------------------------------------------------------|------------------------|---------------------|-----------------------|----------------------|---------------------|----------------------|----------------------|---------------------|----------------------|-----------------------|---------------------|----------------------|
|                                                          | 2022 Actual            | 2023 Budget         | 2023 Actual           | 2022 Actual          | 2023 Budget         | 2023 Actual          | 2022 Actual          | 2023 Budget         | 2023 Actual          | 2022 Actual           | 2023 Budget         | 2023 Actual          |
| <b>REVENUES</b>                                          |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| Host Fees                                                | \$ 34,547.93           | \$ 37,771.25        | \$ 40,354.88          | \$ 39,825.44         | \$ 37,771.25        | \$ 60,560.45         | \$ 42,404.46         | \$ 37,771.25        | \$ 46,494.83         | \$ 37,284.75          | \$ 37,771.25        | \$ 46,742.66         |
| Leases                                                   | \$ 2,104.25            | \$ 1,783.33         | \$ 1,083.79           | \$ 1,062.54          | \$ 1,783.33         | \$ 1,083.79          | \$ 6,042.22          | \$ 1,783.33         | \$ 1,083.79          | \$ 150.00             | \$ 1,783.33         | \$ 3,982.78          |
| Interest Earned - On Cash Balance                        | \$ 124.05              | \$ 250.00           | \$ 833.35             | \$ 175.46            | \$ 250.00           | \$ 637.63            | \$ 308.53            | \$ 250.00           | \$ 813.00            | \$ 465.63             | \$ 250.00           | \$ 979.56            |
| <b>TOTAL REVENUES</b>                                    | <b>\$ 36,776.23</b>    | <b>\$ 39,804.58</b> | <b>\$ 42,272.02</b>   | <b>\$ 41,063.44</b>  | <b>\$ 39,804.58</b> | <b>\$ 62,281.87</b>  | <b>\$ 48,755.21</b>  | <b>\$ 39,804.58</b> | <b>\$ 48,391.62</b>  | <b>\$ 37,900.38</b>   | <b>\$ 39,804.58</b> | <b>\$ 51,705.00</b>  |
| <b>EXPENSES</b>                                          |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| <b>Municipal Reimbursements</b>                          |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| City Personnel                                           | \$ -                   | \$ 6,333.33         | \$ 6,333.33           | \$ -                 | \$ 6,333.33         | \$ 6,333.33          | \$ -                 | \$ 6,333.33         | \$ 6,333.33          | \$ 50,666.67          | \$ 6,333.33         | \$ 6,333.33          |
| County Personnel                                         | \$ -                   | \$ 708.33           | \$ -                  | \$ -                 | \$ 708.33           | \$ -                 | \$ -                 | \$ 708.33           | \$ -                 | \$ -                  | \$ 708.33           | \$ -                 |
| City Audit                                               | \$ -                   | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 |
| <b>Consultant Guidance and Operational Costs</b>         |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| General Guidance & Compliance (Clean Air Act Permit Rpt) | \$ 16,778.74           | \$ 10,000.00        | \$ 16,224.02          | \$ 6,394.76          | \$ 10,000.00        | \$ 8,831.66          | \$ 9,569.22          | \$ 10,000.00        | \$ 6,556.67          | \$ 14,648.28          | \$ 10,000.00        | \$ -                 |
| Groundwater Support/Reporting                            | \$ 4,872.35            | \$ 2,500.00         | \$ 6,034.58           | \$ 514.72            | \$ 2,500.00         | \$ 1,099.44          | \$ 2,682.04          | \$ 2,500.00         | \$ 2,636.80          | \$ 414.01             | \$ 2,500.00         | \$ -                 |
| LF#1 Gas System & Leache Management Ops.                 | \$ 9,145.14            | \$ 11,250.00        | \$ 18,821.05          | \$ 7,349.70          | \$ 11,250.00        | \$ 11,740.82         | \$ 10,587.53         | \$ 11,250.00        | \$ 23,640.02         | \$ 10,879.09          | \$ 11,250.00        | \$ -                 |
| IEPA Coordination / Reporting                            | \$ -                   | \$ -                | \$ -                  | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                | \$ -                 | \$ -                  | \$ -                | \$ -                 |
| LF#1 Construction Engineering                            | \$ -                   | \$ -                | \$ -                  | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                | \$ -                 | \$ -                  | \$ -                | \$ -                 |
| LF #2 to LF #3 Transition Activities                     | \$ 3,524.66            | \$ 1,666.67         | \$ 6,415.78           | \$ 2,097.60          | \$ 1,666.67         | \$ -                 | \$ 1,622.25          | \$ 1,666.67         | \$ -                 | \$ 3,700.79           | \$ 1,666.67         | \$ -                 |
| Solar Development                                        | \$ -                   | \$ 2,916.67         | \$ 309.32             | \$ -                 | \$ 2,916.67         | \$ -                 | \$ -                 | \$ 2,916.67         | \$ 290.46            | \$ -                  | \$ 2,916.67         | \$ -                 |
| <b>Contracted/Capital Improvements</b>                   |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| Post Closure Care                                        | \$ -                   | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 |
| Leachate Extraction Improvements                         | \$ 150,900.90          | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 |
| GCCS Improvement Projects                                | \$ -                   | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 |
| Remediation Capital Project - \$150,000 budget           | \$ -                   | \$ -                | \$ -                  | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                | \$ -                 | \$ -                  | \$ -                | \$ -                 |
| <b>Committee's Operational Expenses</b>                  |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| Off-Site Liquids Disposal(Transport & Leachate Treatment | \$ 169.22              | \$ 833.33           | \$ 853.16             | \$ 1,837.06          | \$ 833.33           | \$ -                 | \$ 131.39            | \$ 833.33           | \$ 1,428.07          | \$ 930.62             | \$ 833.33           | \$ 1,393.49          |
| Telephone                                                | \$ -                   | \$ 33.33            | \$ 36.01              | \$ 72.02             | \$ 33.33            | \$ 36.01             | \$ 36.01             | \$ 33.33            | \$ 36.01             | \$ 36.01              | \$ 33.33            | \$ 36.01             |
| Electricity                                              | \$ 390.71              | \$ 500.00           | \$ -                  | \$ 412.52            | \$ 500.00           | \$ 527.78            | \$ 698.57            | \$ 500.00           | \$ 1,223.34          | \$ 662.73             | \$ 500.00           | \$ 613.01            |
| <b>Unplanned/Contingency</b>                             |                        |                     |                       |                      |                     |                      |                      |                     |                      |                       |                     |                      |
| Groundwater Assessments/Contingency                      | \$ -                   | \$ 416.67           | \$ -                  | \$ -                 | \$ 416.67           | \$ -                 | \$ -                 | \$ 416.67           | \$ -                 | \$ -                  | \$ 416.67           | \$ -                 |
| GCCS Contingency                                         | \$ -                   | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33           | \$ -                 | \$ -                  | \$ 208.33           | \$ -                 |
| Unplanned Services and Repairs                           | \$ 5,119.10            | \$ 833.33           | \$ 401.70             | \$ -                 | \$ 833.33           | \$ 1,774.50          | \$ 492.34            | \$ 833.33           | \$ 5,907.57          | \$ 5,127.97           | \$ 833.33           | \$ -                 |
| <b>TOTAL EXPENSES</b>                                    | <b>\$ 190,900.82</b>   | <b>\$ 39,033.33</b> | <b>\$ 55,428.95</b>   | <b>\$ 18,678.38</b>  | <b>\$ 39,033.33</b> | <b>\$ 30,343.54</b>  | <b>\$ 25,819.35</b>  | <b>\$ 39,033.33</b> | <b>\$ 48,052.27</b>  | <b>\$ 87,066.17</b>   | <b>\$ 39,033.33</b> | <b>\$ 8,375.84</b>   |
| <b>EXCESS REVENUES OVER EXPENSES</b>                     | <b>\$ (154,124.59)</b> | <b>\$ 771.25</b>    | <b>\$ (13,156.93)</b> | <b>\$ 22,385.06</b>  | <b>\$ 771.25</b>    | <b>\$ 31,938.33</b>  | <b>\$ 22,935.86</b>  | <b>\$ 771.25</b>    | <b>\$ 339.35</b>     | <b>\$ (49,165.79)</b> | <b>\$ 771.25</b>    | <b>\$ 43,329.16</b>  |
| <b>BEGINNING FUND BALANCE</b>                            | <b>\$ 321,995.05</b>   |                     | <b>\$ 193,280.42</b>  | <b>\$ 167,870.46</b> |                     | <b>\$ 180,123.49</b> | <b>\$ 190,255.52</b> |                     | <b>\$ 212,061.82</b> | <b>\$ 213,191.38</b>  |                     | <b>\$ 212,401.17</b> |
| <b>ENDING FUND BALANCE</b>                               | <b>\$ 167,870.46</b>   |                     | <b>\$ 180,123.49</b>  | <b>\$ 190,255.52</b> |                     | <b>\$ 212,061.82</b> | <b>\$ 213,191.38</b> |                     | <b>\$ 212,401.17</b> | <b>\$ 164,025.59</b>  |                     | <b>\$ 255,730.33</b> |

**LANDFILL FUND MONTHLY**
**REVENUE & EXPENSE BUDGET VS ACTUAL**

FOR YEARS ENDING DECEMBER 31, 2022 &amp; 2023

| DESCRIPTION                                              | SEPTEMBER            |                     |                       | OCTOBER              |                     |                      | NOVEMBER             |                      |                   | DECEMBER              |                     |                      |
|----------------------------------------------------------|----------------------|---------------------|-----------------------|----------------------|---------------------|----------------------|----------------------|----------------------|-------------------|-----------------------|---------------------|----------------------|
|                                                          | 2022 Actual          | 2023 Budget         | 2023 Actual           | 2022 Actual          | 2023 Budget         | 2023 Actual          | 2022 Actual          | 2023 Budget          | 2023 Actual       | 2022 Actual           | 2023 Budget         | 2023 Actual          |
| <b>REVENUES</b>                                          |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| Host Fees                                                | \$ 48,276.74         | \$ 37,771.25        | \$ 49,937.00          | \$ 41,887.25         | \$ 37,771.25        | \$ 45,897.53         | \$ 40,926.28         | \$ 37,771.25         |                   | \$ 37,270.01          | \$ 37,771.25        |                      |
| Leases                                                   | \$ -                 | \$ 1,783.33         | \$ 1,083.79           | \$ 7,953.74          | \$ 1,783.33         | \$ 1,083.79          | \$ 1,062.54          | \$ 1,783.33          |                   | \$ 2,125.08           | \$ 1,783.33         |                      |
| Interest Earned - On Cash Balance                        | \$ 615.72            | \$ 250.00           | \$ 835.08             | \$ 615.41            | \$ 250.00           |                      | \$ 906.94            | \$ 250.00            |                   | \$ 1,013.51           | \$ 250.00           |                      |
| <b>TOTAL REVENUES</b>                                    | <b>\$ 48,892.46</b>  | <b>\$ 39,804.58</b> | <b>\$ 51,855.87</b>   | <b>\$ 50,456.40</b>  | <b>\$ 39,804.58</b> | <b>\$ 46,981.32</b>  | <b>\$ 42,895.76</b>  | <b>\$ 39,804.58</b>  | <b>\$ -</b>       | <b>\$ 40,408.60</b>   | <b>\$ 39,804.58</b> | <b>\$ -</b>          |
| <b>EXPENSES</b>                                          |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| <b>Municipal Reimbursements</b>                          |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| City Personnel                                           | \$ 6,333.33          | \$ 6,333.33         | \$ 6,333.33           | \$ 6,333.33          | \$ 6,333.33         | \$ 6,333.33          | \$ 6,333.33          | \$ 6,333.33          |                   | \$ 6,333.34           | \$ 6,333.33         |                      |
| County Personnel                                         | \$ -                 | \$ 708.33           | \$ -                  | \$ -                 | \$ 708.33           | \$ -                 | \$ -                 | \$ 708.33            |                   | \$ 8,500.00           | \$ 708.33           |                      |
| City Audit                                               | \$ -                 | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ 2,500.00          | \$ 208.33            |                   | \$ -                  | \$ 208.33           |                      |
| <b>Consultant Guidance and Operational Costs</b>         |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| General Guidance & Compliance (Clean Air Act Permit Rpt) | \$ 7,834.09          | \$ 10,000.00        | \$ 8,581.96           | \$ 3,922.80          | \$ 10,000.00        | \$ 5,905.08          | \$ 6,192.98          | \$ 10,000.00         |                   | \$ 19,412.56          | \$ 10,000.00        |                      |
| Groundwater Support/Reporting                            | \$ 2,185.38          | \$ 2,500.00         | \$ 3,970.69           | \$ 1,522.10          | \$ 2,500.00         | \$ 2,046.61          | \$ 278.10            | \$ 2,500.00          |                   | \$ 3,688.12           | \$ 2,500.00         |                      |
| LF#1 Gas System & Leache Management Ops.                 | \$ 8,502.17          | \$ 11,250.00        | \$ 9,962.53           | \$ 7,400.38          | \$ 11,250.00        | \$ 13,056.17         | \$ 6,513.47          | \$ 11,250.00         |                   | \$ 12,459.91          | \$ 11,250.00        |                      |
| IEPA Coordination / Reporting                            | \$ 2,906.15          | \$ -                | \$ -                  | \$ 459.81            | \$ -                | \$ -                 | \$ -                 | \$ -                 |                   | \$ 3,050.86           | \$ -                |                      |
| LF#1 Construction Engineering                            | \$ -                 | \$ -                | \$ -                  | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                 |                   | \$ -                  | \$ -                |                      |
| LF #2 to LF #3 Transition Activities                     | \$ 5,809.20          | \$ 1,666.67         | \$ 22,359.89          | \$ 4,803.41          | \$ 1,666.67         | \$ 677.74            | \$ 1,410.07          | \$ 1,666.67          |                   | \$ 8,796.20           | \$ 1,666.67         |                      |
| Solar Development                                        | \$ -                 | \$ 2,916.67         | \$ 290.46             | \$ -                 | \$ 2,916.67         | \$ 193.64            | \$ -                 | \$ 2,916.67          |                   | \$ -                  | \$ 2,916.67         |                      |
| <b>Contracted/Capital Improvements</b>                   |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| Post Closure Care                                        | \$ -                 | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33            |                   | \$ -                  | \$ 208.33           |                      |
| Leachate Extraction Improvements                         | \$ -                 | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33            |                   | \$ -                  | \$ 208.33           |                      |
| GCCS Improvement Projects                                | \$ -                 | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33            |                   | \$ -                  | \$ 208.33           |                      |
| Remediation Capital Project - \$150,000 budget           | \$ -                 | \$ -                | \$ -                  | \$ -                 | \$ -                | \$ -                 | \$ -                 | \$ -                 |                   | \$ -                  | \$ -                |                      |
| <b>Committee's Operational Expenses</b>                  |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| Off-Site Liquids Disposal(Transport & Leachate Treatment | \$ 80.57             | \$ 833.33           | \$ 879.76             | \$ 1,596.03          | \$ 833.33           | \$ 441.09            | \$ -                 | \$ 833.33            |                   | \$ 2,304.61           | \$ 833.33           |                      |
| Telephone                                                | \$ 36.03             | \$ 33.33            | \$ 36.01              | \$ 36.01             | \$ 33.33            | \$ 36.01             | \$ 36.01             | \$ 33.33             | \$ 36.01          | \$ 72.02              | \$ 33.33            |                      |
| Electricity                                              | \$ 711.99            | \$ 500.00           | \$ -                  | \$ -                 | \$ 500.00           |                      | \$ 802.50            | \$ 500.00            |                   | \$ 1,312.70           | \$ 500.00           |                      |
| <b>Unplanned/Contingency</b>                             |                      |                     |                       |                      |                     |                      |                      |                      |                   |                       |                     |                      |
| Groundwater Assessments/Contingency                      | \$ -                 | \$ 416.67           | \$ -                  | \$ -                 | \$ 416.67           | \$ -                 | \$ -                 | \$ 416.67            |                   | \$ -                  | \$ 416.67           |                      |
| GCCS Contingency                                         | \$ -                 | \$ 208.33           | \$ -                  | \$ -                 | \$ 208.33           | \$ -                 | \$ -                 | \$ 208.33            |                   | \$ -                  | \$ 208.33           |                      |
| Unplanned Services and Repairs                           | \$ 9,831.76          | \$ 833.33           | \$ 15,297.99          | \$ 3,429.90          | \$ 833.33           | \$ -                 | \$ 2,101.20          | \$ 833.33            |                   | \$ 618.00             | \$ 833.33           |                      |
| <b>TOTAL EXPENSES</b>                                    | <b>\$ 44,230.67</b>  | <b>\$ 39,033.33</b> | <b>\$ 67,712.62</b>   | <b>\$ 29,503.77</b>  | <b>\$ 39,033.33</b> | <b>\$ 28,689.67</b>  | <b>\$ 26,167.66</b>  | <b>\$ 39,033.33</b>  | <b>\$ 36.01</b>   | <b>\$ 66,548.32</b>   | <b>\$ 39,033.33</b> | <b>\$ -</b>          |
| <b>EXCESS REVENUES OVER EXPENSES</b>                     | <b>\$ 4,661.79</b>   | <b>\$ 771.25</b>    | <b>\$ (15,856.75)</b> | <b>\$ 20,952.63</b>  | <b>\$ 771.25</b>    | <b>\$ 18,291.65</b>  | <b>\$ 16,728.10</b>  | <b>\$ 771.25</b>     | <b>\$ (36.01)</b> | <b>\$ (26,139.72)</b> | <b>\$ 771.25</b>    | <b>\$ -</b>          |
| <b>BEGINNING FUND BALANCE</b>                            | <b>\$ 164,025.59</b> |                     | <b>\$ 255,730.33</b>  | <b>\$ 168,687.38</b> |                     | <b>\$ 239,873.58</b> | <b>\$ 189,640.01</b> | <b>\$ 258,165.23</b> |                   | <b>\$ 206,368.11</b>  |                     | <b>\$ 258,129.22</b> |
| <b>ENDING FUND BALANCE</b>                               | <b>\$ 168,687.38</b> |                     | <b>\$ 239,873.58</b>  | <b>\$ 189,640.01</b> |                     | <b>\$ 258,165.23</b> | <b>\$ 206,368.11</b> | <b>\$ 258,129.22</b> |                   | <b>\$ 180,228.39</b>  |                     | <b>\$ 258,129.22</b> |

**Peoria City/County Landfill  
Cash Flow Statement - Cash Basis  
October 2023**

**Beginning Balance October 1, 2023** \$190,831.12

**Plus Deposits:**

|            |                             |             |
|------------|-----------------------------|-------------|
| 8/18/2023  | Waste Management - Host Fee | \$95,834.53 |
| 10/31/2023 | SBA Steel Lease             | \$1,083.79  |
| 9/30/2023  | Interest - Not Posted Yet   |             |

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\$96,918.32

**Less Electronic Debits & A/P Checks**

|            |                           |             |
|------------|---------------------------|-------------|
| 10/12/2023 | Foth                      | \$21,879.24 |
| 10/27/2023 | GFL                       | \$441.09    |
| 10/5/2023  | GFL                       | \$879.76    |
| 10/5/2023  | Verizon                   | \$36.01     |
| 9/30/2023  | City of Peoria Admin Fees | \$6,333.33  |

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\$29,569.43

**Ending Cash Balance October 31, 2023**

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\$258,180.01

**Peoria City/County Landfill No. 2**  
**Waste Management of Illinois, Inc.**  
**Monthly Activity Report**  
**Oct-23**

| Tonnage:                       |                                           | Current<br>Month   |                    | Landfill #2<br>Year to Date | Landfill #2<br>Year to Date |
|--------------------------------|-------------------------------------------|--------------------|--------------------|-----------------------------|-----------------------------|
|                                |                                           |                    |                    | 2023                        | 2022                        |
|                                | <b>General Refuse</b>                     |                    |                    |                             |                             |
|                                | Haulers                                   | 16,043.49          |                    | 146,362.36                  | 131,757.69                  |
|                                | County Res. Free Loads                    | 223.71             |                    | 2,651.09                    | 2,386.90                    |
|                                | County Res. \$5 Loads                     | 55.21              |                    | 142.54                      | 0.79                        |
|                                | Roadside                                  | 4.12               |                    | 140.86                      | 422.09                      |
|                                | T O T A L                                 | 16,326.53          |                    | 149,296.85                  | 134,567.47                  |
|                                | <b>Special Wastes</b>                     |                    |                    |                             |                             |
|                                | Industrial (Declassified)                 | 3,434.55           |                    | 14,084.11                   | 8,667.79                    |
|                                | Industrial (Exempt)                       | 0.00               |                    | 0.00                        | 0.00                        |
|                                | T O T A L                                 | 3,434.55           |                    | 14,084.11                   | 8,667.79                    |
| <b>TOTAL LANDFILL RECEIPTS</b> |                                           | <u>19,761.08</u>   |                    | <u>163,380.96</u>           | <u>143,235.26</u>           |
| <b>Yard Waste Receipts</b>     |                                           |                    |                    |                             |                             |
|                                | City Contract -                           | 0.00               |                    | 0.00                        | 0.00                        |
|                                | All Other                                 | 0.00               |                    | 0.00                        | 0.00                        |
|                                | T O T A L                                 | <u>0.00</u>        |                    | <u>0.00</u>                 | <u>0.00</u>                 |
|                                |                                           |                    |                    |                             |                             |
| Payments:                      | <b>Payable to City/County Committee</b>   |                    |                    |                             |                             |
|                                | General Refuse                            | Tons 16,043.49     |                    |                             |                             |
|                                |                                           | Rate \$ 2.75       |                    |                             |                             |
|                                |                                           | <u>\$44,119.60</u> | \$44,119.60        | \$402,496.49                | 353,110.61                  |
|                                | Special Waste - Ind.                      | Tons 3,434.55      |                    |                             |                             |
|                                |                                           | Rate \$ 2.75       |                    |                             |                             |
|                                |                                           | <u>\$9,445.01</u>  | \$9,445.01         | \$38,731.30                 | 23,229.68                   |
|                                | T O T A L                                 |                    | <u>\$53,564.61</u> | <u>\$441,227.79</u>         | <u>\$376,340.29</u>         |
|                                |                                           |                    |                    |                             |                             |
|                                |                                           |                    |                    |                             |                             |
|                                | <b>Payable to County</b>                  |                    |                    |                             |                             |
|                                | General Refuse                            | Tons 16,043.49     |                    |                             |                             |
|                                |                                           | Rate \$ 1.27       |                    |                             |                             |
|                                |                                           | <u>\$20,375.23</u> | \$20,375.23        | \$185,880.20                | 167,332.27                  |
|                                | Special Waste - Ind.                      | Tons 3,434.55      |                    |                             |                             |
|                                |                                           | Rate \$ 1.27       |                    |                             |                             |
|                                |                                           | <u>\$4,361.88</u>  | \$4,361.88         | \$17,886.82                 | 11,008.09                   |
|                                | T O T A L                                 |                    | <u>\$24,737.11</u> | <u>\$203,767.02</u>         | <u>\$178,340.36</u>         |
|                                |                                           |                    |                    |                             |                             |
|                                |                                           |                    |                    |                             |                             |
|                                | <b>Payable to/Receivable From County</b>  |                    |                    |                             |                             |
|                                | \$5 Loads                                 | Loads 1.00         |                    |                             |                             |
|                                |                                           | Rate \$ 5.00       |                    |                             |                             |
|                                |                                           | <u>\$5.00</u>      | \$5.00             | \$90.00                     | 190.00                      |
|                                | Less:                                     |                    |                    |                             |                             |
|                                | State Fee on Free and \$5 Loads           | Tons 278.92        |                    |                             |                             |
|                                |                                           | Rate \$ 2.22       |                    |                             |                             |
|                                |                                           | <u>(\$619.20)</u>  | (\$619.20)         | (\$6,201.86)                | (5,300.67)                  |
|                                | T O T A L                                 |                    | <u>(\$614.20)</u>  | <u>(\$6,111.86)</u>         | <u>(\$5,110.67)</u>         |
|                                |                                           |                    |                    |                             |                             |
| Tonnage:                       | <b>General Refuse &amp; Special Waste</b> |                    |                    |                             |                             |
|                                | In county                                 | 11,881.99          | 60.13%             | 94,487.47                   | 87,563.22                   |
|                                | Out of county                             | 7,879.09           | 39.87%             | 68,893.49                   | 55,672.04                   |
|                                | Mixed                                     | -                  | 0.00%              | -                           | -                           |
|                                | T O T A L                                 | <u>19,761.08</u>   | <u>100.00%</u>     | <u>163,380.96</u>           | <u>143,235.26</u>           |
|                                |                                           |                    |                    |                             |                             |



## REQUEST FOR DISCUSSION

**To:** Peoria City/County Landfill Committee Members

**From:** Seth Siergey & Ian Johnson, Waste Management

**AGENDA DATE REQUESTED:** November 15, 2023

**ACTION REQUESTED:** Receive and File Monthly Reports and **obtain required signatures as outlined below.**

**BACKGROUND:** Attached is the monthly activity report through October **2023**.

1. All weekly random load checks were completed and documented with no issues to report.
2. Seth Siergey is the new District Manager for PCC#2, replacing Christopher Peters. His contact information is [ssiergey@wm.com](mailto:ssiergey@wm.com).
3. 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