



LANDFILL – SOLID WASTE COMMITTEE

MEETING AGENDA MEETING

November 16, 2022, 3:00 PM

419 Fulton Street – Room 404

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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

ATTENDANCE

ANNOUNCEMENTS. ETC.

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 NOVEMBER 16, 2022. 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 NOVEMBER 16, 2022, 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 5, 2022, Regular Landfill Meeting Minutes

AGENDA ITEMS

- ITEM NO. 1** REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT, LLC
 A. Monthly Update
 B. Signature Approvals
 C. Profiled Waste Approvals
 D. Approve 2023 Meeting Schedule
- ITEM NO. 2** REPORT FROM PUBLIC WORKS ADMINISTRATION
 A. Landfill Monthly Budget Report
 B. Presentation of FY2023 Budget
- ITEM NO. 3** REPORT FROM WASTE MANAGEMENT
 A. Monthly Activity Reports
 B. Signature Approvals
- ITEM NO 4.** REPORT FROM GFL
 A. Monthly Activity Reports
 B. Signature Approvals

UNFINISHED BUSINESS

Solar Generation Update and Proposal Presentation

NEW BUSINESS

NONE

EXECUTIVE SESSION

NEXT MEETING

December 21, 2022, at 3 pm

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

CITY OF PEORIA – LANDFILL – SOLID WASTE

COMMITTEE ATTENDANCE

MEMBERS PRESENT: Stephen Morris, Rick Fox, Lester Bergsten, Sharon Williams, Stephen Van Winkle, Zachary Oyler, Timothy Riegenbach -7

MEMBERS ABSENT:

Others in Attendance: Ian Johnson, Donald Coats, Tara Van Hoof, Brittney Eagan, Randall Embry, Josh Gabehart, Jenny Vessel, Shaun Schoonover, Matt Coulter, Dave Bryant

ANNOUNCEMENTS. ETC.

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Morris opened the floor up to citizens comments. There were none.

MINUTES

REQUEST FOR APPROVAL OF THE PEORIA CITY/COUNTY LANDFILL

Changes to July 13, 2022, Regular Landfill Meeting Minutes

August 24, 2022, Regular Landfill Meeting and

September 23, 2022, Special Landfill Meeting

Bergsten Motioned to approve, Seconded by Bergsten

Fox pointed out that the July 13, 2022, minutes were to

acknowledge changes that were made.

Vote taken as a group: 7 yays, 0 nays.

AGENDA ITEMS

- ITEM NO. 1** **REPORT FROM FOTH INFRASTRUCTION & ENVIRONMENT, LLC**
 A. Monthly Update
 Gabehart: There have been no shut downs since the last meeting.

Gas Methane content was in the expected range for August and September. Total tonnage received was around 5,550 tons over the 2021 waste receipts. Foth is close to its budgeted spend amount due to the extra hours put in with the GFL landfill 3 negotiations. Gabehart asked if the Committee wanted Foth to continue to solar research this year or wait until next year.

Morris: asked if there was a window in which the Committee needed to make a decision regarding Solar installation.

Gabehart stated there is time to do research things in December and January and have decision made in March about Solar panels.

Morris stated Gabehart was wanting the committees approval to keep doing research even if it goes over budget because he did not participate the amount of leg work he was going to do with GFL. Is it the will of the committee, Is it not an action item, that we postpone futher discussion about this until the Spring or go full steam ahead with this knowing we will go over budget with them?

Fox: stated that this in an opportunity for income in future years that could help us and I would hate for us to miss this opportunity by not pursuing this now. If it is not \$100,000 over budget but say \$10,000, we pursue this still.

Gabehart: it will definitely not be \$100,000.

Morris: I sort of wanted to make sure that it was you know eyes wide open for the committee. I didn't want to. Be talking about this next year and him saying, yeah, I need it, you know, a budget amendment because of acts. And so why didn't you tell us.

Gabehart: I can do a budget proposal for the cost of looking into this and have it ready for the next meeting

Morris: Is this the will of the committee. We are not taking a vote on anything its just this was brought to our attention and we need to make sure the rest of the committee knows. The committee OK with that conceptually, Zach, you good with that? OK, alright, so. Keep going and uh and and give us an update. I mean keep doing it and then uh, we'll tell you to pump the brakes. If if the numbers get too out of whack. So OK, thank you. Alright. Anything else on the update?

Gabehart: Nothing on the update.

B. Signature Approvals

Morris: Can I get a motion to approve signatures?

Van Winkle motioned to approve signatures, Seconded by Bergstein.

Gabehart: Signature needed for Significant Modification Permit Application for an Alternate Source Demonstration at Wells G20S, G15S and G25S. We're waiting on sample results. I mean fourth quarter, but based on our total, we think we're gonna have to see with this. I don't get tired. The reason I'm asking a little more heated than normal is because it's the November and December time frame.

Morris: Any questions or comments?

Vote taken as a group: 7 yays, 0 nays.

C. Profiled Waste Approvals

Gabehart: This is just a receive in file no action needed

Morris: Do you want a motion for approval for anything that may come Up before the next meeting?

Gabehart: yes

Van Winkle motioned to approve signatures, Seconded by Bergstein.

Vote taken as a group: 7 yays, 0 nays.

ITEM NO. 2 REPORT FROM PUBLIC WORKS ADMINISTRATION

A. Landfill Monthly Budget Report

Schoonover: Expenses exceeded revenue by \$49,000. One item caused this. The City Finance Department announced start posting the city personnel monthly. So they got caught up in all this \$15,000 in August. September pretty much came in at budget, revenues exceeded expenses by \$4000. Year to date our revenues are in at \$346,000 that's about 72% of our budget. Nine months of the year will be 75%, so we're pretty much right on right on pace with revenues. And actually I've sent out invoices for some of the leases. So hopefully those little payments just start. Expenditures are on repeat every month and they are over budget for that 150,000 for four years is a big factor. Already hit close those expenditures about 77%. Year to date our excess of expenses is \$168,000. We also started on a budget.

Morris: Questions or comments?

Fox: From this budget process, what is the timing on that, that we will see it next month.

Morris: It is my recollection that its moved around to next.

Schoonover: I am new to this so we just present the budget and the committee votes on it at the next meeting.

Morris: I think what happens is you give it to us, give us kind of a high level and then everyone digested and then we and then we typically approve it at the next meeting or we come forward with what our concerns are and say we want to change this and that and then we have improving whatever to modify version.

ITEM NO. 3 REPORT FROM WASTE MANAGEMENT

A. Monthly Activity Reports

Johnson: tonnages are right in line with last years. ith respect to the MSW and then all the special waste, we've got a 5000 more tons uh for 2022. Overall we have more tons coming in vs. last year. We're still looking at closure date of the landfill around December, maybe January, February. December of 2024 January, February of 2025. So as we discussed last meeting and it that will vary obviously based upon the number of tons we take in over the next couple years, but we'll just keep giving the you know committee updates on that as we go through this. I'm asking for you were filing these reports and asking for obviously the required signatures at this meeting. We did weekly random load checks were all completed for the month. No issues noted. We're requesting Chairman Morris's signature for a permit application form for groundwater quality evaluation at three wells, G 102106 and 117. These were ones we discussed in the past. We've had magnesium exceedance at G102 sulfate at 106 and nitrate at 117,

wells, 106 and 117 are upgrading it wells of of the waste mass. Those are due to condition natural conditions and the aquifer from previous mining activities. The magnesium at G102 is also due to natural conditions. The agency recognizes this because they've given us intra well statistics for magnesium and I believe PCC one has similar types of issues at the landfill based upon the geology underneath the site. We're requesting, like I said, Chairman Morris's signature on a permit that's due October 31st. So I should have a draft of both to review this week. If there's no comments from them, then I will submit the forms to Chairman Morris for signature. Then, like I always ask for, if there's anything that comes up between now and the next meeting, Umm, we're requesting Chairman Morris's signature on anything. Obviously, with folks review first. So any, any questions?

Morris: I am 3 on the agenda says monthly activity reports. Didn't say anything about any signature approvals. Can we? OK. Yeah. It says it on. Yeah. It says it on their obtain required signatures as specified because that kind of happened.

Johnson: Josh told me to make sure I add that in there because it we, you guys, he couldn't sign anything, so you had to do a special committee for something to vote on that whether he could sign something. I'm asking for his signature here.

Morris: Yeah, it was in the packet. It's in the packet. It's in the packet.

Vessel: You can't vote on something that's not in the agenda. So its in the packet but its not in the agenda, so you shouldn't take a vote on it.

Morris: my recollection and how we handled this previously is Foth has given their approval and I've signed it and then my signature has been approved by the committee after that face, based on the timeline is that objectionable position for the committee. If it is, that's fine. You can. We can have a special committee meeting and have it posted correctly. What he is asking has to be approve is before us its just don't on the agenda.

Johnson: How do I get it on the agenda?

Morris: We're going to have a discussion about that after the meeting.

Bergsten: I saw go along with your suggestion.

Fox: I don't want to parse the legal things, but we do. I mean, one of the things that's being requested is is signatures in lieu of, you know that come up which between meetings. So we have a long history of doing basically what you're suggesting.

Morris: But what we've always done though is like continually reaffirm that that's what the committee wants me to do.

Vessel: Chairman Morris, in the agenda item, Josh was saying that number #3 in the agenda item is always in there about signature approvals and between, so I agree, I mean it's it's kind of a long standing tradition that. Always approve that same language, just didn't end up on the agenda. But I yeah, I don't want you to take a vote on it. But OK, I don't have an objection to your purpose.

Morris: Generically. OK with the committee. And that's how we'll proceed. All right. Thank you, Ian. Send that get folks approval, please. And then send the documents to me like you normally do.

Johnson: Thank you.

Morris: Anything else for Waste Management. There is no report from GFL listed however there is a report from GFL. I am going to turn things over to Matt Coulter.

Coulter: We came to a meeting that you guys had September 23rd. Brian

McGinnis, our local council, and myself, we left the meeting. The message was delivered very well by the committee here. We appreciate that we had a meeting with all with my boss and and some other folks at GFL. And we've made the decision to not go forward with transfer station we're going to go forward with the landfill as discussed. There's a few items that we still need to work through, which we'll do. I have told Chairman Morris about. So I'll give Dave Bryant our GM of the landfills if you don't mind. I'll let him give him a quick update. I do want the committee just to be very mindful. It is a moving target as you just heard, I think that was Ian from waste management. It's the first time I've heard 2025 thrown out. I think maybe you guys heard that as well. What I would tell you knowing the end of life of landfills and Davis managed several landfills in the past. I would not be surprised if that 2025 is pushed more to even further out. OK, this is not the first time this has happened. We thought we were going to be in this landfill in 2017, 2018 and we're in 2022. So just keep in mind, I would not be surprised this happened at Tazewell County Landfill when waste management had that site and somehow they found an additional year of space at that landfill and they thought it was going to close. so this is a moving target and that is the hard thing for companies like us to predict that when the spend capital, OK. So I'll let Dave give you an update. We will come to the next meeting. I think we're going to have two of the three signatures that will be required at that meeting on some permits. But anyway, Dave, if you want to give them a few updates on where we're at.

Bryant: Well, folks, the PO's are flying. I can tell you that we've issued PO's to do some work with groundwater monitoring wells that are currently on site. Getting those cleaned up and sampled want to have four quarters of sampling events at those groundwater wells prior to us occupying any space there. Saw the PO for a consultant to design. The first cell construction drawings. So we're moving along with all of those items and want to have boots on the ground as early as we possibly can next year. This project will go out to bid in 2022 and be ready to to get started 2023.

Bergsten: Any question about the permits? Is there any problem with the have to go back and get new permits if it's it's extended out?

Bryant: No

VanWinkle: I mean, so many putting Matt's comments together with Dave's that if in fact Landfill 2 doesn't close as predicted is delayed a few months that the that will be nothing more than would help you be prepared over the line until 3.

Bryant: Yeah, with the IPA delays that I think we all experienced, we are experiencing them at every site that we have. And then we've also heard they've got a mass exodus of people with retirements at the end of this year. I think more time helps all of us.

Morris: Anything else?

Williams: I didn't wanna request chairman of the Health Committee for Peoria County. Chris usually came quarterly to give us a report. Our next meeting is Tuesday, October 25th at noon. I didn't want to request a presence of someone at that meeting.

Coulter: I will be coming back from Europe, so I will not be able to attend, but maybe Dave can attend.

Bryant: I can attend, and where is that?

Williams: Its at the county

Johnson: I would like to say something about the tonnage and the closure date. We are not going to be finding all of a sudden a million cubic yards or tons. So we have a good handle of the volumetrics at this facility. So the only difference in the closure date is going to be based upon the tonnages that are brought into the landfill. So there's less times brought in. It's gonna take us longer to close and that's a function of GFL.

Morris: I understand that, Ian. But respectfully, I mean you have to concede that that number has moved back eight years. I mean, and and the tonnages hasn't, it hasn't dropped commensurate with eight years pushed back. I mean something else happening.

Johnson: So I took over the site in 2016. I'm trying to remember what it was back in 2016 when I took it over and I don't think it was any different maybe 2023-2024 since I've had the site. I don't know what it was when Dan, Ernie had the site. I'm just stating a fact that this 2018 maybe that was the case in 1996 or 1998 when the landfill opened. I don't know. I just seems like, you know, we got thrown under the bus there.

Coulter: No, when the RFP was done and the bids were done in 2009, they expect close that they landfill was, I think Josh 2017. So it has moved, I mean eight years, I mean it's moved eight years.

Morris: I didn't, Ian. You can certainly interpret comments however you want. I didn't take it as a criticism. I took it as a legitimate observation that the air space calculations have moved back eight years and I'm, and we've been told that it's better compaction rates. And we've been told more correct. Steve to recycling and but it hasn't dropped. The the the volume going in hasn't dropped commensurate with eight years being pushed back, or at least I, you know, I I I'm not a math major, but it doesn't seem to work out. I mean, it is what it is, right. You guys are file reporter. You already have and says you think it's January of 2025.

Johnson: Alright, sounds good. I I I'll go back and look at my data from when from 2016 forward and see what see if it's changed the time but thanks.

Morris: I've said repeatedly that I'd like to stay on the landfill committee until landfill three is open, and I'm I may not be able to make it. All right. Thank you, Ian. Anything under Uh, the CCR discussion? I think you kind of already covered the solar generation issue.

Gabehart: My request is on CCR, can we remove that or do you want to open?

Fox: Just come from that. From your side. I mean I would prefer to be moved removed from your side.

Coulter: I would prefer to be moved removed from, OK. It's just a very difficult way to handle our intent of that. Landfill is not the fill it with coal ash mean that that would be my advice to you all. If you have your own landfill, I wouldn't fill it with coal ash.

Morris: Alright, let's let's not hearing any objection. Let's take it off. Unfinished business. We'll leave the solar generation on. Consistent with what you already told us, Josh. Anything under new business.

UNFINISHED BUSINESS

CCR DISCUSSION REQUEST

Solar Generation Options

NEW BUSINESS

NONE

NEXT MEETING

November 16, 2022, at 3 pm

ADJOURNMENT

There being no further discussion, The Chairman declared the meeting adjourned

Draft

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



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

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

AGENDA DATE REQUESTED: NOVEMBER 16, 2022

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, 2022. The total amount billed to date is \$282,439. We are currently near planned spend. Operational efforts have leveled off after making repairs to landfill operations in the early part of the year, and efforts have been successful in bringing the budget back to planned.

Updates Regarding Compliance Activities, Measures, and Progress

- There has been one shutdown since the last meeting that required a 405 – CAAPP form. Flare was down 46 hours due to site power outage during a storm, winds prevented efforts to re-light.
- Gas methane content at the flare was 31.9% for the month of October, within the expected range.
- Since the last meeting, no leachate has been transported off-site to GPSD.
- Liquid levels in L303 and L301 have been dropping since the installation of the Grundfos pump (on the order of 3-3.5').
- Monthly tonnages through October are attached. Through October, general MSW was over the 2021 receipts by about 1,070 tons. Total tonnage received was approximately 8,170 tons over the 2021 waste receipts. There are no recommended changes to plan at this time.

FINANCIAL IMPACT: Through October 31, 2022, the total spend is 84.4% of the January through December 31, 2022 contract, which is very near the planned budget spend of 85.2%. Operational efforts in the beginning of the year have leveled out, which was anticipated after regulatory submittals and repairs were making landfill operations run more smoothly. Unanticipated efforts associated with solar research and the GFL contract negotiations have been applied to the current budget (primarily under Phase 5), which increased spend mid-year; however, efforts to bring the budget back to planned have been successful.

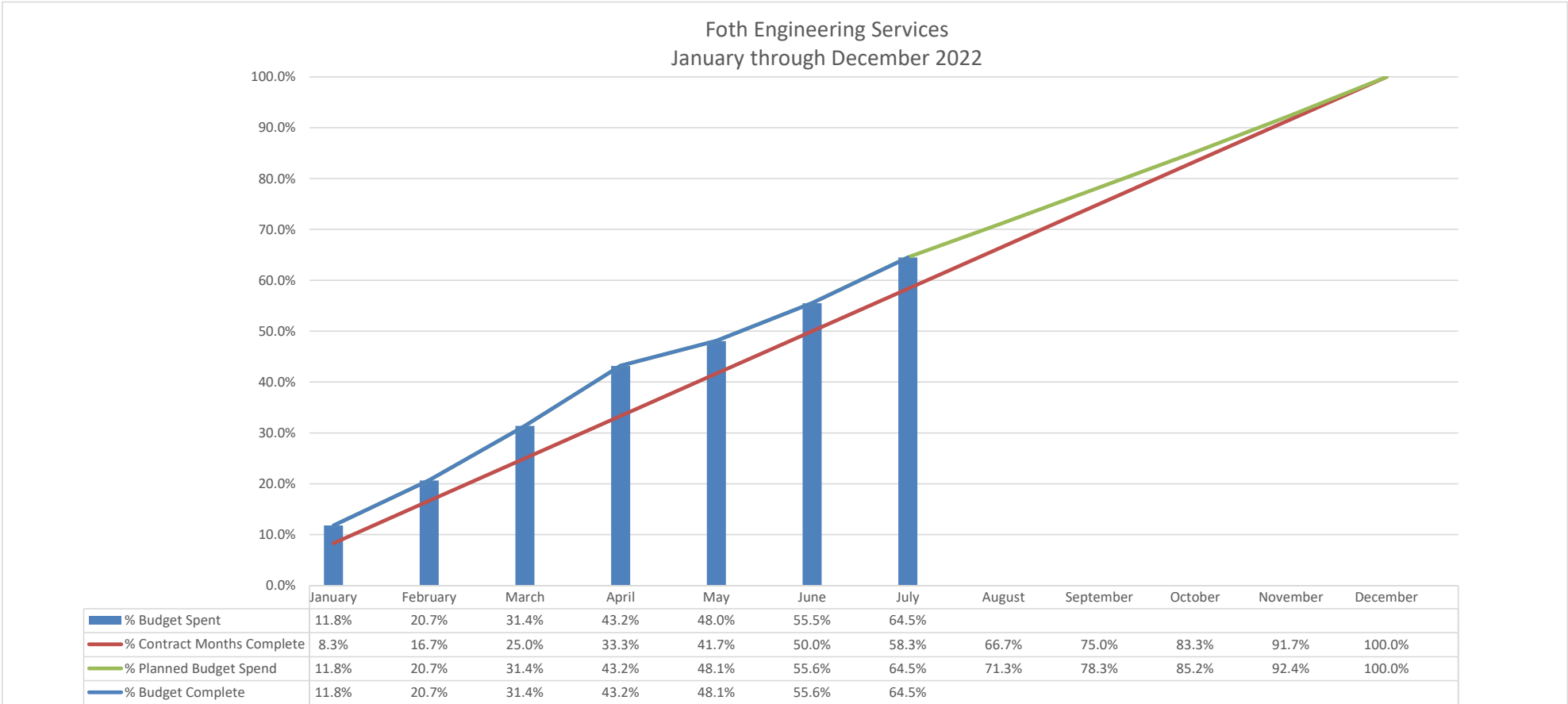
Since the Committee has chosen to pursue solar research more aggressively, a proposal is being presented to the Committee in a separate attachment to capture costs associated with additional efforts.

The attached monthly engineering services spreadsheet shows budgeted vs actual spends to date. Note that budgets for some of the phases have been adjusted (see Current Budget Estimate as compared to Beginning Estimate) to be more representative of budget spends to date and planned spends for the remainder of the year. Please note, the overall budget has not changed.

Phase/ Task	Description	Beginning Estimate	Current Budget 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	\$ 118,500	\$ 118,500	\$ 17,420	\$ 17,415	\$ 6,555	\$ 6,552	\$ 10,104	\$ 10,102	\$ 16,779	\$ 16,777	\$ 6,398	\$ 6,395	\$ 9,572	\$ 9,569
Phase 2	Groundwater Support and Data Review	\$ 48,500	\$ 41,700	\$ 5,444	\$ 5,441	\$ 1,638	\$ 1,637	\$ 912	\$ 912	\$ 4,873	\$ 4,872	\$ 515	\$ 515	\$ 2,683	\$ 2,682
Phase 3	Gas System and Leachate Management Operations	\$ 121,500	\$ 128,300	\$ 15,540	\$ 15,539	\$ 16,285	\$ 16,282	\$ 22,165	\$ 22,163	\$ 9,149	\$ 9,145	\$ 7,352	\$ 7,350	\$ 10,591	\$ 10,588
Phase 4	Landfill No. 1. Construction Engineering	\$ 5,500	\$ 10,500	\$ 800	\$ 765	\$ 4,500	\$ 4,492	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase 5	Landfill No. 2 and No. 3 Expansion/Transition	\$ 20,500	\$ 20,500	\$ -	\$ -	\$ 721	\$ 721	\$ 2,178	\$ 2,177	\$ 3,525	\$ 3,525	\$ 2,098	\$ 2,098	\$ 1,623	\$ 1,622
Phase 6	Unplanned GCCS Repairs/Emergency	\$ 20,000	\$ 15,000	\$ 250	\$ 270	\$ -	\$ -	\$ 450	\$ 444	\$ 5,200	\$ 5,119	\$ -	\$ -	\$ 500	\$ 492
	Total	\$334,500	\$ 334,500	\$39,454	\$39,431	\$29,699	\$29,683	\$35,809	\$35,797	\$39,526	\$39,439	\$16,363	\$16,357	\$24,969	\$24,953
	% Contract Months Complete			8.3%		16.7%		25.0%		33.3%		41.7%		50.0%	
	% Budget Spent			11.8%		20.7%		31.4%		43.2%		48.0%		55.5%	
	% Planned Budget Spend			11.8%		20.7%		31.4%		43.2%		48.1%		55.6%	

Operational Notes:

January - Phase 1: Worked on Annual Post Closure Cost Estimate to IEPA in January though it's not due until May 1 for internal resourcing purposes. Phase 3: Gas extraction well installation observation and issues with flare.
March - Phase 3: Significant effort to make needed repairs to the landfill operations.
April - Phase 1: CAAPP annual compliance reporting. Dam inspection. Phase 2: Work on annual report. Phase 3: Leachate pump installation and leachate pumping. Flare maintenance and replace thermo couplings. Phase 5: Review of contract terms.
June - Phase 1: Work on lease agreements. Solar research. More than typical waste profiles to review. Dam inspection documentation reporting. Phase 2: Prepared observed increase documentation. Phase 3: Surface emission monitoring. GPSD semi-annual reporting. GMD3 assessment monitoring report preparation. Phase 5: Review of contract terms, specifically transfer station. Phase 6: Pump replacement coordination.
July - Phase 1: Finalized lease agreements. PIM travel to Committee meeting. Committee meeting agenda preparation. IEPA waiver extension. Semi-annual air reporting. Phase 2: Prepared observed increase documentation. Phase 3: Leachate pumping and other onsite maintenance. Surface emission monitoring. GPSD semi-annual reporting. Phase 5: Review of contract terms, specifically transfer station. Solar research.
August - Phase 1: Waste profile review. IEPA extensions. Semi-annual air reporting. Phase 2: Prepared observed increase documentation. Phase 3: Leachate pumping and other onsite maintenance. Surface emission monitoring. GPSD semi-annual reporting. Phase 4: Construction documentation reporting. Phase 5: Review of GFL contract terms. Solar research. Phase 6: Unplanned repairs associated with BEA work.
September - Phase 1: Committee meeting agenda item preparation. Waste profile review. Phase 2: Prepared IEPA reports and corrective action update. Phase 3: Leachate pumping and other onsite maintenance. Off-site leachate disposal. Phase 4: Construction documentation reporting. Phase 5: GFL contract and solar research. Phase 6: Unplanned repairs associated with L303 pump.
October - Phase 1: Waste profile review. Dam inspection and documentation. Phase 2: Groundwater assessments. Phase 3: Leachate pumping and other onsite maintenance. AirTech Labs silco canister sampling. Phase 5: PCCL #3 transition. Solar proposal. Phase 6: Unplanned repairs regarding O2 and CH4.



Foth Infrastructure & Environment, LLC
22P300.00 - Engineering Services January - December 2022
Joint City and County of Peoria Landfill Committee

		July		August		September		October		November		December		YTD TOTAL		
Phase/ Task	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	% Complete
Phase 1	General Compliance and Guidance	\$ 14,652	\$ 14,648	\$ 7,420	\$ 7,834	\$ 7,400	\$ 3,923	\$ 7,400	\$ 6,095	\$ 7,400	\$ -	\$ 7,400	\$ -	\$ 118,500	\$ 99,311	84%
Phase 2	Groundwater Support and Data Review	\$ 415	\$ 414	\$ 3,500	\$ 2,185	\$ 3,790	\$ 1,522	\$ 4,000	\$ 278	\$ 5,000	\$ -	\$ 8,927	\$ -	\$ 41,700	\$ 20,458	49%
Phase 3	Gas System and Leachate Management Operations	\$ 10,634	\$ 10,629	\$ 6,371	\$ 8,502	\$ 6,354	\$ 7,400	\$ 8,856	\$ 6,513	\$ 8,856	\$ -	\$ 6,154	\$ -	\$ 128,300	\$ 114,111	89%
Phase 4	Landfill No. 1. Construction Engineering	\$ -	\$ -	\$ 2,500	\$ 2,906	\$ 2,700	\$ 460	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,500	\$ 8,623	82%
Phase 5	Landfill No. 2 and No. 3 Expansion/Transition	\$ 3,701	\$ 3,701	\$ 1,331	\$ 5,809	\$ 1,331	\$ 4,803	\$ 1,331	\$ 1,410	\$ 1,331	\$ -	\$ 1,331	\$ -	\$ 20,500	\$ 25,866	126%
Phase 6	Unplanned GCCS Repairs/Emergency	\$ 600	\$ 631	\$ 1,650	\$ 1,582	\$ 1,600	\$ 3,430	\$ 1,600	\$ 2,101	\$ 1,600	\$ -	\$ 1,550	\$ -	\$ 15,000	\$ 14,070	94%
	Total	\$30,002	\$30,023	\$22,772	\$28,819	\$23,175	\$21,538	\$23,187	\$16,398	\$24,187	\$0	\$25,362	\$0	\$ 334,500	\$ 282,439	84%
	% Contract Months Complete	58.3%		66.7%		75.0%		83.3%		91.7%		100.0%				
	% Budget Spent	64.5%		73.1%		79.5%		84.4%		84.4%		84.4%				
	% Planned Budget Spend	64.5%		71.3%		78.3%		85.2%		92.4%		100.0%				

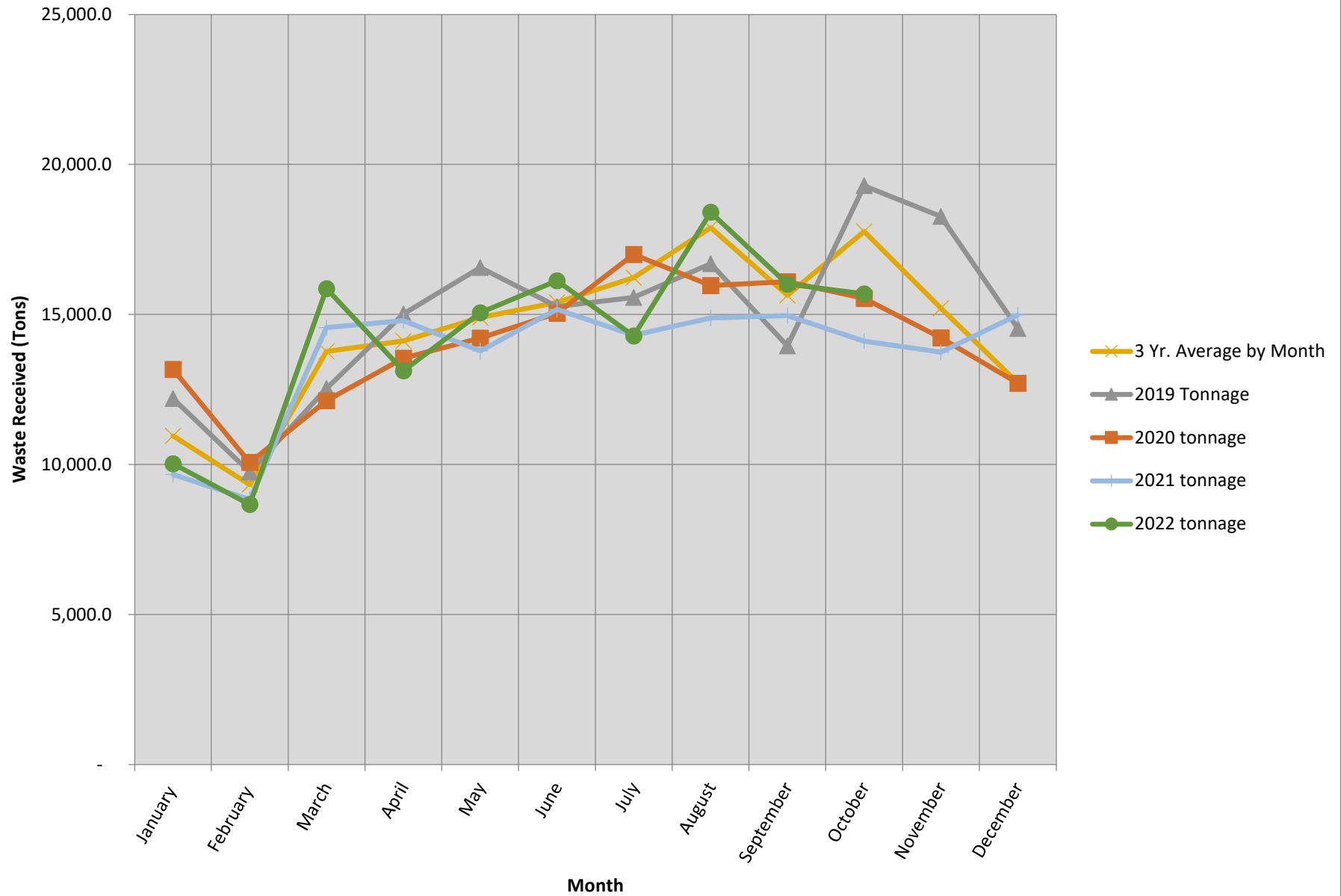
Operational Notes:

January - Phase 1: Worked on Annual Post Closure Cost Estimate to IEPA in January though it's not due until May 1 for internal resourcing purposes. Phase 3: Gas extraction well installation observation and issues with flare.
March - Phase 3: Significant effort to make needed repairs to the landfill operations.
April - Phase 1: CAAPP annual compliance reporting. Dam inspection. Phase 2: Work on annual report. Phase 3: Leachate pump installation and leachate pumping. Flare maintenance and replace thermo couplings. Phase 5: Review of contract terms.
June - Phase 1: Work on lease agreements. Solar research. More than typical waste profiles to review. Dam inspection documentation reporting. Phase 2: Prepared observed increase documentation. Phase 3: Surface emission monitoring. GPSD semi-annual reporting. GMD3 assessment monitoring report preparation. Phase 5: Review of contract terms, specifically transfer station. Phase 6: Pump replacement coordination.
July - Phase 1: Finalized lease agreements. PIM travel to Committee meeting. Committee meeting agenda preparation. IEPA waiver extension. Semi-annual air reporting. Phase 2: Prepared observed increase documentation. Phase 3: Leachate pumping and other onsite maintenance. Surface emission monitoring. GPSD semi-annual reporting. Phase 5: Review of contract terms, specifically transfer station. Solar research.
August - Phase 1: Waste profile review. IEPA extensions. Semi-annual air reporting. Phase 2: Prepared observed increase documentation. Phase 3: Leachate pumping and other onsite maintenance. Surface emission monitoring. GPSD semi-annual reporting. Phase 4: Construction documentation reporting. Phase 5: Review of GFL contract terms. Solar research. Phase 6: Unplanned repairs associated with BEA work.
September - Phase 1: Committee meeting agenda item preparation. Waste profile review. Phase 2: Prepared IEPA reports and corrective action update. Phase 3: Leachate pumping and other onsite maintenance. Off-site leachate disposal. Phase 4: Construction documentation reporting. Phase 5: GFL contract and solar research. Phase 6: Unplanned repairs associated with L303 pump.
October - Phase 1: Waste profile review. Dam inspection and documentation. Phase 2: Groundwater assessments. Phase 3: Leachate pumping and other onsite maintenance. AirTech Labs silco canister sampling. Phase 5: PCCL #3 transition. Solar proposal. Phase 6: Unplanned repairs regarding O2 and CH4.

Waste Received by Month PCCL Landfill No 2

Month	2009 Tonnage	2010 Tonnage	2011 Tonnage	2012 tonnage	2013 tonnage	2014 tonnage	2015 tonnage	2016 Tonnage	2017 Tonnage	2018 Tonnage	2019 Tonnage	2020 tonnage	2021 tonnage	2022 tonnage	5 Yr. Average by Month	3 Yr. Average by Month	2 Yr. Average by Month
January		14,431.52	12,725.65	14,240.62	14,610.96	14,531.08	12,592.84	13,255.78	16,148.43	11,730.59	12,199.76	13,168.18	9,667.53	10,021.13	11,357.4	10,952.3	9,844.3
February		15,894.61	11,801.18	12,687.38	11,401.56	11,689.56	11,134.61	14,992.00	11,959.48	12,244.04	9,746.12	10,070.59	8,832.31	8,670.38	10,253.8	9,329.9	9,191.1
March		18,583.87	16,782.75	15,932.67	15,541.87	17,911.20	16,961.56	15,881.57	14,204.13	14,516.49	12,533.33	12,128.74	14,559.55	15,860.15	13,967.1	13,770.4	14,182.8
April		26,745.51	17,454.25	15,124.74	17,520.91	20,643.72	17,815.96	16,231.71	14,883.60	14,573.51	15,014.76	13,541.53	14,791.33	13,123.26	14,321.3	14,117.7	13,818.7
May	20,133.56	19,407.83	20,487.42	17,240.20	20,317.50	21,031.20	17,917.75	17,708.52	18,306.44	17,568.27	16,560.81	14,209.21	13,779.53	15,056.74	15,913.5	14,901.6	14,348.5
June	20,475.23	21,131.53	24,351.74	17,105.57	18,499.18	20,827.22	19,736.45	17,890.95	19,901.95	16,896.60	15,267.88	15,037.75	15,171.04	16,120.02	16,999.0	15,399.2	15,152.8
July	20,661.46	20,973.17	16,942.32	21,823.32	18,609.20	21,915.44	23,147.79	15,088.31	17,685.91	16,116.44	15,569.30	17,000.88	14,309.57	14,284.38	16,292.2	16,228.9	16,285.1
August	20,340.96	21,409.82	21,819.77	19,446.75	21,574.24	18,623.82	22,247.53	17,744.07	20,548.26	16,445.70	16,690.04	15,963.12	14,881.66	18,405.77	18,716.6	17,894.7	16,567.9
September	25,985.03	19,026.96	18,894.15	15,522.33	19,379.80	17,722.38	16,520.05	18,890.92	18,155.15	14,809.20	13,953.48	16,095.09	14,965.24	16,009.40	16,675.2	15,639.3	14,381.3
October	20,916.49	26,063.78	18,830.50	17,422.79	17,710.37	20,212.83	17,158.59	16,091.54	17,772.77	16,235.75	19,289.83	15,531.79	14,112.35	15,684.03	17,793.6	17,766.1	17,762.8
November	17,819.70	22,795.94	15,497.95	18,059.00	21,043.51	14,511.80	16,349.64	14,459.79	17,273.03	13,895.01	18,263.39	14,222.22	13,741.19		15,792.1	15,209.3	16,079.2
December	16,085.02	18,432.75	15,433.43	13,256.07	32,699.22	14,951.07	16,504.84	13,168.40	12,764.20	12,208.30	14,534.79	12,708.54	14,983.92		14,021.9	12,713.6	13,371.5
Total	162,417.45	244,897.29	211,021.11	197,861.44	228,908.32	214,571.32	208,087.61	191,403.56	199,603.35	177,239.90	179,623.49	169,677.64	163,795.22	143,235.26	182,103.71	173,922.88	170,986.09
General MSW		211,129.29	190,333.16	180,882.84	209,441.95	198,971.42	191,767.47	182,787.68	187,239.69	173,804.02	161,919.10	161,970.42	159,145.96	134,567.47			
Profiled Waste Tons	22,238.00	33,768.00	20,687.95	16,978.60	19,466.37	15,599.90	16,320.14	8,615.88	12,363.66	3,435.88	17,704.39	7,707.22	4,649.26	8,667.79			

Waste Received by Month





REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

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

AGENDA DATE REQUESTED: November 16, 2022

ACTION REQUESTED: Approval for Chairman Morris' Signature

- PCC LF1 – Evaluation of Corrective Action Measures for the Landfill Gas/Groundwater Issues at Groundwater Wells G04S and R10S due to IEPA January 15, 2022.
- 405-CAAPP Form for Flare Shutdown that Exceeds the One Hour Duration

BACKGROUND: The Corrective Action Update Report is required to be submitted to the Illinois Environmental Protection Agency (IEPA) on an annual basis as stated in condition VIII.(2) of the facility's permit. This condition requires the following:

- A thorough discussion of groundwater concentration results at wells G04S and R10S;
- A thorough discussion on the landfill gas headspace monitoring results for wells G03S, G04S, G05S, R10S, G25S, and G26S;
- A thorough discussion on the operation of the flare;
- A thorough discussion on the ongoing repairs, maintenance, and upgrades of the GCCS;
- Additional corrective action measures approved in Log No. 2020-031; and
- If concentrations of 1,1-dichloroethane, cis-1,2-dichloroethylene, acetone, and dissolved arsenic at G04S and 1-dichloroethane, cis-1,2-dichloroethylene, and dissolved chloride at R10S have not decreased by January 15, 2022, additional corrective action will be proposed.

There was one shutdown lasting longer than one hour since the last Landfill Committee Meeting. The landfill gas system functioned as designed and there were no releases of gas to the atmosphere.

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

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



REQUEST FOR DISCUSSION

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

Agenda Date Requested: November 16, 2022

ACTION REQUESTED: Receive and file six, pre-approved waste profiles (633532IL, 633885IL, 633929IL, 633965IL, 634013IL, 634093IL).

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

1. Profile 633532IL from S. Shafer Excavating Inc. was pre-approved per the Non-Contaminated Soil and Debris Policy.
2. Profile 633885IL from Mike O'Conner was pre-approved per the Asbestos Containing Material Policy.
3. Profile 633929IL from S. Shafer Excavating Inc. was pre-approved per the Asbestos Containing Material Policy.
4. Profile 633965IL from Ryder Truck Rental, Inc. was pre-approved per the Contaminated Soil and Debris Policy.
5. Profile 634013IL from Illinois Department of Transportation was pre-approved per the Sandblast Grit Policy.
6. Profile 634093IL from Bottom Line Co was pre- approved per the Treated Wood Weathered 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 \$2,709.48 host fees.

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

November 16, 2022

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)

- S. Shafer Excavating Inc, Profile 633532IL
 - Non-Contaminated Soil and Debris Policy
 - 400 ton, one-time
 - Estimated Host Fee – \$1072.00
- Mike O'Connor, Profile 633885IL
 - Asbestos Containing Material Policy
 - 6 tons, one-time
 - Estimated Host Fee – \$16.08
- S. Shafer Excavating Inc, Profile 633929IL
 - Asbestos Containing Material Policy
 - 450 tons, one-time
 - Estimated Host Fee – \$1206.00
- Ryder Truck Rental, Inc., Profile 633965IL
 - Contaminated Soil and Debris Policy
 - 100 tons, one-time
 - Estimated Host Fee – \$268.00

- Illinois Dept of Transportation, Profile 634013IL
 - Sandblast Grit Policy
 - 15 tons, one-time
 - Estimated Host Fee – \$40.20
- Bottom Line Co, Profile 634093IL
 - Treated Wood - Weathered Policy
 - 40 tons, one-time
 - Estimated Host Fee – \$107.20

See attached profile sheets. SDSs and laboratory reports are provided in Attachment A.

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: Envirofil of IL Landfill, Peoria City - County Landfill ☐ Unsure Profile Number: 633532IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: S. Shafer Excavating Inc.
2. Generator Site Address: 360 E. Linn
(City, State, ZIP) Canton IL 61520
3. County: Fulton
4. Contact Name: Susan Shafer
5. Email: shaferexcinc@att.net
6. Phone: (618) 931-6237 7. Fax: (618) 931-8810
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 applicable samples and/or lab reports:

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

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

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

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

Name (Print): Susan Shafer Date: 10/03/2022
Title: Office Manager
Company: S. Shafer Excavating, Inc.

B. BILLING INFORMATION☐ SAME AS GENERATOR

1. Billing Name: S. Shafer Excavating Inc.
2. Billing Address: 4212 Sam's Road
(City, State, ZIP) Pontoon Beach IL 62040
3. Contact Name: Susan Shafer
4. Email: shaferexcinc@att.net
5. Phone: (618) 931-6237 6. Fax: (618) 931-8810
7. WM Hauled? ☐ Yes ☒ No
8. P.O. Number: na
9. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 400
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: Tractor Trailer
4. USDOT Proper Shipping Name: _____ ☒ N/A

Certification Signature
Susan or Tammy Shafer

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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: 633532IL

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

lead-based painted debris, liquids, asbestos, fluorescent light bulbs, PCB light ballasts, and PCB containing building materials such as caulk/glaze/mastic/ galbestos.

Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	
	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?

☐ Yes ☐ No

c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4.

☐ Yes ☐ No

d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?

☐ Yes ☐ No

→ If Yes, please check **one** of the following:

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

☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes: _____

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:

☐ Delisted Hazardous Waste

☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____

☐ Treated Hazardous Waste Debris

☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.

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

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

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

☐ Yes ☐ No

b. Does this material contain benzene?

☐ Yes ☐ No

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

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

d. Is this waste soil from a remediation?

☐ Yes ☐ No

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

_____ ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption: _____

h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF?

☐ Yes ☐ No

6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination?

☐ Yes ☐ No

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

8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 633885IL
☒ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: MIKE O'CONNOR
2. Generator Site Address: 710 EAST HIGH STREET
(City, State, ZIP) HENNEPIN IL 61327
3. County: Putnam
4. Contact Name: JoVonna L Kocher
5. Email: jkocher1@frontier.com
6. Phone: (309) 364-3672 7. Fax: (309) 364-2666
8. Generator EPA ID: _____ ☒ N/A
9. State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

1. Common Name: Asbestos-Non-Friable
Describe Process(es) Generating Material: ☐ See Attached

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

2. Material Composition and Contaminants: ☐ See Attached

1. Non-Friable Asbestos (Uncontaminated)	0-100 %
2.	
3.	
4.	

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

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

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

Name (Print): Jovonna Kocher Date: 09/28/2022
Title: ev
Company: Ed Hartwig Trucking & Excavating, INC

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

1. Billing Name: Ed Hartwig Trucking-Excavating, Inc.
2. Billing Address: 312 Jefferson St,
(City, State, ZIP) Henry IL 61537
3. Contact Name: JoVonna L Kocher
4. Email: jkocher1@frontier.com
5. Phone: (309) 364-3672 6. Fax: (309) 364-2666 x0000
7. WM Hauled? ☐ Yes ☒ No
8. P.O. Number: _____
9. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 6
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: 20 YARD
4. USDOT Proper Shipping Name: _____ ☒ N/A

Certification Signature*Jovonna Kocher*

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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: 6338851L

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

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

Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	
	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?

☐ Yes ☐ No

c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4.

☐ Yes ☐ No

d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?

☐ Yes ☐ No

→ If Yes, please check **one** of the following:

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

☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes:

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:

☐ Delisted Hazardous Waste

☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____

☐ Treated Hazardous Waste Debris

☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.

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

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

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

☐ Yes ☐ No

b. Does this material contain benzene?

☐ Yes ☐ No

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

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

d. Is this waste soil from a remediation?

☐ Yes ☐ No

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

_____ ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption: _____

h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF?

☐ Yes ☐ No

6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination?

☐ Yes ☐ No

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

8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 633929IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: S. Shafer Excavating Inc.
2. Generator Site Address: 360 E. Linn
(City, State, ZIP) Canton IL 61520
3. County: Fulton
4. Contact Name: Susan Shafer
5. Email: shaferexcinc@att.net
6. Phone: (618) 931-6237 7. Fax: (618) 931-8810
8. Generator EPA ID: _____ ☒ N/A
9. State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

1. Common Name: Asbestos-Non-Friable
Describe Process(es) Generating Material: ☐ See Attached

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

2. Material Composition and Contaminants: ☐ See Attached

1. Non-Friable Asbestos (Uncontaminated)	0-100 %
2.	
3.	
4.	

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

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

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

Name (Print): Susan Shafer Date: 10/03/2022
Title: Office Manager
Company: S. Shafer Excavating, Inc.

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

1. Billing Name: S. Shafer Excavating Inc.
2. Billing Address: 4212 Sam's Road
(City, State, ZIP) Pontoon Beach IL 62040
3. Contact Name: Susan Shafer
4. Email: shaferexcinc@att.net
5. Phone: (618) 931-6237 6. Fax: (618) 931-8810
7. WM Hauled? ☐ Yes ☒ No
8. P.O. Number: _____
9. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 450
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: Tractor Trailer
4. USDOT Proper Shipping Name: _____ ☒ N/A

Certification Signature*Susan or Tammy Shafer*

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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: 6339291L

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

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

Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	
	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?

☐ Yes ☐ No

c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4.

☐ Yes ☐ No

d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?

☐ Yes ☐ No

→ If Yes, please check **one** of the following:

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

☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes:

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:

☐ Delisted Hazardous Waste

☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____

☐ Treated Hazardous Waste Debris

☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.

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

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

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

☐ Yes ☐ No

b. Does this material contain benzene?

☐ Yes ☐ No

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

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

d. Is this waste soil from a remediation?

☐ Yes ☐ No

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

_____ ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption: _____

h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF?

☐ Yes ☐ No

6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination?

☐ Yes ☐ No

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

8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 633965IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Ryder Truck Rental, Inc.
2. Generator Site Address: 8619 N Industrial Pkwy
(City, State, ZIP) Peoria IL 61615
3. County: Peoria
4. Contact Name: Jason Blackburn
5. Email: _____
6. Phone: (330) 644-8893 7. Fax: _____
8. Generator EPA ID: _____ ☒ N/A
9. State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

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

1. Soil	99.9 %
2. Diesel	0.1 %
3.	
4.	

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

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

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

Name (Print): Joshua Bernat Date: 10/07/2022
Title: Pm
Company: RW Collins

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

1. Billing Name: RW Collins
2. Billing Address: 7225 W 66th St
(City, State, ZIP) Chicago IL 60638
3. Contact Name: Josh Bernat
4. Email: josh@rwcollins.com
5. Phone: (708) 458-6868 6. Fax: _____
7. WM Hauled? ☐ Yes ☒ No
8. P.O. Number: _____
9. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 100
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: _____
4. USDOT Proper Shipping Name: _____ ☒ N/A

Certification Signature*Joshua Bernat*

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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: 633965IL

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	
	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste

a. Please list all USEPA listed and characteristic waste code numbers:

b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)?

☐ Yes ☐ No

c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4.

☐ Yes ☐ No

d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)?

☐ Yes ☐ No

→ If Yes, please check **one** of the following:

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

☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.

2. State Hazardous Waste → Please list all state waste codes:

3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:

☐ Delisted Hazardous Waste

☒ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: B-10

☐ Treated Hazardous Waste Debris

☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.

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

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.

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

☐ Yes ☐ No

b. Does this material contain benzene?

☐ Yes ☐ No

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

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

d. Is this waste soil from a remediation?

☐ Yes ☐ No

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

_____ ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption: _____

h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF?

☐ Yes ☐ No

6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination?

☐ Yes ☐ No

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

8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____



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

F. Additional Waste Stream Information

Profile Number: 633965IL

Generators Name: Ryder Truck Rental, Inc.

Generators SITE Address: 8619 N Industrial Pkwy Peoria IL 61615
(The location where the waste is generated)

Waste Name: Soil contaminated with diesel fuel

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

Is the waste referenced above any of the following:

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

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

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

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

Select option: ☒ Pollution Control Waste ☐ Other

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

Name: (Print) Joshua Bernat Title: Pm

Signature: Joshua Bernat Date: 10/07/2022



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 634013IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- Generator Name: Illinois Dept of Transportation
- Generator Site Address: Roanoke Rd over I-39
(City, State, ZIP) El Paso IL 61738-0000
- County: Woodford
- Contact Name: John or Sid Tsahas
- Email: threestarpaintinginc@yahoo.com
- Phone: (219) 947-3021 7. Fax: (219) 947-3031
- Generator EPA ID: _____ ☒ N/A
- State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

- Common Name: Sandblast Grit
Describe Process(es) Generating Material: ☐ See Attached

Exterior surface blasting to remove paint/rust from structures. MSDS for sandblast media is attached.
- Material Composition and Contaminants: ☐ See Attached

1. Sandblast media, solids (paint chips/rust)	100 %
2.	
3.	
4.	

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

Sample ID 22J0055
- Other information attached (such as MSDS)? ☒ Yes

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

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

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

Name (Print): byron smith Date: 10/12/2022
Title: Bridge Painting Technician
Company: ILLINOIS DOT

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

- Billing Name: THREE STAR PAINTING INC
- Billing Address: 2880 EAST 84TH PLACE
(City, State, ZIP) MERRILLVILLE IN 46410
- Contact Name: Nicole Tsahas
- Email: THREESTARPAINTINGINC@YAHOO.COM
- Phone: (219) 947-3021 6. Fax: (219) 947-3031
- WM Hauled? ☒ Yes ☐ No
- P.O. Number: 68G78
- Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Quantity/Unit of Measure: 15
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other: _____
- Container Type and Size: 20 yd
- USDOT Proper Shipping Name: _____ ☒ N/A

Certification Signature

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

F. Additional Waste Stream Information

Profile Number: 634013IL

Generators Name: Illinois Dept of Transportation

Generators SITE Address: Roanoke Rd over I-39 El Paso IL 61738-0000
(The location where the waste is generated)

Waste Name: Sandblast Grit

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

Is the waste referenced above any of the following:

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

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

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

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

Select option: ☒ Pollution Control Waste ☐ Other

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

Name: (Print) byron smith Title: Bridge Painting Technician

Signature: Byron Smith Date: 10/12/2022



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 634093IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Bottom Line Co
2. Generator Site Address: 1990 East Washington St.
(City, State, ZIP) Peoria IL 61611
3. County: Tazewell
4. Contact Name: Josh Edge
5. Email: Josh.edge@gmail.com
6. Phone: (478) 954-9974 7. Fax: _____
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
Weathered Cross ties & timbers as we are replacing them on the railroad.
2. Material Composition and Contaminants: ☐ See Attached

1. <u>Weathered Cross ties & timbers</u>	<u>100 %</u>
2.	
3.	
4.	

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

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

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

Name (Print): Josh Edge Date: 10/19/2022
Title: Superintendent
Company: Bottom Line Company

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

1. Billing Name: Bottom Line Company
2. Billing Address: 11335FM556
(City, State, ZIP) Pittsburgh TX 75686
3. Contact Name: Josh Edge
4. Email: Josh.edge@gmail.com
5. Phone: (903) 767-1155 6. Fax: _____
7. WM Hauled? ☒ Yes ☐ No
8. P.O. Number: 22-4122
9. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

D. REGULATORY INFORMATION

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

F. SHIPPING AND DOT INFORMATION

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

Bottom line co**Certification Signature**



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

F. Additional Waste Stream Information

Profile Number: 634093IL

Generators Name: Bottom Line Company

Generators SITE Address: 1990 EastWashington St
(The location where the waste is generated)

Waste Name: Treated Wood - Weathered

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

Is the waste referenced above any of the following:

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

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

Ties

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):

These are just weathered ties and timbers

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) Josh Edge Title: Superintendent

Signature:  Date: 10/19/2022



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members
From: Chairman Stephen Morris

AGENDA DATE REQUESTED: November 16, 2022

ACTION REQUESTED: Approve 2023 Landfill Committee Meeting Schedule

BACKGROUND: At the beginning of each calendar or fiscal year, every public body must create and make available to the public the schedule for regular meetings that year, including the dates, times, and locations of the meetings. Notice shall be given by posting a copy of the notice at the principal office of the body holding the meeting or, if no such office exists, at the building in which the meeting is to be held. If the public body has a website maintained by its own full-time staff, then notice of all meetings must also be posted on that website.

If the public body changes the regular meeting schedule (as opposed to a particular meeting), it must give 10 calendar days' notice of the change by publicizing the change in the newspaper and by posting information concerning the schedule change at the principal office of the public body.

The following meeting schedules are proposed for 2023 for the Joint City of Peoria, County of Peoria Solid Waste Disposal Board. Per the Board's request, two schedule intervals have been proposed – every six (6) weeks and monthly (3rd Wednesday of each month). It is proposed that meetings will still be held at 3:00 PM at Room 404 in City Hall. Meetings will be assumed to have virtual option for attendance unless directed otherwise by the Committee.

Please note and for consideration, construction activities for Landfill 3 are set to begin in 2023. The monthly schedule would provide more updates to the Committee for construction activities and other business requirements of the Committee.

PROPOSED SIX (6) WEEK MEETING SCHEDULE FOR 2023

January 18, 2023

March 1, 2023

April 12, 2023

May 24, 2023

July 12, 2023

August 23, 2023

October 4, 2023

November 15, 2023

December 20, 2023

PROPOSED MONTHLY MEETING SCHEDULE FOR 2023

January 18, 2023

February 15, 2023

March 15, 2023

April 19, 2023

May 17, 2023

June 21, 2023

July 19, 2023

August 16, 2023

September 20, 2023

October 18, 2023

November 15, 2023

December 20, 2023

Should a need arise for the Committee to meet more frequently, a special meeting can be called following the already established practices of public bodies in the State of Illinois.

FINANCIAL IMPACT:



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Shaun Schoonover, Public Works Finance Manager

AGENDA DATE REQUESTED: November 16, 2022

ACTION REQUESTED: RECEIVE AND FILE MONTHLY FINANCIAL REPORT

BACKGROUND: Attached is the unaudited revenue and expense financial report for financial transactions through October 2022. The report includes prior year actual and current year budget for comparability. The October 2022 cash flow statement is also provided.

LANDFILL FUND MONTHLY
REVENUE & EXPENSE BUDGET VS ACTUAL
FOR YEARS ENDING DECEMBER 31, 2021 & 2022

DESCRIPTION	JANUARY			FEBRUARY			MARCH			APRIL		
	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual
REVENUES												
Host Fees	\$ 31,898.72	\$ 37,966.67	\$ 38,683.18	\$ 24,740.45	\$ 37,966.67	\$ 26,431.15	\$ 22,625.70	\$ 37,966.67	\$ 22,840.33	\$ 36,700.25	\$ 37,966.67	\$ 41,915.95
Leases	\$ -	\$ 1,854.17	\$ -	\$ 2,042.56	\$ 1,854.17	\$ 1,041.71	\$ -	\$ 1,854.17	\$ 2,083.42	\$ 2,042.56	\$ 1,854.17	\$ -
Interest Earned - On Cash Balance	\$ 76.46	\$ 208.33	\$ 58.39	\$ 63.74	\$ 208.33	\$ 56.81	\$ 64.58	\$ 208.33	\$ 68.87	\$ 56.78	\$ 208.33	\$ 96.84
TOTAL REVENUES	\$ 31,975.18	\$ 40,029.17	\$ 38,741.57	\$ 26,846.75	\$ 40,029.17	\$ 27,529.67	\$ 22,690.28	\$ 40,029.17	\$ 24,992.62	\$ 38,799.59	\$ 40,029.17	\$ 42,012.79
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ -	\$ 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	\$ -
Consultant Guidance and Operational Costs												
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ -	\$ 9,583.33	\$ -	\$ -	\$ 9,583.33	\$ -	\$ 12,344.72	\$ 9,583.33	\$ -	\$ 6,096.57	\$ 9,583.33	\$ 34,069.33
Groundwater Support/Reporting	\$ -	\$ 3,916.67	\$ -	\$ -	\$ 3,916.67	\$ -	\$ 8,713.80	\$ 3,916.67	\$ -	\$ 5,987.63	\$ 3,916.67	\$ 7,989.32
LF#1 Gas System & Leache Management Ops.	\$ -	\$ 9,833.33	\$ -	\$ -	\$ 9,833.33	\$ -	\$ 8,834.34	\$ 9,833.33	\$ -	\$ 8,053.81	\$ 9,833.33	\$ 53,983.73
IEPA Coordination / Reporting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,256.61
LF#1 Construction Engineering	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ 4,339.29	\$ 416.67	\$ -	\$ 6,943.64	\$ 416.67	\$ -
LF #2 to LF #3 Transition Activities	\$ -	\$ 1,666.67	\$ -	\$ -	\$ 1,666.67	\$ -	\$ 3,689.46	\$ 1,666.67	\$ -	\$ 373.38	\$ 1,666.67	\$ 2,898.42
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
Leachate Extraction Improvements	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
GCCS Improvement Projects	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
Remediation Capital Project - \$150,000 budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,360.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ -	\$ 1,270.83	\$ -	\$ -	\$ 1,270.83	\$ -	\$ 733.78	\$ 1,270.83	\$ 902.62	\$ 139.32	\$ 1,270.83	\$ 1,778.92
Telephone	\$ -	\$ 41.67	\$ -	\$ -	\$ 41.67	\$ 36.03	\$ 36.01	\$ 41.67	\$ 36.01	\$ 36.01	\$ 41.67	\$ 36.01
Electricity	\$ -	\$ 500.00	\$ 362.84	\$ 414.15	\$ 500.00	\$ 385.50	\$ 642.04	\$ 500.00	\$ 424.91	\$ -	\$ 500.00	\$ 355.74
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67	\$ -
GCCS Contingency	\$ -	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ -	\$ 5,839.60	\$ 833.33	\$ -	\$ 5,313.42	\$ 833.33	\$ -
Unplanned Services and Repairs	\$ -	\$ 1,666.67	\$ -	\$ -	\$ 1,666.67	\$ 223.50	\$ 4,039.33	\$ 1,666.67	\$ -	\$ -	\$ 1,666.67	\$ 714.07
TOTAL EXPENSES	\$ -	\$ 38,895.83	\$ 362.84	\$ 414.15	\$ 38,895.83	\$ 39,005.03	\$ 49,212.37	\$ 38,895.83	\$ 1,363.54	\$ 32,943.78	\$ 38,895.83	\$ 107,082.15
EXCESS REVENUES OVER EXPENSES	\$ 31,975.18	\$ 1,133.33	\$ 38,378.73	\$ 26,432.60	\$ 1,133.33	\$ (11,475.36)	\$ (26,522.09)	\$ 1,133.33	\$ 23,629.08	\$ 5,855.81	\$ 1,133.33	\$ (65,069.36)
BEGINNING FUND BALANCE	\$ 399,984.02		\$ 336,531.96	\$ 431,959.20		\$ 374,910.69	\$ 458,391.80		\$ 363,435.33	\$ 431,869.71		\$ 387,064.41
ENDING FUND BALANCE	\$ 431,959.20		\$ 374,910.69	\$ 458,391.80		\$ 363,435.33	\$ 431,869.71		\$ 387,064.41	\$ 437,725.52		\$ 321,995.05

LANDFILL FUND MONTHLY

REVENUE & EXPENSE BUDGET VS ACTUAL

FOR YEARS ENDING DECEMBER 31, 2021 & 2022

DESCRIPTION	MAY		JUNE		JULY		AUGUST	
	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget
REVENUES								
Host Fees	\$ 38,106.05	\$ 37,966.67	\$ 34,547.93	\$ 35,430.28	\$ 37,966.67	\$ 39,825.44	\$ 39,044.97	\$ 37,966.67
Leases	\$ -	\$ 1,854.17	\$ 2,104.25	\$ 1,041.71	\$ 1,854.17	\$ 1,062.54	\$ 4,862.16	\$ 1,854.17
Interest Earned - On Cash Balance	\$ 61.41	\$ 208.33	\$ 124.05	\$ 57.19	\$ 208.33	\$ 175.46	\$ 61.06	\$ 208.33
TOTAL REVENUES	\$ 38,167.46	\$ 40,029.17	\$ 36,776.23	\$ 36,529.18	\$ 40,029.17	\$ 41,063.44	\$ 43,968.19	\$ 40,029.17
EXPENSES								
Municipal Reimbursements								
City Personnel	\$ -	\$ 6,333.33	\$ -	\$ -	\$ 6,333.33	\$ -	\$ -	\$ 6,333.33
County Personnel	\$ -	\$ 708.33	\$ -	\$ 8,500.00	\$ 708.33	\$ -	\$ -	\$ 708.33
City Audit	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33
Consultant Guidance and Operational Costs								
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ -	\$ 9,583.33	\$ 16,778.74	\$ -	\$ 9,583.33	\$ 6,394.76	\$ 34,245.10	\$ 9,583.33
Groundwater Support/Reporting	\$ -	\$ 3,916.67	\$ 4,872.35	\$ -	\$ 3,916.67	\$ 514.72	\$ 12,400.10	\$ 3,916.67
LF#1 Gas System & Leache Management Ops.	\$ -	\$ 9,833.33	\$ 9,145.14	\$ -	\$ 9,833.33	\$ 7,349.70	\$ 25,498.80	\$ 9,833.33
IEPA Coordination / Reporting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LF#1 Construction Engineering	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ 1,892.01	\$ 416.67
LF #2 to LF #3 Transition Activities	\$ -	\$ 1,666.67	\$ 3,524.66	\$ -	\$ 1,666.67	\$ 2,097.60	\$ 4,614.41	\$ 1,666.67
Contracted/Capital Improvements								
Post Closure Care	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67
Leachate Extraction Improvements	\$ -	\$ 416.67	\$ 150,900.90	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67
GCSC Improvement Projects	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67
Remediation Capital Project - \$150,000 budget	\$ -	\$ -	\$ -	\$ 16,502.71	\$ -	\$ -	\$ -	\$ -
Committee's Operational Expenses								
Off-Site Liquids Disposal/Transport & Leachate Treatment	\$ -	\$ 1,270.83	\$ 169.22	\$ 45.69	\$ 1,270.83	\$ 1,837.06	\$ 2,270.74	\$ 1,270.83
Telephone	\$ 144.04	\$ 41.67	\$ -	\$ -	\$ 41.67	\$ 72.02	\$ 36.01	\$ -
Electricity	\$ 675.59	\$ 500.00	\$ 390.71	\$ -	\$ 500.00	\$ 412.52	\$ 354.82	\$ 500.00
Unplanned/Contingency								
Groundwater Assessments/Contingency	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67
GCSC Contingency	\$ -	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ -	\$ -	\$ 833.33
Unplanned Services and Repairs	\$ 6,050.00	\$ 1,666.67	\$ 5,119.10	\$ -	\$ 1,666.67	\$ -	\$ 3,452.56	\$ 1,666.67
TOTAL EXPENSES	\$ 6,869.63	\$ 38,895.83	\$ 190,900.82	\$ 25,048.40	\$ 38,895.83	\$ 18,678.38	\$ 84,764.55	\$ 38,895.83
EXCESS REVENUES OVER EXPENSES	\$ 31,297.83	\$ 1,133.33	\$ (154,124.59)	\$ 11,480.78	\$ 1,133.33	\$ 22,385.06	\$ (40,796.36)	\$ 1,133.33
BEGINNING FUND BALANCE	\$ 437,725.52		\$ 321,995.05	\$ 469,023.35		\$ 167,870.46	\$ 480,504.13	
ENDING FUND BALANCE	\$ 469,023.35		\$ 167,870.46	\$ 480,504.13		\$ 190,255.52	\$ 439,707.77	

LANDFILL FUND MONTHLY

REVENUE & EXPENSE BUDGET VS ACTUAL

FOR YEARS ENDING DECEMBER 31, 2021 & 2022

DESCRIPTION	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual	2021 Actual	2022 Budget	2022 Actual
REVENUES												
Host Fees	\$ 38,086.95	\$ 37,966.67	\$ 48,276.74	\$ 38,304.73	\$ 37,966.67	\$ 41,887.25	\$ 36,119.14	\$ 37,966.67		\$ 35,369.99	\$ 37,966.67	
Leases	\$ -	\$ 1,854.17	\$ -	\$ 2,083.42	\$ 1,854.17	\$ 7,953.74	\$ 2,083.42	\$ 1,854.17		\$ 1,041.71	\$ 1,854.17	
Interest Earned - On Cash Balance	\$ 70.90	\$ 208.33	\$ 615.72	\$ 61.46	\$ 208.33	\$ 615.41	\$ 107.65	\$ 208.33		\$ 51.62	\$ 208.33	
TOTAL REVENUES	\$ 38,157.85	\$ 40,029.17	\$ 48,892.46	\$ 40,449.61	\$ 40,029.17	\$ 50,456.40	\$ 38,310.21	\$ 40,029.17	\$ -	\$ 36,463.32	\$ 40,029.17	\$ -
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ -	\$ 6,333.33	\$ 6,333.33	\$ -	\$ 6,333.33	\$ 6,333.33	\$ 76,000.00	\$ 6,333.33		\$ -	\$ 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	
Consultant Guidance and Operational Costs												
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ 6,149.62	\$ 9,583.33	\$ 7,834.09	\$ 11,818.12	\$ 9,583.33	\$ 3,922.80	\$ 13,933.02	\$ 9,583.33		\$ 20,096.97	\$ 9,583.33	
Groundwater Support/Reporting	\$ 1,390.70	\$ 3,916.67	\$ 2,185.38	\$ 2,441.90	\$ 3,916.67	\$ 1,522.10	\$ 2,952.38	\$ 3,916.67		\$ 8,012.85	\$ 3,916.67	
LF#1 Gas System & Leache Management Ops.	\$ 4,576.49	\$ 9,833.33	\$ 8,502.17	\$ 8,275.52	\$ 9,833.33	\$ 7,400.38	\$ 7,015.53	\$ 9,833.33		\$ 13,872.61	\$ 9,833.33	
IEPA Coordination / Reporting	\$ -	\$ -	\$ 2,906.15	\$ -	\$ -	\$ 459.81	\$ -	\$ -		\$ -	\$ -	
LF#1 Construction Engineering	\$ 509.13	\$ 416.67	\$ -	\$ 6,348.81	\$ 416.67	\$ -	\$ 8,353.40	\$ 416.67		\$ -	\$ 416.67	
LF #2 to LF #3 Transition Activities	\$ -	\$ 1,666.67	\$ 5,809.20	\$ 456.81	\$ 1,666.67	\$ 4,803.41	\$ 325.48	\$ 1,666.67		\$ 1,045.97	\$ 1,666.67	
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67		\$ -	\$ 416.67	
Leachate Extraction Improvements	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67		\$ -	\$ 416.67	
GCCS Improvement Projects	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67		\$ -	\$ 416.67	
Remediation Capital Project - \$150,000 budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 791.00	\$ -		\$ -	\$ -	
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ -	\$ 1,270.83	\$ 80.57	\$ -	\$ 1,270.83	\$ 1,596.03	\$ 770.42	\$ 1,270.83		\$ 929.70	\$ 1,270.83	
Telephone	\$ 36.01	\$ 41.67	\$ 36.03	\$ 36.01	\$ 41.67	\$ 36.01	\$ -	\$ 41.67		\$ 144.04	\$ 41.67	
Electricity	\$ 868.41	\$ 500.00	\$ 711.99	\$ 162.67	\$ 500.00	\$ -	\$ 309.33	\$ 500.00		\$ 380.49	\$ 500.00	
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67	\$ -	\$ -	\$ 666.67		\$ -	\$ 666.67	
GCCS Contingency	\$ -	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ -	\$ 14,139.55	\$ 833.33		\$ -	\$ 833.33	
Unplanned Services and Repairs	\$ -	\$ 1,666.67	\$ 9,831.76	\$ 7,218.66	\$ 1,666.67	\$ 3,429.90	\$ 2,828.14	\$ 1,666.67		\$ 10,061.14	\$ 1,666.67	
TOTAL EXPENSES	\$ 13,530.36	\$ 38,895.83	\$ 44,230.67	\$ 36,758.50	\$ 38,895.83	\$ 29,503.77	\$ 129,918.25	\$ 38,895.83	\$ -	\$ 63,043.77	\$ 38,895.83	\$ -
EXCESS REVENUES OVER EXPENSES	\$ 24,627.49	\$ 1,133.33	\$ 4,661.79	\$ 3,691.11	\$ 1,133.33	\$ 20,952.63	\$ (91,608.04)	\$ 1,133.33	\$ -	\$ (26,580.45)	\$ 1,133.33	\$ -
BEGINNING FUND BALANCE	\$ 426,401.85		\$ 164,025.59	\$ 451,029.34		\$ 168,687.38	\$ 454,720.45	\$ 189,640.01	\$ 189,640.01	\$ 363,112.41	\$ 189,640.01	\$ 189,640.01
ENDING FUND BALANCE	\$ 451,029.34		\$ 168,687.38	\$ 454,720.45		\$ 189,640.01	\$ 363,112.41	\$ 189,640.01	\$ 189,640.01	\$ 336,531.96	\$ 189,640.01	\$ 189,640.01

LANDFILL FUND MONTHLY

REVENUE & EXPENSE BUDGET VS ACTUAL

FOR YEARS ENDING DECEMBER 31, 2021 & 2022

DESCRIPTION	FY2021 ACTUAL	FY2022 BUDGET	FY2022 YTD ACTUAL
REVENUES			
Host Fees	\$ 413,099.84	\$ 455,600.00	\$ 374,097.18
Leases	\$ 17,063.47	\$ 22,250.00	\$ 20,437.88
Interest Earned - On Cash Balance	\$ 804.87	\$ 2,500.00	\$ 2,585.71
TOTAL REVENUES	\$ 430,968.18	\$ 480,350.00	\$ 397,120.77
EXPENSES			
Municipal Reimbursements			
City Personnel	\$ 76,000.00	\$ 76,000.00	\$ 63,333.33
County Personnel	\$ 17,000.00	\$ 8,500.00	\$ -
City Audit	\$ 2,500.00	\$ 2,500.00	\$ -
Consultant Guidance and Operational Costs			
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ 124,318.14	\$ 115,000.00	\$ 93,217.22
Groundwater Support/Reporting	\$ 46,921.67	\$ 47,000.00	\$ 20,179.92
LF#1 Gas System & Leache Management Ops.	\$ 99,815.15	\$ 118,000.00	\$ 107,847.74
IEPA Coordination / Reporting	\$ -	\$ -	\$ 8,622.57
LF#1 Construction Engineering	\$ 28,793.13	\$ 5,000.00	\$ -
LF #2 to LF #3 Transition Activities	\$ 11,156.47	\$ 20,000.00	\$ 24,456.33
Contracted/Capital Improvements			
Post Closure Care	\$ -	\$ 5,000.00	\$ -
Leachate Extraction Improvements	\$ -	\$ 5,000.00	\$ 150,900.90
GCCS Improvement Projects	\$ -	\$ 5,000.00	\$ -
Remediation Capital Project - \$150,000 budget	\$ 17,293.71	\$ -	\$ 38,360.00
Committee's Operational Expenses			
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ 5,766.58	\$ 15,250.00	\$ 7,426.43
Telephone	\$ 468.13	\$ 500.00	\$ 324.13
Electricity	\$ 4,295.86	\$ 6,000.00	\$ 4,405.51
Unplanned/Contingency			
Groundwater Assessments/Contingency	\$ -	\$ 8,000.00	\$ -
GCCS Contingency	\$ 25,292.57	\$ 10,000.00	\$ -
Unplanned Services and Repairs	\$ 34,798.83	\$ 20,000.00	\$ 24,938.64
TOTAL EXPENSES	\$ 494,420.24	\$ 466,750.00	\$ 544,012.72
EXCESS REVENUES OVER EXPENSES	\$ (63,452.06)	\$ 13,600.00	\$ (146,891.95)
BEGINNING FUND BALANCE	\$ 399,984.02		\$ 336,531.96
ENDING FUND BALANCE	\$ 336,531.96		\$ 189,640.01

Peoria City/County Landfill
Cash Flow Statement - Cash Basis
October 2022

Beginning Balance October 1, 2022		\$168,687.38
Plus Deposits:		
10/3/2022	SBA Steel	\$1,062.54
10/18/2022	Jerry T Wyatt	\$1,298.92
10/18/2022	Steven R. Harrenberg	\$424.32
10/17/2022	Beecher Farm	\$2,841.92
10/25/2022	SBA Steel	\$1,062.54
10/31/2022	Waste Management - Host Fee	\$41,887.25
10/31/2022	Interest	\$614.12
		\$49,191.61
Less Electronic Debits & A/P Checks		
10/7/2022	Verizon Wireless	\$36.01
10/7/2022	GFL - Green for Life	\$901.60
10/14/2022	Ameren Illinois	\$694.43
10/21/2022	Foth Infrastructure & Environmental	\$21,538.40
10/31/2022	City of Peoria Admin Fees	\$6,333.33
		\$29,503.77
Ending Cash Balance October 31, 2022		
		<u><u>\$188,375.22</u></u>



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Joshua Gabehart, Tara Van Hoof

AGENDA DATE REQUESTED: November 16, 2022

ACTION REQUESTED: Request to Approve the FY2023 Landfill Committee Budget

BACKGROUND:

FY2023 Draft Budget

A draft FY2023 budget is attached. The 2021 actual revenues and expenses, 2022 budget, and 2022 year-to-date expenditures through October are also included for reference. Foth and City staff drafted the projected budget based on historical costs and Waste Management tonnage projections.

On the expense side, overall operating costs have remained consistent to align with projected income while still aiming to account for the necessary monitoring, reporting, and operating of the PCCL1 post-closure care system based on the needs of the current system and in preparation for activities at PCCL3. Foth is proposing a small increase to the General Guidance and Compliance Activities budget (from \$118,500 in 2022 to \$120,000 in 2023), a decrease in the Groundwater Support/Reporting budget (from \$48,500 in 2022 to \$30,000 in 2023), and an increase to the LF #1 Gas System & Leachate Management Operations budget (from \$121,500 in 2022 to \$135,000 in 2023) based on projected costs for 2022 that are anticipated to carry into 2023. LF #2 to LF #3 Transition Activities costs in 2023 are assumed to be similar to 2022 costs. Based on the significant landfill repairs completed in 2022 (and resulting expenditures for GCCS Contingency and Unplanned Services and Repairs), Foth is anticipating that less services and repairs will be required in 2023 and, therefore, propose to reduce the 2023 budget accordingly (from \$30,000 in 2022 to \$12,500 in 2023). Foth is not expecting LF #1 construction engineering services or associated IEPA coordination/reporting in 2023. Per previous discussions with the Committee, proposed Solar Development costs have been added to the 2023 budget (discussed further in a separate agenda item). Overall budget presented increases by 1.4%.

On the revenue side, waste disposal rates continue to trend downward for tonnage disposed at Landfill No. 2 in 2021 and 2022. Staff and Foth have reviewed waste trends in recent years and consulted with Waste Management and are projecting receipts of 165,000 tons for 2023, which is consistent with 2023 budget. Additionally, other revenue has been taken into account for leases in 2023. Note that Solar Development, though an expense now, is anticipated to generate revenue in the future.

The projected surplus of operating revenue v. expenditures for FY2023 is approximately \$9,300.

Notes:

- Revenue reflects the increased LF2 host fee of \$2.75 but reduced tonnage receipts.
- City and County personnel costs remained the same in 2023.
- FY2023 budget assumes receipt of 165,000 tons in 2023. With leases and other revenue, the total revenue estimate is \$477,655. Total revenues may increase if waste receipts

trend higher than estimated such as special event projects or if market share changes occur between GFL and WM.

The ending fund balance and cash on hand balance will differ each month based on the total encumbered bills remaining for the Committee to pay.

FINANCIAL IMPACT: If approved, the FY2023 budget projects an approximate \$9,300 operating surplus for the year.

PCC Landfill 2023 Budget

DESCRIPTION	2021 Actual (Audited)	2022 Budget	2022 Actual Through 10/31/2022	% of Budget	Proposed 2023 Budget
REVENUES					
Host Fees	\$ 413,099.84	\$ 455,600.00 *	\$ 374,097.18	82%	\$ 453,255.00 **
Leases	\$ 17,063.47	\$ 22,250.00	\$ 20,437.88	92%	\$ 21,400.00
Interest Earned	\$ 804.87	\$ 2,500.00	\$ 2,584.42	103%	\$ 3,000.00
Other Revenues					
TOTAL REVENUES	\$ 430,968.18	\$ 480,350.00	\$ 397,119.48	83%	\$ 477,655.00
EXPENSES					
Municipal Reimbursements					
City Personnel	\$ 76,000.00	\$ 76,000.00	\$ 63,333.33	83%	\$ 76,000.00
County Personnel	\$ 17,000.00	\$ 8,500.00	\$ -		\$ 8,500.00
City Audit	\$ 2,500.00	\$ 2,500.00	\$ -		\$ 2,500.00
Consultant Guidance and Operational Costs (1)					
General Guidance and Compliance Activities	\$ 124,318.14	\$ 118,500.00	\$ 93,217.22	79%	\$ 120,000.00
Groundwater Support/Reporting	\$ 46,921.67	\$ 48,500.00	\$ 20,179.92	42%	\$ 30,000.00
LF #1 Gas System & Leachate Management Ops.	\$ 99,815.15	\$ 121,500.00	\$ 107,847.74	89%	\$ 135,000.00
IEPA Coordination / Reporting	\$ -	\$ -	\$ 8,622.57		\$ -
LF #1 Construction Engineering	\$ 28,793.13	\$ 5,500.00	\$ -		\$ -
LF #2 to LF #3 Transition Activities	\$ 11,156.47	\$ 20,500.00	\$ 24,456.33	119%	\$ 20,000.00
Solar Development	\$ -	\$ -	\$ -		\$ 35,000.00
Contracted/Capital Improvements					
Post Closure Care	\$ -	\$ 5,000.00	\$ -		\$ 2,500.00
Leachate Extraction Improvements	\$ -	\$ 5,000.00	\$ 150,900.90	3018%	\$ 2,500.00
GCCS Improvement Projects	\$ -	\$ 5,000.00	\$ -		\$ 2,500.00
Remediation Capital Project	\$ 17,293.71	\$ -	\$ 38,360.00		\$ -
Committee's Operational Expenses					
Off-site Leachate Transport & Treatment	\$ 5,766.58	\$ 15,250.00	\$ 7,426.43	49%	\$ 10,000.00
Telephone	\$ 468.13	\$ 500.00	\$ 324.13	65%	\$ 400.00
Electricity	\$ 4,295.86	\$ 6,000.00	\$ 4,405.51	73%	\$ 6,000.00
Unplanned/Contingency					
Groundwater Assessments/Contingency	\$ -	\$ 8,000.00	\$ -		\$ 5,000.00
GCCS Contingency	\$ 25,292.57	\$ 10,000.00	\$ -		\$ 2,500.00
Unplanned Services and Repairs	\$ 34,798.83	\$ 20,000.00	\$ 24,938.64	125%	\$ 10,000.00
Capital Fund Allocation	\$ -		\$ -		\$ -
TOTAL EXPENDITURES	\$ 494,420.24	\$ 476,250.00	\$ 544,012.72	114%	\$ 468,400.00
SURPLUS/(DEFECIT)	\$ (63,452.06)	\$ 4,100.00	\$ (146,893.24)		\$ 9,255.00
Beginning Fund Balance					
Ending Fund Balance	\$ 399,984.02		\$ 336,531.96		\$ 189,638.72
	\$ 336,531.96		\$ 189,638.72		\$ 198,893.72

* 2022 Budget Based off 170,000 tons @ \$2.68/ton

** 2023 Budget Based off 165,000 tons @ \$2.747/ton



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Chris Peters & Ian Johnson, Waste Management

AGENDA DATE REQUESTED: November 16, 2022

ACTION REQUESTED: Receive and File Monthly Reports. **Obtain required signatures as specified below.**

BACKGROUND: Attached is the monthly activity report through October 2022.

1. All weekly random load checks were completed and documented with no issues to report.
2. To allow sufficient time to respond to short-term submittal requirements that may arise prior to the next Landfill Committee meeting, we respectfully request authorization for the Committee chairperson to sign such documents, subject to review and approval in advance by Foth.

FINANCIAL IMPACT: NA

Peoria City/County Landfill No. 2
Waste Management of Illinois, Inc.
Monthly Activity Report
Oct-22

Tonnage:		Current Month		Landfill #2 Year to Date	Landfill #2 Year to Date
				2022	2021
	General Refuse				
	Haulers	14,716.36		131,757.69	131,208.32
	County Res. Free Loads	305.24		2,386.90	2,263.91
	County Res. \$5 Loads	0.00		0.79	7.51
	Roadside	107.79		422.09	14.76
	T O T A L	15,129.39		134,567.47	133,494.50
	Special Wastes				
	Industrial (Declassified)	554.64		8,667.79	1,575.61
	Industrial (Exempt)	0.00		0.00	0.00
	T O T A L	554.64		8,667.79	1,575.61
TOTAL LANDFILL RECEIPTS		15,684.03		143,235.26	135,070.11
Yard Waste Receipts					
	City Contract -	0.00		0.00	0.00
	All Other	0.00		0.00	0.00
	T O T A L	0.00		0.00	0.00
Payments:	Payable to City/County Committee				
	General Refuse	Tons 14,716.36			
		Rate \$ 2.68			
		\$39,439.84	\$39,439.84	\$353,110.61	\$342,453.72
	Special Waste - Ind.	Tons 554.64			
		Rate \$ 2.68			
		\$1,486.44	\$1,486.44	\$23,229.68	\$4,112.34
	T O T A L		\$40,926.28	\$376,340.29	\$346,566.06
	Payable to County				
	General Refuse	Tons 14,716.36			
		Rate \$ 1.27			
		\$18,689.78	\$18,689.78	\$167,332.27	\$166,634.57
	Special Waste - Ind.	Tons 554.64			
		Rate \$ 1.27			
		\$704.39	\$704.39	\$11,008.09	\$2,001.02
	T O T A L		\$19,394.17	\$178,340.36	\$168,635.59
	Payable to/Receivable From County				
	\$5 Loads	Loads 3.00			
		Rate \$ 5.00			
		\$15.00	\$15.00	\$190.00	\$200.00
	Less:				
	State Fee on Free and \$5 Loads	Tons 305.24			
		Rate \$ 2.22			
		(\$677.63)	(\$677.63)	(\$5,300.67)	(\$5,042.55)
	T O T A L		(\$662.63)	(\$5,110.67)	(\$4,842.55)
Tonnage:	General Refuse & Special Waste				
	In county	9,172.46	58.48%	87,563.22	78,799.50
	Out of county	6,511.57	41.52%	55,672.04	56,270.61
	Mixed	-	0.00%	-	-
	T O T A L	15,684.03	100.00%	143,235.26	135,070.11



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

**From: David Bryant, General Manager
Peoria City/County Landfill, Inc. (PCCLI)**

AGENDA DATE REQUESTED: November 16, 2022

ACTION REQUESTED: Pending review and approval by Foth, authorize the Chairperson to sign a permit application to the Illinois EPA Bureau of Air for Peoria City/County Landfill No. 3.

BACKGROUND: A Construction Permit is required from the Illinois EPA Bureau of Air prior to constructing Peoria City/County Landfill No. 3. PCCLI has prepared the application and will submit it to the Illinois EPA following receipt of the signed application.



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

November 16, 2022

Mr. Rick Powers

Public Works Director
City of Peoria
3505 N. Dries Lane
Peoria, IL 61604

RE: Utility Scale Solar Photovoltaic Support

Dear Committee Members:

Thank you for the opportunity to provide this scope of work and cost estimate to provide administrative support to promote a utility scale solar photovoltaic project on land owned by the Joint City of Peoria- County of Peoria Solid Waste Committee (Committee).

Our services will be provided in accordance with the Master Services Agreement terms and conditions (Terms) with the Peoria City and County Solid Waste Commission (the "Committee") signed March 23, 2022 and the attached proposal. If our scope of work, budget, schedule, and agreement to proceed meet with your approval, please provide us with a purchase order. The previously referenced Terms shall govern and be referenced in any purchase order that will be issued to authorize these services.

The core of our business is rooted in the long-standing professional relationships we have with many of our clients. We look forward to the opportunity to continue to work with you with the execution of this project. Please contact Josh Gabehart at (217) 304-8759 or josh.gabehart@foth.com if you should have any questions or if you would like us to proceed with the work.

Sincerely,

Foth Infrastructure & Environment, LLC

A handwritten signature in blue ink, appearing to read "Joshua C. Gabehart".

Joshua C. Gabehart, P.E.
Senior Client Manager
Licensed in IL, IA, AR, GA

A handwritten signature in blue ink, appearing to read "Tara Van Hoof".

Tara Van Hoof, P.E.
Project Manager
Licensed in WI, IL

Attachment

**Joint City of Peoria- County of Peoria Solid Waste Committee
Peoria Utility Scale Solar Photovoltaic Support
Peoria, Illinois
November 16, 2022**

Scope of Work

I. Our Understanding of Your Project

It is our understanding that the Joint City of Peoria- County of Peoria Solid Waste Committee (Committee) is requesting a proposal for services from Foth Infrastructure & Environment, LLC (Foth) to provide administrative support to promote the development of utility scale solar photovoltaic (PV) sites on property currently owned by the Committee.

II. Potential Revenue

Cursory communications have been held with scale developers Q3 2022 regarding a brownfield site on Parcel Number 12-26-400-003; a 560.6 acre tract south of W Cottonwood Road along Murphy Rd. Topography and water features will impact the development footprint; a minimum of 50 acres is expected to be suitable for solar panels.

Lease payments on Solar PV sites generally fetch a yearly annual payment between \$500 and \$1,000 per acre or a yearly lease payment of between \$25,000 and \$50,000 for every 50 acres. The total value for the life of the project is estimated between \$500,000 and \$1,000,000 assuming a 20-year life.

III. Scope of Services

For this opportunity, Foth will provide the services as defined below:

- ◆ Investigate allowable approaches per Committee, County, and City policies
- ◆ Research and contact potential developers
- ◆ Host cursory interviews with vendors to gauge project interest
- ◆ Actively participate in drafting Request for Qualifications (RFQ's)
- ◆ Participate in vendor site visits during procurement process
- ◆ Review RFQ's
- ◆ Participate in in-person vendor interviews leading up to project award
Be primary contact for addressing questions, comments, or information request during the RFQ and planning process

IV. Deliverables

Project update memos, publication of RFQ, vendor qualification reviews, and site visits.

V. Client Responsibilities

Committee is responsible for the following information and activities:

- ◆ Provide a source for review, comment, and decision making on all issues related to the project.
- ◆ Provide information as requested in a timely manner to complete the plans by the required deadline.

VI. Project Team

The Foth project team will be led by Josh Gabehart, Client Team Leader and Tara Van Hoof, Project Manager. Adrian Caballero and Mark Williams will act as the technical leads for the Committee. Adrian Caballero and Mark Williams will be assisted by qualified Foth personnel as necessary.

VII. Schedule

Foth proposes to provide services through December 2023 or once vendor has been selected and completed the procurement of REC's, if needed; unless circumstances beyond our control require modification of the schedule.

VIII. Reimbursement

Foth proposes to complete the work described in our scope of services in this proposal on a *time and materials* basis for an estimated amount of \$36,250.

IX. Optional Services

Through the development of this project, additional items may be necessary for the completion of the project. If these items are required, they would be considered extra services and additional compensation would be warranted. Compensation for such services may be negotiated at a future time, as desired. Such services will not be undertaken without prior discussions and approval from the committee.

X. Assumptions

- ◆ RFQ will be co-authored with the use of County resources.
- ◆ Ameren Energy will grant interconnect at the existing powerline along Murphy Rd.

In light of recent global events, labor shortages or supply chain disruptions resultant from epidemic or pandemic events (e.g., the Covid-19 outbreak) are specifically to be considered grounds constituting a force majeure condition. Labor shortages and

inefficiencies, delays, escalation, or cost impacts resulting from labor shortages or supply chain disruptions associated with such an event shall be considered grounds for a changed condition event and shall afford Foth the opportunity for schedule and cost relief associated with such an event notwithstanding any express language in the Agreement to the contrary.

XI. Agreement to Proceed

Our services will be provided in accordance with the Master Services Agreement terms and conditions (Terms) with the committee and its Subsidiary and Affiliate Companies (the "Company") executed March 23, 2022. The previously referenced Terms shall govern and be referenced in any purchase orders that will be issued to authorize these services. Should you desire that we start services prior to executing the authorization options outlined above, please document authorization in writing through a signed proposal, email or letter authorization, or other authorizing document. Should you have any questions regarding these Terms and conditions, or any other matter, please contact us. If the above Terms are not acceptable, please notify us in writing before we begin providing services.

Attachment A
Waste Profile Laboratory Reports and SDSs

Waste Profile 633885IL Laboratory Report



Pace Analytical Services, LLC
2231 W. Altorfer Drive
Peoria, IL 61615
(800)752-6651

September 27, 2022

JoVonna Kocher
Ed Hartwig Trucking and Excavating Inc.
312 Jefferson Street
Henry, IL 61537

Dear JoVonna Kocher:

Please find enclosed the analytical results for the 1 sample(s) the laboratory received on 9/12/22 10:19 am and logged in under work order **F102593**. 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 Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

A handwritten signature in black ink, appearing to read "Jennifer L. Solomon".

Jennifer L. Solomon
Client Services Manager
(309)683-1721
jennifer.solomon@pacelabs.com

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order FI02593

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: FI02593-b1

Name: Siding

Matrix: Solid - Regular Sample

Sampled: 09/02/22 15:30

Received: 09/12/22 10:19

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Microbiology - EMSL									
Total Asbestos %	See Attached Report			09/02/22 15:30	1	1			40 CFR Pt.763 SubPt E



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: Jennifer L. Solomon, Client Services Manager





EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250
Tel/Fax: (317) 803-2997 / (317) 803-3047
<http://www.EMSL.com/indianapolislabs@emsl.com>

EMSL Order: 162222098

Customer ID: PDCL77

Customer PO:

Project ID:

Attention: Jennifer Solomon

Pace Analytical Services, LLC

2231 West Altorfer Drive

Peoria, IL 61615

Phone: (309) 692-9688

Fax: (309) 692-9689

Received Date: 09/23/2022 10:26 AM

Analysis Date: 09/26/2022

Collected Date: 09/02/2022

Project: FI02593

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FI02593-01	Sliding	Gray Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile

162222098-0001

Analyst(s)

Hilary Jarvis (1)

Melissa Newkirk

Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and meet method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 09/26/2022 10:32:06

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (lab use only):

162222098

EMSL

6340 Castleplace Dr

Indianapolis, IN 46250

PHONE:

FAX:

Company Name: Pace Analytical Services		EMSL Customer ID:	
Street: 2231 W Altorfer Drive		City: Peoria	State or Province: IL
Zip/Postal Code: 61615	Country: USA	Telephone #: 217-414-7762	Fax #:
Report To (Name): Jennifer Solomon		Please Provide Results via: ☐ Fax ☒ Email	
email Address: jennifer.solomon@pacelabs.com		Purchase Order Number:	
Client Project ID: FI02593		EMSL Project ID (internal use only):	
State or Province Collected: IL		CT only ☐ Commercial/Taxable ☐ Residential/Tax Exempt	
EMSL-Bill to: ☒ Same ☐ Different - If bill to is different note instructions in comment. Third party billing requires written authorization from third party			
Turnaround Time (TAT) Options Please Check			
☐ 3 Hr ¹ ☐ 4-4.5 Hr ¹ AHERA Only ☐ 6 Hr ¹ ☒ 24 Hr ☐ 32 Hr ² ☐ 48 Hr ☐ 72 Hr ☐ 96 Hr ☐ 1 Week ☐ 2 Week			
¹Premium Service Charge applies for 3 Hour TEM AHERA or EPA Level II TAT - you will be asked to sign an authorization form. TEM Air 3-6 Hour, please call ahead to schedule ²32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.			
PCM - Air ☐ NIOSH 7400 ☐ w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) ☒ PLM EPA 600/R-93/116 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable - NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NYS 198.8 SOF-V ☐ NIOSH 9002 (<1%)		TEM - Air¹ ☐ AHERA 40 CFR, Part 763 ☐ NIOSH 7402 ☐ EPA Level II ☐ ISO 10312 TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%) TEM - Water: EPA 100.2 Fibers >10µm ☐ Waste ☐ Drinking All Fiber Sizes ☐ Waste ☐ Drinking	
		TEM - Settled Dust ☐ Microvac - ASTM D 5755 ☐ Wipe - ASTM D6480 ☐ Carpet Sonication (EPA 600/J-93/167) Soil - Rock - Vermiculite (reporting limit) ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%) ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%) ☐ TEM Qualitative via Filtration Prep ☐ TEM Qualitative via Drop Mount Prep ☐ Cincinnati Method EPA 600/R-04/004 - PLM/TEM Lower reporting limits available on request	
		Other test (please specify):	
☐ Stop At First Positive (clearly identify homogenous areas below)		Filter Pore Size (Air Samples): ☐ 0.8µm ☐ 0.45µm	
Sampler's Name:		Sampler's Signature:	
Sample #	Sample Description/Location	Volume, Area or Homogenous Area	Date/Time Sampled
FI02593-01	Siding		9/2/22 15:30
Client Sample # (s):		Total # of Samples: 1	
Relinquished by (Client): <i>[Signature]</i>		Date: 9/20/22	Time: 1337
Received by (Lab): <i>Molly Wooley</i>		Date: 9/23/22	Time: 10:26am
Comments/Special Instructions:		LPS	
Please also email invoice to peorapinvoices@pacelabs.com.			

Controlled Document - COC-05 Asbestos - R12.1 - 11/01/2019

EMSL Analytical, Inc.'s (DBA: LA Testing) Laboratory Terms and Conditions are incorporated into this chain of custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions.

Page 1 of ____ pages

Page 6 of 9

SUBCONTRACT ORDER
Transfer Chain of Custody
Pace Analytical Services, LLC

FI02593

22098

SENDING LABORATORY

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

RECEIVING LABORATORY

EMSL
6340 Castleplace Dr.
Indianapolis, IN 46250
(317) 803-2997

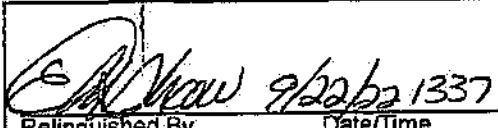
Sample: FI02593-01
Name: Siding

Sampled: 09/02/22 15:30
Matrix: Solid
Preservative: *** DEFAULT PRESER

Analysis	Due	Expires	Comments
01-Asbestos Bulk	09/22/22 16:00	03/01/23 15:30	

Please email results to Jennifer L Solomon at jennifer.solomon@pacelabs.com

Date Shipped: 9/22/22 Total # of Containers: 1 Sample Origin (State): IL PO #: 39
Turn-Around Time Requested ☒ NORMAL ☐ RUSH Date Results Needed: _____

 9/22/22 1337				Sample Temperature Upon Receipt	_____ °C
Relinquished By	Date/Time	Received By	Date/Time	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
				Date/Time Taken From Sample Bottle	Y or N
Relinquished By	Date/Time	Received By	Date/Time		

1 CLIENT: Client's company name
ADDRESS: Client's mailing address
CITY, STATE, ZIP: Client's city, state and zip code for mailing
CONTACT PERSON: Person to receive results
PROJECT NUMBER: Client's reference to the project or work involved with these samples.
PROJECT LOCATION: Client's location of project
PURCHASE ORDER NUMBER: Client's invoicing information
PHONE NUMBER: Client's contact phone number
E-MAIL: Client's e-mail for correspondence and final report
DATE SHIPPED: Month, date and year samples were shipped or delivered to the lab
SAMPLER: Printed name of sample collector
SAMPLER'S SIGNATURE: Signature of sample collector
REGULATORY PROGRAM: Circle regulatory program if applicable.
STATE WHERE SAMPLES COLLECTED: Enter the state if different from client address

2 SAMPLE DESCRIPTION: The unique sample description you want to appear on the analytical report
DATE COLLECTED: Date sample was collected. For composite samples, this is typically the date when the last aliquot was added.
TIME COLLECTED: Time sample was collected. For composite samples, this is typically the time when the last aliquot was added.
SAMPLE TYPE: Place a check mark in the box marked "GRAB" if the sample was collected at one time from one specific location. Place a check mark in the box marked "COMP" if the sample is a composite of samples collected at one or more times or locations and combined to make one sample.
MATRIX TYPE: From field above. If "OTHER" please identify
BOTTLE COUNT: Total number of containers submitted for the samples
PRESERVATION CODE: Indicate bottle preservative using the codes on the front of the COC for non-PAGE bottles, provided by the client.

3 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.
REMARKS: List special instructions about the sample here. 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.

4 To be completed by laboratory personnel.
5 TURNAROUND TIME REQUESTED: Circle "NORMAL" if you want routine 10 working day TAT. If faster results are needed circle "RUSH". Indicated the due date requested, and, if possible, call the lab in advance to schedule this work. Surcharges may apply for non-routine turnaround times.
RUSH RESULTS VIA: Choose method by which you would like to receive the RUSH results by circling either "PHONE" or E-MAIL. List the appropriate number/e-mail if different from that listed in section 1.

6 Place your initials on the line to give the lab permission to proceed with analysis without calling you regarding a sample nonconformance. If the sample does not meet the Sample Acceptance Policy requirements then the appropriate case narrative and/or data qualifiers will be added to the corresponding analysis and may not be acceptable to use for regulatory purposes. Contact your project manager for further information or to obtain a copy of the Sample Acceptance Policy.

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, and
- 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.

BOX 5 CANNOT BE USED FOR DRINKING WATER COMPLIANCE SAMPLES.

7 RELINQUISHED BY/RECEIVED BY: This form must be signed each time the sample(s) changes hands. Chain-of-Custody seals are available upon request if needed.

8 To be completed by laboratory personnel.

Sample Acceptance Policy - Receiving facility's specific policy available from your project manager.

SERVING YOU IN THE FOLLOWING LOCATIONS

2231 W Altorfer Dr
Peoria, IL 61615
309-692-9688

944 Anglum Road
Hazelwood, MO 63042
314-432-0550

1805 W Sunset St.
Springfield, MO 65807
417-964-8924

4314-A Crystal Lake Rd
McHenry, IL 60050
815-344-4044

Thank you for using Pace Analytical Services, LLC
Please call 800-752-8651 if you have any questions about completing this form.

[illegible]

Waste Profile 634013IL Laboratory Report



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

22J0055

Project Description

Contract 68G78 - I-39

For:

Sid Tsahas

Three Star Painting, Inc.

2880 E 84th PL

Merrillville, IN 46410

Karen Ziolkowski

Senior Project Manager

Tuesday, October 11, 2022

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Chicagoland. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

250 West 84th Drive | Merrillville, IN 46410 | 219.769.8378 p | www.microbac.com



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

22J0055

Three Star Painting, Inc.

Sid Tsahas
2880 E 84th PL
Merrillville, IN 46410

Project Name: Contract 68G78 - I-39

Project / PO Number: 68G78
Received: 10/03/2022
Reported: 10/11/2022

Sample Summary Report

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Client Matrix</u>	<u>Sample Type</u>	<u>Sample Begin</u>	<u>Sample Taken</u>	<u>Lab Received</u>
SN# 102-0054	22J0055-01	Solid			09/29/22 14:00	10/03/22 11:35



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

22J0055

Analytical Testing Parameters

Client Sample ID:	SN# 102-0054	Collected By:	Sid Tsahas
Sample Matrix:	Solid	Collection Date:	09/29/2022 14:00
Lab Sample ID:	22J0055-01		

Metals TCLP by CVAA	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
SW-846 7470/EPA 7470A								
Mercury	<0.0025	0.0025	mg/L	1	Q2	10/07/22 0931	10/10/22 1334	JNH

Metals TCLP by ICP	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
SW846 3005A/EPA 6010C								
Arsenic	<0.050	0.050	mg/L	1		10/07/22 0922	10/07/22 1845	MCD
Barium	<2.5	2.5	mg/L	1		10/07/22 0922	10/07/22 1845	MCD
Cadmium	0.020	0.010	mg/L	1		10/07/22 0922	10/07/22 1845	MCD
Chromium	0.076	0.025	mg/L	1		10/07/22 0922	10/07/22 1845	MCD
Lead	0.33	0.038	mg/L	1		10/07/22 0922	10/07/22 1845	MCD
Selenium	<0.15	0.15	mg/L	1		10/07/22 0922	10/07/22 1845	MCD
Silver	<0.050	0.050	mg/L	1		10/07/22 0922	10/07/22 1845	MCD

Definitions

mg/L:	Milligrams per Liter
Q2:	LCS recovery is above acceptance limits. However there is no impact on the reported value.
RL:	Reporting Limit

Cooler Receipt Log

Cooler ID:	Default Cooler	Temp:	20.5°C
------------	----------------	-------	--------

Cooler Inspection Checklist

Ice Present or not required?	No	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Karen Ziolkowski
Senior Project Manager
karen.ziolkowski@microbac.com
10/11/2022 12:05

Microbac Laboratories, Inc.

250 West 84th Drive | Merrillville, IN 46410 | 219.769.8378 p | www.microbac.com

Page 3 of 4

Waste Profile 634013IL SDS

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: December 18, 2019

1 Identification

- **Product identifier**
- **Trade name:** **BLACK BEAUTY**
- **Product code:** Coal-Fired Boiler Slag
- **Recommended use and restriction on use**
- **Recommended use:** Abrasives
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Harsco Corporation
Harsco Environmental
350 Poplar Church Road
Camp Hill, PA 17011
Phone: 717-763-7064
E-Mail: reedcs@harsco.com
- **Emergency telephone number:**
Emergency Contact: Verisk 3E
Emergency Phone: 855-393-9889 (Access Code: 13793)
Manufacturer Contact: Customer Service Department
Manufacturer Emergency Phone: 888-733-3646 ext. 2

2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification references product both as delivered and as a fine dust generated during use.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Dam. 1 H318 Causes serious eye damage.
Carc. 1B H350 May cause cancer. Route of exposure: Inhalation.
STOT SE 3 H335 May cause respiratory irritation.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**

GHS05 GHS07 GHS08
- **Signal word:** Danger
- **Hazard statements:**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H350 May cause cancer. Route of exposure: Inhalation.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.

(Cont'd. on page 2)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: December 18, 2019

Trade name: BLACK BEAUTY

(Cont'd. of page 1)

Precautionary statements:

- P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe dust.
 P264 Wash thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves and eye protection.
 P302+P352 If on skin: Wash with plenty of soap and water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a poison center/doctor.
 P314 Get medical advice/attention if you feel unwell.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

Chemical characterization: Mixtures**Components:**

60676-86-0	Silica, fused	40-53%
1309-37-1	Red Iron Oxide	5-31%
1344-28-1	Aluminum oxide	17-25%
	⚠ STOT RE 2, H373	
1305-78-8	Calcium oxide	3-20%
	⚠ Eye Dam. 1, H318	
	⚠ Skin Irrit. 2, H315; STOT SE 3, H335	
1309-48-4	Magnesium oxide	0.1-7%
12136-45-7	Dipotassium oxide	0.1-3%
	⚠ Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318	
13463-67-7	Titanium dioxide	0.1-2%
	⚠ Carc. 2, H351	
14808-60-7	Quartz (SiO ₂)	<0.1%
	⚠ Carc. 1A, H350; STOT RE 1, H372	
7439-96-5	Manganese	0.01-0.05%
7440-41-7	Beryllium	0-0.0005%
	⚠ Acute Tox. 3, H301; Acute Tox. 2, H330	
	⚠ Carc. 1B, H350; STOT RE 1, H372	
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	
7440-43-9	Cadmium (non-pyrophoric)	<0.001%
	⚠ Acute Tox. 3, H301; Acute Tox. 2, H330	

(Cont'd. on page 3)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: December 18, 2019

Trade name: BLACK BEAUTY

(Cont'd. of page 2)

 Muta. 2, H341; Carc. 1B, H350; Repr. 2, H361; STOT RE 1, H372

· **Additional information:** For the wording of the listed Hazard Statements, refer to section 16.

4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Supply fresh air.

Provide oxygen treatment if affected person has difficulty breathing.

If experiencing respiratory symptoms: Call a doctor.

- **After skin contact:**

Brush off loose particles from skin.

Wash with soap and water.

If skin irritation continues, consult a doctor.

- **After eye contact:**

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. Then consult a doctor.

- **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

- **Most important symptoms and effects, both acute and delayed:**

Coughing

Breathing difficulty

Mechanical irritation to eyes and skin.

Strong irritant with the danger of severe eye injury.

- **Danger:**

Danger of impaired breathing.

Causes serious eye damage.

May cause cancer. Route of exposure: Inhalation.

May cause damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.

- **Indication of any immediate medical attention and special treatment needed:**

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents:** No relevant information available.

- **Special hazards arising from the substance or mixture:** No relevant information available.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

(Cont'd. on page 4)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: December 18, 2019

Trade name: BLACK BEAUTY

(Cont'd. of page 3)

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Isolate area and prevent access.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

- **Environmental precautions** Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up**

Sweep up and place into an appropriate container.

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **Handling**

- **Precautions for safe handling:** Use only in well ventilated areas.

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Requirements to be met by storerooms and receptacles:** No special requirements.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Do not store together with alkalis (caustic solutions).

Do not store together with acids.

- **Further information about storage conditions:** Keep containers tightly sealed.

- **Specific end use(s)** No relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

60676-86-0 Silica, fused

PEL (USA)	20mppcf or 80mg/m ³ /%SiO ₂
TLV (USA)	TLV withdrawn
EV (Canada)	Long-term value: 0.1 mg/m ³ respirable
LMPE (Mexico)	Long-term value: 0.1 mg/m ³ (j)

1309-37-1 Red Iron Oxide

PEL (USA)	Long-term value: 10* mg/m ³ *Fume
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(Cont'd. on page 5)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: December 18, 2019

Trade name: BLACK BEAUTY

(Cont'd. of page 4)

REL (USA)	Long-term value: 5 mg/m ³ Dust & fume, as Fe
TLV (USA)	Long-term value: 5* mg/m ³ *as respirable fraction
EL (Canada)	Short-term value: 10** mg/m ³ Long-term value: 5* 10*** 3**** mg/m ³ *dust & fume**fume; Rouge: ***total dust****resp.
EV (Canada)	Long-term value: 5* 10** mg/m ³ *respirable, including Rouge;**total dust
LMPE (Mexico)	Long-term value: 5* mg/m ³ A4, *fracción respirable

1344-28-1 Aluminum oxide

PEL (USA)	Long-term value: 15*; 5** mg/m ³ *Total dust; ** Respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ as Al*Total dust**Respirable/pyro powd./welding f.
TLV (USA)	Long-term value: 1* mg/m ³ as Al; *as respirable fraction
EL (Canada)	Long-term value: 1.0 mg/m ³ respirable, as Al
EV (Canada)	Long-term value: 10 mg/m ³ total dust
LMPE (Mexico)	Long-term value: 1* mg/m ³ A4, *fracción respirable

1305-78-8 Calcium oxide

PEL (USA)	Long-term value: 5 mg/m ³
REL (USA)	Long-term value: 2 mg/m ³
TLV (USA)	Long-term value: 2 mg/m ³
EL (Canada)	Long-term value: 2 mg/m ³
EV (Canada)	Long-term value: 2 mg/m ³
LMPE (Mexico)	Long-term value: 2 mg/m ³

1309-48-4 Magnesium oxide

PEL (USA)	Long-term value: 15* mg/m ³ fume; *total particulate
TLV (USA)	Long-term value: 10* mg/m ³ *as inhalable fraction
EL (Canada)	Short-term value: 10** mg/m ³ Long-term value: 10* 3** mg/m ³ *inhalable fume;**respirable dust and fume
EV (Canada)	Long-term value: 10 mg/m ³ inhalable
LMPE (Mexico)	Long-term value: 10* mg/m ³ A4, *fracción respirable

13463-67-7 Titanium dioxide

PEL (USA)	Long-term value: 15* mg/m ³
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(Cont'd. on page 6)

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200)

Revision: December 18, 2019

Trade name: BLACK BEAUTY

(Cont'd. of page 5)

	*total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m ³
EL (Canada)	Long-term value: 10* 3** mg/m ³
	*total dust; **respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m ³
	total dust
LMPE (Mexico)	Long-term value: 10 mg/m ³
	A4

14808-60-7 Quartz (SiO₂)

PEL (USA)	Long-term value: 0.05* mg/m ³
REL (USA)	Long-term value: 0.025* mg/m ³
	*respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m ³
	*as respirable fraction
EL (Canada)	Long-term value: 0.025 mg/m ³
	ACGIH A2; IARC 1
EV (Canada)	Long-term value: 0.10* mg/m ³
	*respirable fraction
LMPE (Mexico)	Long-term value: 0.025* mg/m ³
	A2, *fracción respirable

• **Exposure controls**• **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.

• **Engineering controls:** Provide adequate ventilation.• **Breathing equipment:**

Suitable respiratory protective device recommended.
 A NIOSH approved dust respirator should be used for operations generating dust.

• **Protection of hands:**

Protective gloves

Wear gloves for protection against thermal and mechanical hazards according to OSHA and NIOSH rules.

• **Eye protection:**

Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

• **Body protection:** Protective work clothing• **Limitation and supervision of exposure into the environment**

No relevant information available.

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- **Risk management measures** No relevant information available.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **Appearance:**

- Form: Granular or powdered solid.

- Color: Black

- **Odor:** Odorless

- **Odor threshold:** Not determined.

- **pH-value:** Not applicable.

- **Melting point/Melting range:** Not determined.

- **Boiling point/Boiling range:** Not determined.

- **Flash point:** The product is not flammable.

- **Flammability (solid, gaseous):** Not determined.

- **Auto-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits**

- Lower: Not determined.

- Upper: Not determined.

- **Oxidizing properties:** Non-oxidizing.

- **Vapor pressure:** Not determined.

- **Density:** 2.6-2.8 g/cm³ (21.7-23.37 lbs/gal)

- **Relative density:** Not determined.

- **Vapor density:** Not applicable.

- **Evaporation rate:** Not applicable.

- **Solubility in / Miscibility with**

- Water: Insoluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity**

- Dynamic: Not applicable.

- Kinematic: Not applicable.

- **Other information** No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.

- **Chemical stability:** Stable under normal temperatures and pressures.

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

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- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No relevant information available.
- **Incompatible materials**
Alkalis.
Acids.
- **Hazardous decomposition products**
Under fire conditions only:
Toxic metal oxide smoke

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

13463-67-7 Titanium dioxide

Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)

- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** Based on available data, the classification criteria are not met.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer):**

1309-37-1	Red Iron Oxide	3
13463-67-7	Titanium dioxide	2B
14808-60-7	Quartz (SiO ₂)	1
7440-41-7	beryllium	1
7440-43-9	cadmium (pyrophoric)	1

- **NTP (National Toxicology Program):**

14808-60-7	Quartz (SiO ₂)	K
7440-41-7	beryllium	K
7440-43-9	cadmium (pyrophoric)	K

- **OSHA-Ca (Occupational Safety & Health Administration):**

7440-43-9	cadmium (pyrophoric)
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- **Probable route(s) of exposure:**

Ingestion.
Inhalation.
Eye contact.
Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**

Causes serious eye damage.
Irritating to respiratory system and skin.

- **Repeated dose toxicity:** Possible risk of irreversible effects.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

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- **Carcinogenicity:** May cause cancer. Route of exposure: Inhalation.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** May cause respiratory irritation.
- **STOT-repeated exposure:**
May cause damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Additional ecological information**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects** No relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

• UN-Number	
• DOT, ADR/RID/ADN, IMDG, IATA	Not regulated.
• UN proper shipping name	
• DOT, ADR/RID/ADN, IMDG, IATA	Not regulated.
• Transport hazard class(es)	
• DOT, ADR/RID/ADN, IMDG, IATA	
• Class	Not regulated.
• Packing group	
• DOT, ADR/RID/ADN, IMDG, IATA	Not regulated.
• Environmental hazards	Not applicable.

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• **Special precautions for user** Not applicable.

• **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

• **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

• **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

• **Section 313 (Specific toxic chemical listings):**

1344-28-1 Aluminum oxide

• **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

• **Proposition 65 (California)**

• **Chemicals known to cause cancer:**

13463-67-7 Titanium dioxide

14808-60-7 Quartz (SiO₂)

7440-41-7 beryllium

7440-43-9 cadmium (pyrophoric)

• **Chemicals known to cause developmental toxicity for females:**

None of the ingredients are listed.

• **Chemicals known to cause developmental toxicity for males:**

7440-43-9 cadmium (pyrophoric)

• **Chemicals known to cause developmental toxicity:**

7440-43-9 cadmium (pyrophoric)

• **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

• **IARC (International Agency for Research on Cancer):**

60676-86-0 Silica, fused

3

1309-37-1 Red Iron Oxide

3

13463-67-7 Titanium dioxide

2B

14808-60-7 Quartz (SiO₂)

1

7440-41-7 beryllium

1

7440-43-9 cadmium (pyrophoric)

1

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Relevant phrases**

- H290 May be corrosive to metals.
- H301 Toxic if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H335 May cause respiratory irritation.
- H341 Suspected of causing genetic defects.
- H350 May cause cancer. Route of exposure: Inhalation.
- H351 Suspected of causing cancer. Route of exposure: Inhalation.
- H361 Suspected of damaging fertility or the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.

• **Date of preparation / last revision** December 18, 2019 / -

• **Abbreviations and acronyms:**

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- OSHA: Occupational Safety & Health Administration
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- Met. Corr. 1: Corrosive to metals – Category 1
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 2: Acute toxicity – Category 2
- Skin Corr. 1A: Skin corrosion/irritation – Category 1A
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Skin Sens. 1: Skin sensitisation – Category 1
- Muta. 2: Germ cell mutagenicity – Category 2
- Carc. 1A: Carcinogenicity – Category 1A
- Carc. 1B: Carcinogenicity – Category 1B
- Carc. 2: Carcinogenicity – Category 2
- Repr. 2: Reproductive toxicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

• **Sources**

- Website, European Chemicals Agency (echa.europa.eu)
- Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do)
- Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

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Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN:
978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers