



LANDFILL – SOLID WASTE COMMITTEE

MEETING AGENDA MEETING

Wednesday, January 24th, 2024

3:00PM

419 Fulton Street – Room 404

Virtual option available:
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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

INTERNET ADDRESS: www.peoriagov.org

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CITY OF PEORIA – LANDFILL – SOLID WASTE COMMITTEE

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 01/24/2024 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 01/24/2024, 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
December 21, 2023, Regular Landfill Meeting Minutes

December 21, 2023, Executive session Minutes

AGENDA ITEMS

- ITEM NO. 1** REPORT FROM FOTH INFRASTRUCTURE & ENVIRONMENT, LLC
- A. Monthly Update Request
 - B. Signature Approval request
 - C. Waste Profiles Request
 - D. 2024 Engineering Services Agreement
- ITEM NO. 2** REPORT FROM PUBLIC WORKS ADMINISTRATION
- A. Landfill 2023 December financials
- ITEM NO. 3** REPORT FROM WASTE MANAGEMENT-Ian Johnson
- A. Monthly Activity Reports
 - B. Signature Approvals
- ITEM NO. 3** REPORT FROM GFL- Kris Thompson
- A. Signature Approval

UNFINISHED BUSINESS

Solar Discussion

NEW BUSINESS

EXECUTIVE SESSION

NEXT MEETING

Wednesday, February 7th, 2024 3:00PM

ADJOURNMENT

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

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

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

Josh Gabehart begins discussing the monthly update regarding the budget for the year—no shutdowns during this last period. Gas Methane is lower and the flow itself was 35.5% for November. Monthly Tonnages through the month were greater than the previous year due to more waste brought in but no recommended changes at this time. Discussed From the last meeting; on November 6th, IDNR had just started the investigation for some of the potential void areas on the underground mine. They had to switch rigs, they got that started this week and of the ten initial borings being looked at, so far, they have done five: none shown any voids. Again, this is just the initial and no updates have been made they are hoping to have the drilling done by January 12th depending on weather, etc. Regarding the meeting with IDNR, GFL, and Foth we were able to discuss the next steps connect with the IEPA, and inform them of what's been going on. Verbal communication has taken place so now we are asking for email to take place for paper records. The meeting is scheduled for the afternoon of January 9th as well as January 17th to connect. Brent and Lance (IDNR project managers) are examining boring and which areas to explore more next. Brent (IDNR) is declining to go into too much detail due to not knowing the next step if no boring or voids are found.

Questions

Fox- Where are we at as far as the process goes?

Josh- IEPA and IDNR are communicating and have written up a draft plan, so they are helping provide that data.

Van Winkle- Who is paying for this investigation of the drilling? Also, have we found any heavy voids?

Josh- IDNR. It is coming out of their abandoned mine budget. Yes, the only void they found was very shallow and 40-50 feet down.

Fox- Regarding the boring process if there is nothing there where do we even start looking?

Josh- IEPA would have to feel comfortable approving a permit and the burden of proof must be that nothing is there.

Van Winkle- I assume our focus would be, where we would be excavating for Landfill 3? And would we have to investigate further where the mine is located?

Josh- I think they will further investigate until they find it.

Chairman Morris- Reminding that the original signing application (13 years ago) stated there are no minds, but if so, it will not affect the integrity of Landfill 3. Approved under those conditions, for me, the greatest fear is they don't find anything, and we are still in the same spot.

Fox- IDNR's focus is finding where to bind. Our focus is making sure that there's not a mine that puts landfill integrity at risk.

Correct!

Signature Approvals

Asking for the approval of Chairman Morris's signature for four of our items regarding the Semi-annual report due 01/20, CAAPP (NSPS) report due 01/31, CAAPP air monitoring report due 01/31, and the Corrective action update report due to IEPA 01/15.

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

Waste Profiles Request

five pre-approved waste profiles (637583IL, 637584IL, 637667IL, 637688IL, and 637751IL) received and filed. No voting required.

2024 Meeting Schedule Request

Converting from meeting every 6 weeks to every 4 weeks. Should a need arise for the Committee to meet more frequently, a special meeting can be called; approved with a unanimous verbal vote from members of the committee.

Solar Development RFP Request

Looking for approval to Solicit for Proposals. So as the committee follows the administrative policies and purchasing policies, we want to make sure that we are square on what we are asking for and working with our procurement dept.

Chairman Morris- Confirming approval of what's been proposed subject to review and edit by legal and procurement?

Correct!

Fox motioned to approve signatures, seconded by Riggensbach; approved with a unanimous verbal vote.

ITEM NO. 2 REPORT FROM PUBLIC WORKS ADMINISTRATION

Landfill Monthly Budget Report

Shaun Schoonover Started with November Revenues, which have been coming in higher than budget. \$55.7k in revenues for the month. Expenditures for the month were \$55.6K so \$5K to the good for the month. YTD totals were \$499K Which leads our expenses to \$419K so \$79K access revenues. However, December expenses will catch up with revenues. With us only having one month left to post will leave us with 2 months of FOTH's bills. \$2.5K in audit fees which were posted in December. I am also waiting on an invoice from J.C. Dillon

causing the access revenue to decrease. Expecting to have that information by the next meeting.

ITEM NO. 3 REPORT FROM WASTE MANAGEMENT

Monthly Activity Reports

Reporting from Ian Johnson- Random weekly load checks completed; no issues noted to report.

Signature Approvals

Asking for signatures before the next meeting, requesting authorization for the Committee chairperson to sign documents, subject to review and approval in advance by Foth. Based on tonnages we could be looking at closure of PCC2 in September vs. dragging out to October. We're planning on doing another drone survey, maybe in March or April, and will report back to the committee with an update in late summer or early fall.

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

---NO COMMENT FROM GFL

UNFINISHED BUSINESS –

Patrick Hayes- From GFLS's perspective, who must manage the city and county's collection waste from the closure of Landfill #2, until the commencement of operations of Landfill #3?

Another issue from GFL's perspective is who has the primary responsibility to communicate with the IEPA regarding the IDNR activities at the site as it relates to the permit that GFL holds. (I'd be happy to follow up via email, so you have the exact question).

Adjournment 3:46 PM



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

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

AGENDA DATE REQUESTED: JANUARY 24, 2024

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 January 1 through December 31, 2023. The total amount billed through December 31 is \$387,199. With the added budget amount of \$60,000 approved in August for additional services due to discovery of the underground mine and unplanned repairs to landfill operations, we are below planned spend for the year - total spend was 96.9% of the January through December 31, 2023 contract. As also noted in the November 15 and December 21 monthly updates, because much of the solar development budget will roll over into the 2024 budget, the spreadsheet was adjusted to separate Phase 4 – Solar Development from the remaining budget items in order to get a better view of the budget for the year.

Updates Regarding Compliance Activities, Measures, and Progress

- There were two shutdowns since the last meeting that required a 405 – CAAPP form. The flare was down for 13 hours and 8 minutes on January 7th due to high winds. On January 13th, it was down for 84 hours and 31 minutes due to high winds and extreme cold; the battery backup faulted and prevented the system from notifying staff.
- Gas methane content at the flare was 37.1% for the month of December, within the expected range.
- 5,000 gallons of leachate were transported off-site to GPSD since the last meeting.
- Monthly tonnages through December are attached. Through December, general MSW was over the 2022 receipts by nearly 16,000 tons. Total tonnage received was nearly 23,000 tons over the 2022 waste receipts. There are no recommended changes to plan at this time.
- Leachate seep investigation and repair on the west side slope of Landfill #1 was completed on 01/05/2024 by J.C. Dillon.
- A dam inspection was completed on December 19, 2023, and Foth is preparing the report.

Landfill 3 Updates

With Landfill #3 airspace anticipated to be depleted in September of 2024, on Friday, January 5, 2024, Foth participated in a meeting with IEPA to discuss potential waste disposal alternatives and associated permitting requirements.

On Tuesday, January 9, 2024, Foth and GFL participated in a meeting with IEPA and IDNR regarding status of the mine exploration work and how results could impact Landfill #3 progress. Meeting notes are attached.

On Wednesday, January 17, 2024, Foth and GFL participated in a meeting with IDNR to discuss progress of the underground mine investigation. No additional work had been done since the meeting with IEPA on January 9 due to adverse weather and site conditions. Site conditions will continue to be monitored and the investigation will continue as soon as conditions allow, approximately 4-6 weeks.

Solar

Foth provided the Request for Proposals (RFP) for solar development in the December 21, 2023 meeting agenda. The Committee approved the action to solicit for proposals with approval of legal review.

FINANCIAL IMPACT: N/A

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

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

Operational Notes:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

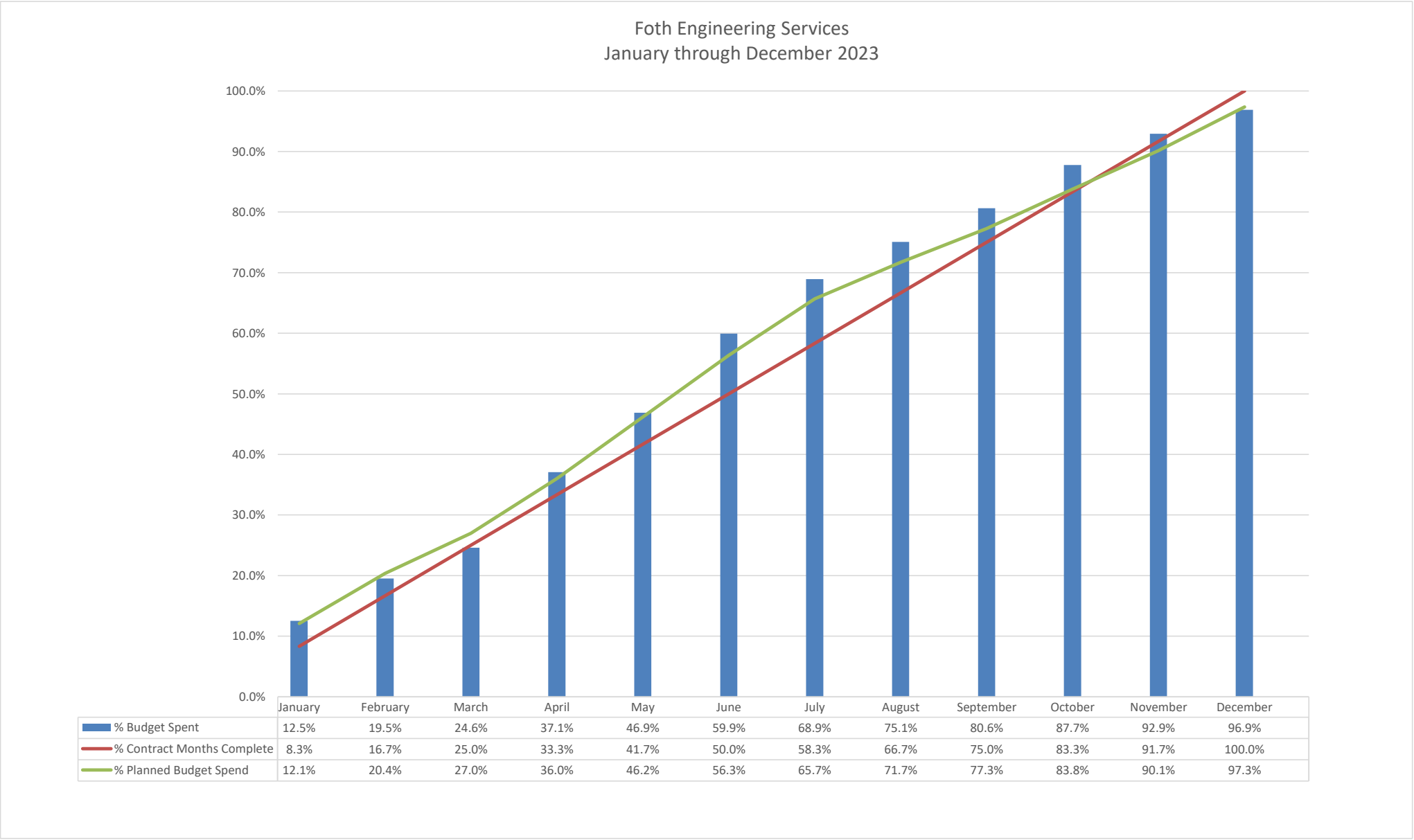
November - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, Committee meeting agenda prep and attendance. Waste profile reviews. Phase 2: Groundwater sample analysis. Phase 3: Sump pumping and repairs. Landfill operations. Monthly gas monitoring. Flare and pump issue troubleshooting. Green house gas data analysis. Lab sample analysis. Phase 4: Preparation of solar RFQ. Phase 5: Coordination regarding mine investigation. Mine investigation oversight. Phase 6: Leachate seep repair coordination and on-site observation.

December - Phase 1: Project management tasks and meetings, including updates of schedule, project planning, budget tracking, 2024 planning. Committee meeting agenda prep and attendance. Waste profile reviews. Phase 2: Lab data review. Phase 3: Data management. Flare data processing. Landfill operations. Monthly gas monitoring. Phase 4: Preparation of solar RFQ. Phase 5: Coordination regarding mine investigation. Mine investigation oversight. Phase 6: NA

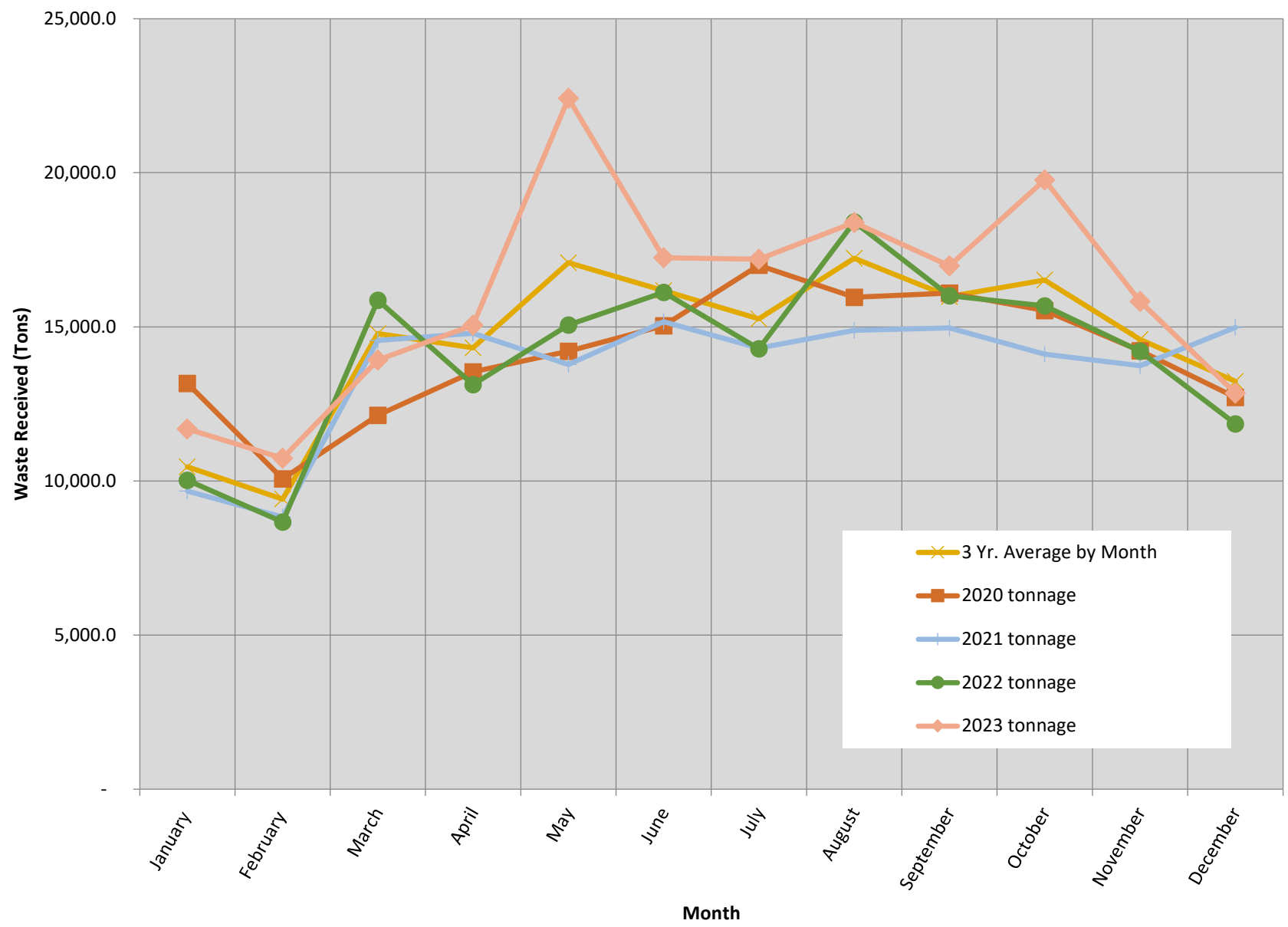
Foth Infrastructure & Environment, LLC
23P300.00 - Engineering Services January - December 2023
Joint City and County of Peoria Landfill Committee

		July		August		September		October		November		December		YTD TOTAL		
Phase/ Task	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	% Complete
Phase 1	General Compliance and Guidance	\$ 13,400	\$ 14,703	\$ 8,400	\$ 8,582	\$ 7,400	\$ 5,905	\$ 8,600	\$ 8,296	\$ 8,800	\$ 3,444	\$ 10,000	\$ 6,095	\$ 124,075	\$ 113,075	91%
Phase 2	Groundwater Support and Data Review	\$ 1,885	\$ 1,648	\$ 1,985	\$ 3,971	\$ 1,985	\$ 2,047	\$ 85	\$ 105	\$ 1,185	\$ 413	\$ 500	\$ 906	\$ 30,492	\$ 31,279	103%
Phase 3	Gas System and Leachate Management Operations	\$ 9,210	\$ 7,340	\$ 11,143	\$ 9,963	\$ 11,356	\$ 13,056	\$ 12,443	\$ 14,643	\$ 7,037	\$ 5,233	\$ 7,637	\$ 5,235.56	\$ 138,364	\$ 139,063	101%
Phase 5	Landfill No. 2 and No. 3 Expansion/Transition	\$ 4,000	\$ 3,289	\$ 2,000	\$ 1,464	\$ 1,000	\$ 678	\$ 3,500	\$ 3,251	\$ 7,200	\$ 10,774	\$ 10,000	\$ 3,241	\$ 62,500	\$ 60,224	96%
Phase 6	Unplanned GCCS Repairs/Emergency	\$ 8,000	\$ 8,072	\$ -	\$ -	\$ -	\$ -	\$ 650	\$ 1,529	\$ 700	\$ 290	\$ -	\$ -	\$ 35,000	\$ 34,567	99%
	Total Excluding Solar Development	\$36,495	\$35,053	\$23,528	\$23,979	\$21,741	\$21,686	\$25,278	\$27,823	\$24,921	\$20,154	\$28,137	\$15,478	\$ 390,431	\$ 378,207	97%
	% Contract Months Complete	58.3%		66.7%		75.0%		83.3%		91.7%		100.0%				
	% Budget Spent	68.9%		75.1%		80.6%		87.7%		92.9%		96.9%				
	% Planned Budget Spend	65.7%		71.7%		77.3%		83.8%		90.1%		97.3%				

Phase 4	Solar Development	\$ 1,000	\$ -	\$ 1,000	\$ 290	\$ 500	\$ 194	\$ 1,500	\$ 1,044	\$ 5,000	\$ 2,108	\$ 4,000	\$ 4,043	\$ 35,000	\$ 8,992	26%
	Total Including Solar Development	\$37,495	\$35,053	\$24,528	\$24,270	\$22,241	\$21,879	\$26,778	\$28,868	\$29,921	\$22,262	\$32,137	\$19,522	\$ 425,431	\$ 387,199	91%



Waste Received by Month



Waste Received by Month PCCL Landfill No 2

Month	2016 Tonnage	2017 Tonnage	2018 Tonnage	2019 Tonnage	2020 tonnage	2021 tonnage	2022 tonnage	2023 tonnage	5 Yr. Average by Month	3 Yr. Average by Month	2 Yr. Average by Month
January	13,255.78	16,148.43	11,730.59	12,199.76	13,168.18	9,667.53	10,021.13	11,682.50	11,347.8	10,457.1	10,851.8
February	14,992.00	11,959.48	12,244.04	9,746.12	10,070.59	8,832.31	8,670.38	10,740.68	9,612.0	9,414.5	9,705.5
March	15,881.57	14,204.13	14,516.49	12,533.33	12,128.74	14,559.55	15,860.15	13,919.72	13,800.3	14,779.8	14,889.9
April	16,231.71	14,883.60	14,573.51	15,014.76	13,541.53	14,791.33	13,123.26	15,055.70	14,305.3	14,323.4	14,089.5
May	17,708.52	18,306.44	17,568.27	16,560.81	14,209.21	13,779.53	15,056.74	22,416.18	16,404.5	17,084.2	18,736.5
June	17,890.95	19,901.95	16,896.60	15,267.88	15,037.75	15,171.04	16,120.02	17,242.79	15,767.9	16,178.0	16,681.4
July	15,088.31	17,685.91	16,116.44	15,569.30	17,000.88	14,309.57	14,284.38	17,192.91	15,671.4	15,262.3	15,738.6
August	17,744.07	20,548.26	16,445.70	16,690.04	15,963.12	14,881.66	18,405.77	18,390.25	16,866.2	17,225.9	18,398.0
September	18,890.92	18,155.15	14,809.20	13,953.48	16,095.09	14,965.24	16,009.40	16,979.15	15,600.5	15,984.6	16,494.3
October	16,091.54	17,772.77	16,235.75	19,289.83	15,531.79	14,112.35	15,684.03	19,761.08	16,875.8	16,519.2	17,722.6
November	14,459.79	17,273.03	13,895.01	18,263.39	14,222.22	13,741.19	14,207.94	15,826.20	15,252.2	14,591.8	15,017.1
December	13,168.40	12,764.20	12,208.30	14,534.79	12,708.54	14,983.92	11,853.62	12,847.87	13,385.7	13,228.5	12,350.7
Total	191,403.56	199,603.35	177,239.90	179,623.49	169,677.64	163,795.22	169,296.82	192,055.03	174,889.64	175,049.02	180,675.93
General MSW	182,787.68	187,239.69	173,804.02	161,919.10	161,970.42	159,145.96	160,305.60	176,208.39			
Profiled Waste Tons	8,615.88	12,363.66	3,435.88	17,704.39	7,707.22	4,649.26	8,991.22	15,846.64			

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

Foth Infrastructure & Environment, LLC Project Meeting Summary

Meeting Site: IEPA Office

Time: 1:30 PM CST

Participants: Josh Gabehart
Mark Williams
Tara Van Hoof
Jacki Cooperider
Greg Morris
Reylin Dimayuga
Joshua Rhoades
Brent Guttman
Joeseeph Karl
Matt Coulter
Tim Curry
George Armstrong
David Bryant
Kris Thompson
Patrick Hayes
Jennie Cordis Boswell

Representing: Foth
Foth
Foth
IEPA
IEPA
IEPA
IEPA
IDNR
IDNR
GFL
GFL
GFL
GFL
GFL
City of Peoria
Peoria County

Reason for Meeting: Underground Mine Exploration and Potential Impacts to Landfill #3 Progress

Summary of Discussion:

IDNR underground mine exploration update:

Brent Guttman - Abandoned Mine Reclamation Division

Tasked with preparing an exploratory boring plan in the area of Landfill #3. Initial set of 10 borings.

Approved work order for consultant in October 2023.

Work started November 14, 2023.

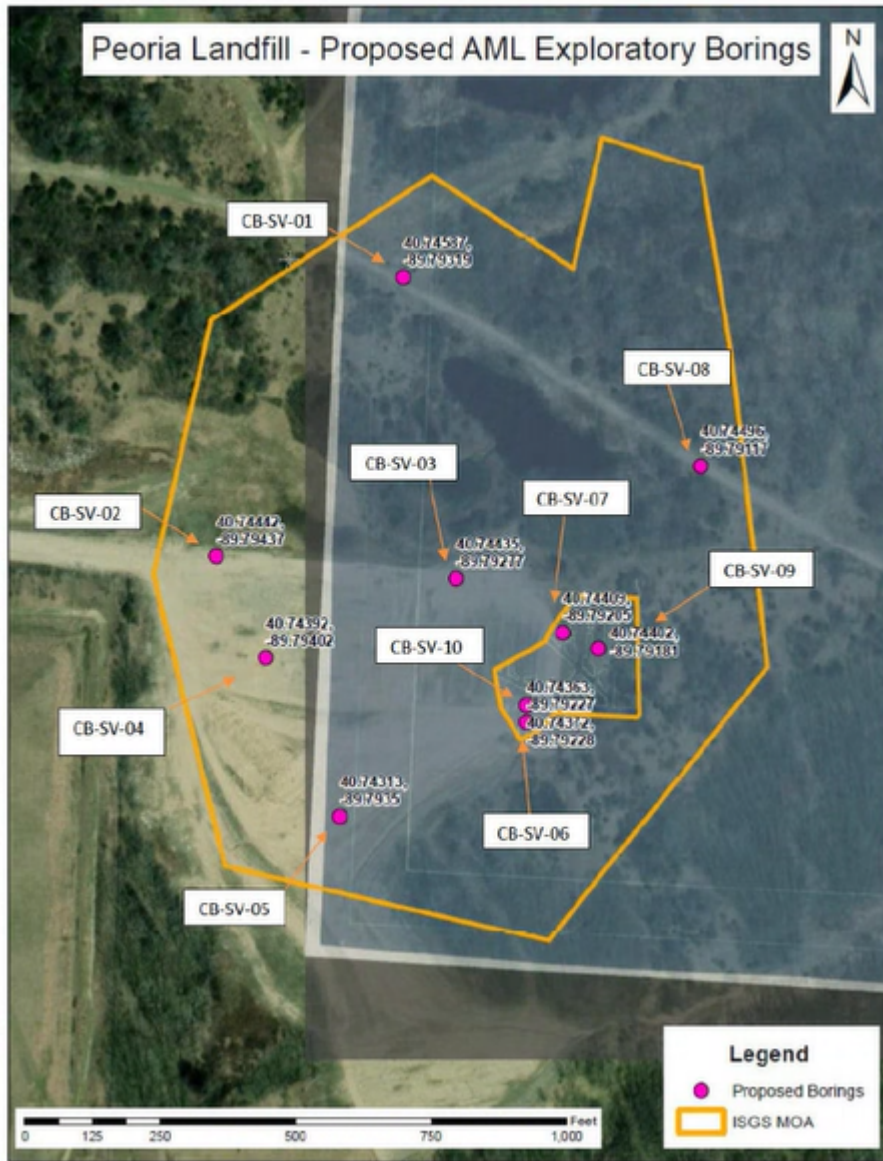
Month of work in, but mid-December, site not accessible to drilling crew due to weather/conditions

To date, 6 of the 10 borings have been completed.

Borings #1-5 and #8 are completed, in the outer polygon area

Inset area is ~5 acres, outer polygon is ~20 acres

Hadn't encountered any voids until CB-SV-02 in which they hit a void in the 40-50 ft depth range. Void assumed to be due to a boulder within this coal seam but will further evaluate. 120 ft hit Springfield coal seam.



What happens if you do encounter mine void spaces?

One potential path forward, prepare a plan for drilling and grouting. Would involve more than 10 drilling locations. Grid pattern to cover the area anticipated to be under mine.

What happens if you do NOT encounter mine void spaces?

Will need to go back to investigation plan and potentially add boring locations or determine if there are other means - seismic reflectivity or other - to determine if there are voids.

Initial mine evaluation determined that if any of the mapped mines collapsed, the landfill would not be significantly impacted. Previous data would be evaluated along with new data to help move forward with a plan.

IEPA is looking for IDNR to sign off saying there is no mine or if grouted, that it is fully remediate. IEPA needs to go through the process of seeing the engineering details - load-bearing, stability, etc. with remedy, but they are leaning heavily on IDNR since they have the experts.

IEPA is looking to IDNR to adequately do the evaluation, don't need to necessarily sign off on the plan.

For grouting mine sites, usually use combination of cement, fly ash, water, sand in the grout but can incorporate bentonite - specify in the specs.

What if the coal seam has already collapsed? Grout mix is fluid enough to infiltrate the rubblized voids.

Noted to be slope-type entries to the mine, to the east. Not likely to find any evidence due to later strip mining.

Are there engineering methods to determine risk of mine collapsing? There are methods, but Brent doesn't have a lot of confidence in those. Subsidence prediction methods, may be more relevant to more modern mining methods, not as reliable for older mining methods. Seismic reflection survey or other geophysical methods may be useful in determine presence of voids or whether the voids have collapsed.

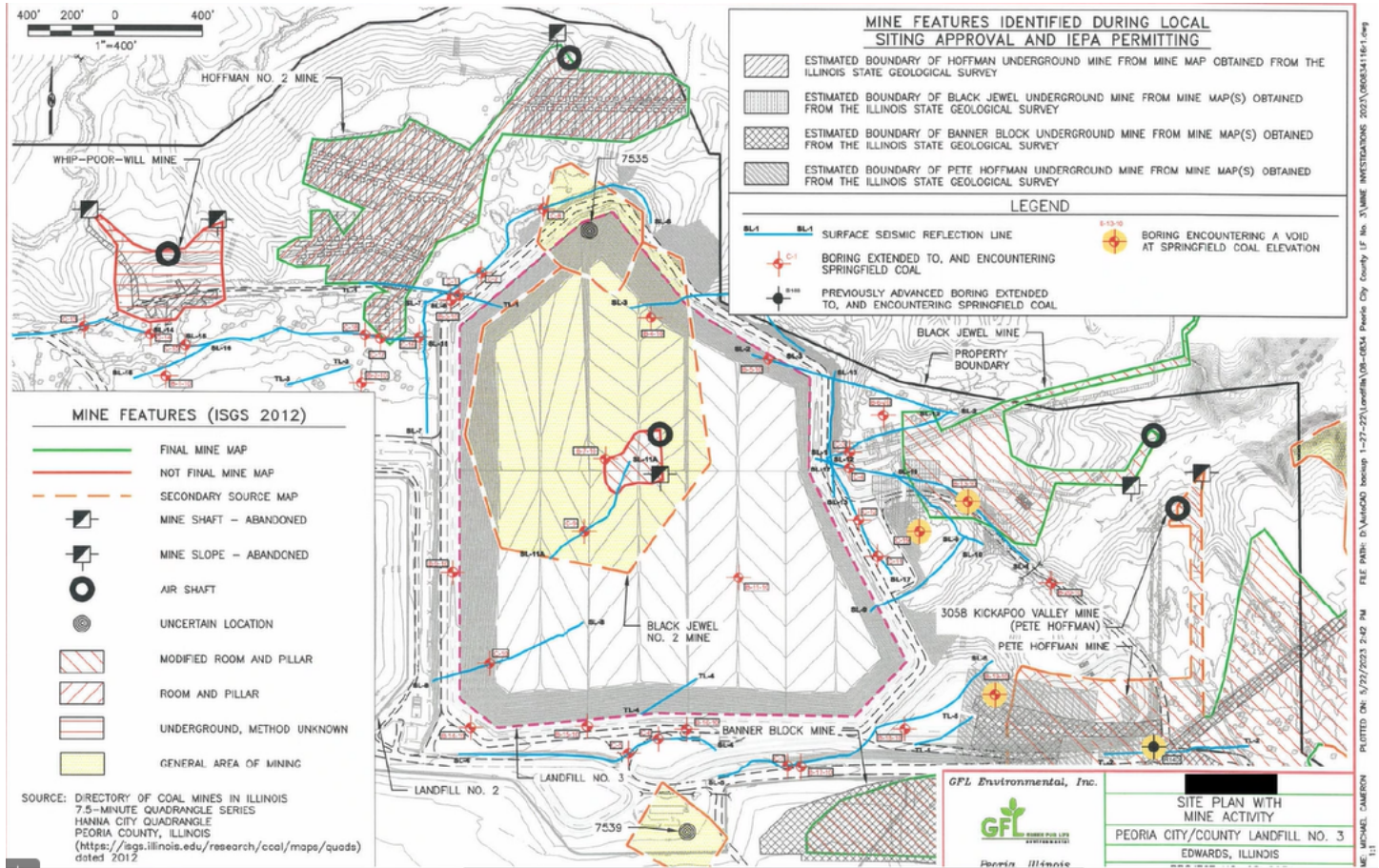
From a Groundwater concern, borings have been grouted using bentonite and this has been documented.

GFL requested a more formal and detailed work plan from IDNR (process, procedure, plan, scope). IDNR agreed to provide this.

If remediated, does approval by IDNR allow current permit to be in place and allow us to move forward or is additional action required? IEPA stated that additional information and design would need to be submitted since the nature of subsurface has been modified by grouting.

Brent requested to get the historic investigation information - borings, seismic reflection, etc.

Section 22.36 of the Environmental Protection Act - need to make sure compliant - permit exemption with engineering, IEPA would want to see the engineering data but sounds like we can move forward with the permit if everything looks good.





REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

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

AGENDA DATE REQUESTED: January 24, 2024

ACTION REQUESTED: Approval for Chairman Morris' Signature

- 405-CAAPP Form for two Flare Shutdowns that Exceeded the One Hour Duration

BACKGROUND: During the shutdowns the flare system functioned as designed; there were no releases of landfill gas to the atmosphere. The causes of the shutdowns are discussed in the monthly update.

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 in the professional services agreement with Foth Infrastructure & Environment, LLC.



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

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

Agenda Date Requested: January 24, 2024

ACTION REQUESTED: Receive and file four, pre-approved waste profiles: 637815IL, 637907IL, 637959IL, 637988IL. Committee approval is required for one waste profile: 637850IL.

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

1. Profile 637850IL from CSX Transportation requires Committee approval for Deer Carcass.
2. Profile 637815IL from Tom's Tubb/Tubby's Tub was pre-approved per the Asbestos Containing Material Policy.
3. Profile 637907IL from Baldovin Construction was pre-approved per the Asbestos Containing Material Policy.
4. Profile 637959IL from Ameren Illinois was pre-approved per the Contaminated Soil and Debris Policy.
5. Profile 637988IL from Proctor Place, was pre-approved per the Non-Contaminated Soil and Debris Policy.

Foth has included all the technical data in the packet.

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 \$2,372 in host fees.



Memorandum

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

January 24, 2024

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.

1)

Generator/Profile	Waste Stream Info
CSX Transportation W550 & S 150W Layfayette, IL 61449	Deer Carcass
Application Dated: 12/28/2023 Received: 01/02/2024	Train Strike
Source: Stark County Type: Non-Special Profile #637850IL	<u>Expected</u> Quantity: 150 Pounds Frequency: one time
Subject to County Fee: Yes Last Tested:	<u>Estimated Host Fee Revenue:</u> <\$10.00

Comments: This waste stream is a deer carcass from a train strike. The carcass has been placed in a drum for disposal. Foth had no technical objections to the landfill receiving this waste stream based on the information provide to Foth Infrastructure and Environment, LLC.

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

- Tom's Tubb/Tubby's Tub Profile 637815IL
 - Asbestos Containing Material Policy
 - 150 tons, repeat
 - Estimated Host Fee – \$423.00
- Baldovin Construction, Profile 637907IL
 - Asbestos Containing Material Policy
 - 200 tons, one-time
 - Estimated Host Fee – \$564.00
- Ameren Illinois, Profile 637959IL
 - Contaminated Soil and Debris Policy
 - 225 yards, one-time
 - Estimated Host Fee – \$951.75
- Proctor Place, Profile 637988IL
 - Non-Contaminated Soil and Debris Policy
 - 150 tons, one-time
 - Estimated Host Fee – \$423.00

See attached profile sheets. SDSs and laboratory reports are provided as appropriate.

Committee approval does not relieve the Generator or Landfill Operator from complying with all applicable laws and regulations. Committee approval is based on information provided by Generator and Landfill Operator.



Requested Facility: **Peoria City - County Landfill** ☐ Unsure Profile Number: **637850IL**
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

- Generator Name: **CSX Transportation**
- Generator Site Address: **W 550 & S 150 W**
(City, State, ZIP) **Lafayette IL 61449**
- County: **Stark**
- Contact Name: **Scott Karcher**
- Email: **Scott_Karcher@CSX.com**
- Phone: **(734) 732-3710** 7. Fax: _____
- Generator EPA ID: _____ ☒ N/A
- State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

- Common Name: **deer carcass**
Describe Process(es) Generating Material: ☐ See Attached
train strike Hepaco 2303.0320198 R 214749
- Material Composition and Contaminants: ☐ See Attached

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

B. BILLING INFORMATION☐ SAME AS GENERATOR

- Billing Name: **Hepaco LLC**
- Billing Address: **1934 N. Lafayette Court**
(City, State, ZIP) **Griffith IN 46319**
- Contact Name: **Chris Bean**
- Email: **Cbean@hepaco.com**
- Phone: **(419) 617-5496** 6. Fax: _____
- P.O. Number: _____
- Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

D. REGULATORY INFORMATION

- EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
- State Hazardous Waste? ☐ Yes ☒ No
Code: _____
- Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
- Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
- Does the material contain benzene? ☐ Yes* ☒ No
- Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
- CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
- NRC, State-regulated, NORM or TENORM waste? ☐ Yes* ☒ No

***If Yes, see Addendum (page 2) for additional questions and space.**

- Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
 - Regulated by 40 CFR 761? ☐ Yes ☐ No
 - Remediation under 40 CFR 761.61? ☐ Yes ☐ No
 - Were PCBs imported into the US? ☐ Yes ☐ No
- Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
- Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable - Regulated ☐ Friable
- Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

F. SHIPPING AND DOT INFORMATION

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Annual Quantity/Unit of Measure: **1**
☐ Tons ☐ Yards ☒ Drums ☐ Gallons ☐ Other _____
- Container Type and Size: **150lbs**
- USDOT Proper Shipping Name ☐ N/A
Non RCRA/Non DOT Regulated solids, (deer carcass)
- Estimated Start Date _____
- Transportation Needed? ☐ Yes* ☒ No

Name (Print): **Scott Karcher**

Title: **PM**

Company: **CSX**

Date: **12/28/2023**

Certification Signature

Scott Karcher



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

F. Additional Waste Stream Information

Profile Number: 637850IL

Generators Name: CSX Transportation

Generators SITE Address: W 550 & S 150 W Lafayette IL 61449
(The location where the waste is generated)

Waste Name: deer carcass

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):
general knowledge

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):
general knowledge

8. Is the waste represented by this profile sheet exempt from Illinois Solid Waste Management Act fee? ☒ Yes ☐ No
Select option: ☒ Pollution Control Waste ☐ Other

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

Name: (Print) Scott Karcher Title: PM

Signature: Scott Karcher Date: 12/28/2023



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 637815IL
☐ Multiple Generator Locations (Attach Locations) ☒ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Tom's Tubb/Tubby's Tub
2. Generator Site Address: Various Locations
(City, State, ZIP) Various locations IL 61607
3. County: Peoria
4. Contact Name: Jennifer Brix
5. Email: tomsrollofftubs@gmail.com
6. Phone: (309) 620-0438 7. Fax: _____
8. Generator EPA ID: _____ ☒ N/A
9. State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

1. Common Name: Asbestos-Friable
Describe Process(es) Generating Material: ☐ See Attached
Removal of regulated, uncontaminated friable, or non-friable that has become friable, asbestos containing materials from demolition/dismantling or remediation activities. DOES NOT include clean-up wastes, such as, soils that are
2. Material Composition and Contaminants: ☐ See Attached

1. Demolition debris, asbestos	100 %
2.	
3.	
4.	
Total comp. must be equal to or greater than 100%	≥100%

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

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

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: Tom's Tubb/Tubby's Tub
2. Billing Address: 7302 S Adams St
(City, State, ZIP) Bartonville IL 61607
3. Contact Name: Jennifer Brix
4. Email: tomsrollofftubs@gmail.com
5. Phone: (309) 620-0438 6. Fax: _____
7. P.O. Number: _____
8. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
2. State Hazardous Waste? ☐ Yes ☒ No
Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
5. Does the material contain benzene? ☐ Yes* ☒ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
8. NRC, State-regulated, NORM or TENORM waste? ☐ Yes* ☒ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
a. Regulated by 40 CFR 761? ☐ Yes ☐ No
b. Remediation under 40 CFR 761.61? ☐ Yes ☐ No
c. Were PCBs imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☒ Yes ☐ No
→ If Yes: ☐ Non-Friable ☒ Non-Friable - Regulated ☒ Friable
12. Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

F. SHIPPING AND DOT INFORMATION

1. ☐ One-Time Event ☒ Repeat Event/Ongoing Business
2. Estimated Annual Quantity/Unit of Measure: 150
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other _____
3. Container Type and Size: 30 yard roll-off
4. USDOT Proper Shipping Name ☐ N/A
RQ, NA2212, Asbestos, 9, PG III
5. Estimated Start Date 12/19/2023
6. Transportation Needed? ☐ Yes* ☒ No

Name (Print): Todd Uhlman
Title: Owner/Manager
Company: Tom's Tubs/Tubby's Tubs
Date: 12/18/2023
Certification Signature

Todd Uhlman
b6F091e07e...



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: 6378151L

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

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.

e. Form Code:

f. Source Code:

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

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

☐ Delisted Hazardous Waste

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

☐ Treated Hazardous Waste Debris

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

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

c. What is the flow weighted average benzene concentration?

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

e. Is this waste soil from a remediation?

☐ Yes ☐ No

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

_____ ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption: _____

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

8. NRC, State-regulated radioactive, NORM or TENORM? →

a. Please select all that apply:

☐ Nuclear Regulatory Commission (NRC) Radioactive

☐ Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

☐ State-Regulated Radioactive

☐ Naturally Occurring Radioactive Material

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

☐ Yes ☐ No



Requested Facility: **Peoria City - County Landfill** ☐ Unsure Profile Number: **637907IL**
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: **BALDOVIN CONSTRUCTION**
2. Generator Site Address: **825 SW ADAMS ST**
(City, State, ZIP) **PEORIA IL 61602**
3. County: **Peoria**
4. Contact Name: **CASEY BALDOVIN**
5. Email: **JOSH@RCDEMOLITION.COM**
6. Phone: **(309) 299-0207** 7. Fax: _____
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 Lab Report(s) and list specific representative Sample ID#s:

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

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

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

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

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

B. BILLING INFORMATION☐ SAME AS GENERATOR

1. Billing Name: **RIVER CITY DEMOLITION**
2. Billing Address: **PO Box 726**
(City, State, ZIP) **Peoria IL 61652**
3. Contact Name: **Josh Runyon**
4. Email: **JOSH@RCDEMOLITION.COM**
5. Phone: **(309) 299-0207** 6. Fax: _____
7. P.O. Number: _____
8. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
2. State Hazardous Waste? ☐ Yes ☒ No
Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
5. Does the material contain benzene? ☐ Yes* ☒ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
8. NRC, State-regulated, NORM or TENORM waste? ☐ Yes* ☒ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
a. Regulated by 40 CFR 761? ☐ Yes ☐ No
b. Remediation under 40 CFR 761.61? ☐ Yes ☐ No
c. Were PCBs imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☒ Yes ☐ No
→ If Yes: ☒ Non-Friable ☐ Non-Friable - Regulated ☐ Friable
12. Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Annual Quantity/Unit of Measure: **200**
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other _____
3. Container Type and Size: **SEMI TRAILERS**
4. USDOT Proper Shipping Name ☐ N/A
NON FRIABLE ASBESTOS - DEMOLITION DEBRIS
5. Estimated Start Date **12/26/2023**
6. Transportation Needed? ☐ Yes* ☒ No

Name (Print): **Josh Runyon**

Title: **President**

Company: **River City Demolition**

Date: **12/21/2023**

Certification Signature

Josh Runyon

3743408-013...



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: 6379071L

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.

e. Form Code:

f. Source Code:

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

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

☐ Delisted Hazardous Waste

☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion:

☐ Treated Hazardous Waste Debris

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

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

c. What is the flow weighted average benzene concentration?

_____ ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

e. Is this waste soil from a remediation?

☐ Yes ☐ No

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

_____ ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption:

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

8. NRC, State-regulated radioactive, NORM or TENORM? →

a. Please select all that apply:

☐ Nuclear Regulatory Commission (NRC) Radioactive

☐ Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

☐ State-Regulated Radioactive

☐ Naturally Occurring Radioactive Material

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

☐ Yes ☐ No

Requested Facility: **Peoria City - County Landfill**☐ Unsure Profile Number: **637959IL**☐ Multiple Generator Locations (Attach Locations)☐ Request Certificate of Disposal☐ Renewal? Original Profile Number: _____**A. GENERATOR INFORMATION (MATERIAL ORIGIN)**

- Generator Name: **Ameren Illinois**
- Generator Site Address: **22852 Washington Road**
(City, State, ZIP) **Washington IL 61571**
- County: **Tazewell**
- Contact Name: **Leslie Hoosier**
- Email: **lhoosier@ameren.com**
- Phone: **(314) 536-3641** 7. Fax: _____
- Generator EPA ID: **ILR000146571** ☐ N/A
- State ID: **1790755003** ☐ N/A

C. MATERIAL INFORMATION

- Common Name: **Soil & Debris Excavated for Vehicle Lift Install**
Describe Process(es) Generating Material: ☐ See Attached

An existing hydraulic vehicle lift was removed from a maintenance garage on Ameren property. Concrete & soil were excavated to install a new vehicle lift in the same place where the existing lift was removed.
- Material Composition and Contaminants: ☐ See Attached

1. Soil	80-90 %
2. Concrete	10-20 %
3.	
4.	
Total comp. must be equal to or greater than 100%	≥100%
- State Waste Codes: ☒ N/A
- Color: **brown**
- Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: _____
- Free Liquid Range Percentage: _____ to _____ ☒ N/A
- pH: _____ to _____ ☒ N/A
- Strong Odor: ☐ Yes ☒ No Describe: _____
- Flash Point: ☐ <140°F ☐ 140°-199°F ☒ ≥200° ☐ N/A

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

Teklab report 23120916, Lab ID# 23120916-001.
- Other information attached (such as SDS)? ☒ Yes

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

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

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

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE**B. BILLING INFORMATION**☐ SAME AS GENERATOR

- Billing Name: **SET Environmental**
- Billing Address: **1560B Fairview Avenue**
(City, State, ZIP) **St. Louis MO 63132**
- Contact Name: **Patrick Umphenour**
- Email: **pumphour@setenv.com**
- Phone: **(314) 695-3248** 6. Fax: _____
- P.O. Number: _____
- Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

D. REGULATORY INFORMATION

- EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
- State Hazardous Waste? ☐ Yes ☒ No
Code: _____
- Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
- Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
- Does the material contain benzene? ☐ Yes* ☒ No
- Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
- CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
- NRC, State-regulated, NORM or TENORM waste? ☐ Yes* ☒ No

***If Yes, see Addendum (page 2) for additional questions and space.**

- Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
 - Regulated by 40 CFR 761? ☐ Yes ☐ No
 - Remediation under 40 CFR 761.61? ☐ Yes ☐ No
 - Were PCBs imported into the US? ☐ Yes ☐ No
- Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
- Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable - Regulated ☐ Friable
- Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

F. SHIPPING AND DOT INFORMATION

- ☒ One-Time Event ☐ Repeat Event/Ongoing Business
- Estimated Annual Quantity/Unit of Measure: **225**
☐ Tons ☒ Yards ☐ Drums ☐ Gallons ☐ Other _____
- Container Type and Size: **20 yard rolloff**
- USDOT Proper Shipping Name ☒ N/A
- Estimated Start Date _____
- Transportation Needed? ☐ Yes* ☒ No

Name (Print): **Leslie Hoosier**Title: **Career Environmental Scientist**Company: **Ameren**Date: **01/04/2024**

Certification Signature

9596F31b7d...



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

F. Additional Waste Stream Information

Profile Number: 637959IL

Generators Name: Ameren Illinois

Generators SITE Address: 22852 Washington Road Washington IL 61571
(The location where the waste is generated)

Waste Name: Soil & Debris Excavated for Vehicle Lift Install

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) Leslie Hoosier Title: Career Environmental Scientist

Signature: Leslie Hoosier Date: 01/04/2024

Waste Profile 637959
Laboratory Report

December 27, 2023

Patrick Umphenour
SET Environmental, Inc.
1560B Fairview Avenue
St. Louis, MO 63132
TEL: (314) 890-8600
FAX: (314) 890-8666



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

RE: 2312-0081

WorkOrder: 23120916

Dear Patrick Umphenour:

TEKLAB, INC received 1 sample on 12/12/2023 1:00:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



Patrick Riley
Project Manager
(618)344-1004 ex 44
patrickriley@teklabinc.com



Report Contents

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

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	12
Chain of Custody	Appended

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Abbr Definition

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

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

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

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

DNI Did not ignite

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

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

IDPH IL Dept. of Public Health

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

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

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

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

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

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

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

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

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

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

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

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

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

TNTC Too numerous to count (> 200 CFU)

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Qualifiers

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



Case Narrative

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

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Cooler Receipt Temp: 8.8 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com

Client: SET Environmental, Inc.**Work Order:** 23120916**Client Project:** 2312-0081**Report Date:** 27-Dec-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Lab ID: 23120916-001

Client Sample ID: EOC-1

Matrix: SOLID

Collection Date: 12/12/2023 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA SW846 3550C, 5035A, ASTM D2974								
Percent Moisture	*	0.1		6.7	%	1	12/13/2023 9:51	R340514
SW-846 1311, 3010A, 6010B, METALS IN TCLP EXTRACT BY ICP								
Arsenic	NELAP	0.250		< 0.250	mg/L	1	12/19/2023 8:38	216099
Barium	NELAP	0.450		0.817	mg/L	1	12/19/2023 8:38	216099
Cadmium	NELAP	0.0200		< 0.0200	mg/L	1	12/19/2023 8:38	216099
Chromium	NELAP	0.100		< 0.100	mg/L	1	12/19/2023 8:38	216099
Lead	NELAP	0.400		< 0.400	mg/L	1	12/19/2023 8:38	216099
Selenium	NELAP	0.500		< 0.500	mg/L	1	12/19/2023 8:38	216099
Silver	NELAP	0.0700		< 0.0700	mg/L	1	12/19/2023 8:38	216099
SW-846 1311, 7470A IN TCLP EXTRACT								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	12/18/2023 12:04	216101
SW-846 1311, 3510C, 8270C, SEMI-VOLATILES IN TCLP EXTRACT BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
2,4,6-Trichlorophenol	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
2,4-Dinitrotoluene	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
Cresols, Total	NELAP	0.200		ND	mg/L	1	12/27/2023 11:02	216318
Hexachlorobenzene	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
Hexachlorobutadiene	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
Hexachloroethane	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
m,p-Cresol	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
Nitrobenzene	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
o-Cresol	NELAP	0.100		ND	mg/L	1	12/27/2023 11:02	216318
Pentachlorophenol	NELAP	0.200		ND	mg/L	1	12/27/2023 11:02	216318
Pyridine	NELAP	0.200		ND	mg/L	1	12/27/2023 11:02	216318
Surr: 2,4,6-Tribromophenol	*	45.7-125		68.2	%REC	1	12/27/2023 11:02	216318
Surr: 2-Fluorobiphenyl	*	35.2-108		66.9	%REC	1	12/27/2023 11:02	216318
Surr: 2-Fluorophenol	*	28.2-86.9		58.7	%REC	1	12/27/2023 11:02	216318
Surr: Nitrobenzene-d5	*	37.9-108		63.8	%REC	1	12/27/2023 11:02	216318
Surr: Phenol-d5	*	24.3-66.8		42.5	%REC	1	12/27/2023 11:02	216318
Surr: p-Terphenyl-d14	*	22.4-106		59.0	%REC	1	12/27/2023 11:02	216318
SW-846 3546, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD								
Aroclor 1016	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Aroclor 1221	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Aroclor 1232	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Aroclor 1242	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Aroclor 1248	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Aroclor 1254	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Aroclor 1260	NELAP	39.4		ND	µg/Kg-dry	1	12/18/2023 13:15	216054
Surr: Decachlorobiphenyl	*	14.2-114		74.8	%REC	1	12/18/2023 13:15	216054
Surr: Tetrachloro-meta-xylene	*	18.1-113		63.3	%REC	1	12/18/2023 13:15	216054
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,4-Trichlorobenzene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
1,2-Dichlorobenzene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
1,3-Dichlorobenzene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
1,4-Dichlorobenzene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,2'-oxybis(1-Chloropropane)	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Lab ID: 23120916-001

Client Sample ID: EOC-1

Matrix: SOLID

Collection Date: 12/12/2023 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2,4,5-Trichlorophenol	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,4,6-Trichlorophenol	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,4-Dichlorophenol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,4-Dimethylphenol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,4-Dinitrophenol	NELAP	1.04		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,4-Dinitrotoluene	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2,6-Dinitrotoluene	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2-Chloronaphthalene	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2-Chlorophenol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2-Methoxy-4-methylphenol	*	0.677		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2-Methylnaphthalene	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2-Nitroaniline	NELAP	1.04		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
2-Nitrophenol	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
3,3'-Dichlorobenzidine	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
3-Nitroaniline	NELAP	1.04		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4,6-Dinitro-2-methylphenol	NELAP	1.04		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4-Bromophenyl phenyl ether	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4-Chloro-3-methylphenol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4-Chloroaniline	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4-Chlorophenyl phenyl ether	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4-Nitroaniline	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
4-Nitrophenol	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Acenaphthene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Acenaphthylene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Aniline	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Anthracene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Azobenzene	*	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzo(a)anthracene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzo(a)pyrene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzo(b)fluoranthene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzo(g,h,i)perylene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzo(k)fluoranthene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzoic acid	NELAP	1.56		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Benzyl alcohol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Bis(2-chloroethoxy)methane	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Bis(2-chloroethyl)ether	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Bis(2-ethylhexyl)phthalate	NELAP	0.36	J	0.33	mg/Kg-dry	1	12/19/2023 14:26	215899
Butyl benzyl phthalate	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Carbazole	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Chrysene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Dibenzo(a,h)anthracene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Dibenzofuran	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Diethyl phthalate	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Dimethyl phthalate	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Di-n-butyl phthalate	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Di-n-octyl phthalate	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Fluoranthene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Lab ID: 23120916-001

Client Sample ID: EOC-1

Matrix: SOLID

Collection Date: 12/12/2023 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Fluorene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Hexachlorobenzene	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Hexachlorobutadiene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Hexachlorocyclopentadiene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Hexachloroethane	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Indeno(1,2,3-cd)pyrene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Isophorone	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
m,p-Cresol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Naphthalene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Nitrobenzene	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
N-Nitrosodimethylamine	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
N-Nitroso-di-n-propylamine	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
N-Nitrosodiphenylamine	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
o-Cresol	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Pentachlorophenol	NELAP	2.08		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Phenanthrene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Phenol	NELAP	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Pyrene	NELAP	0.035		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Pyridine	NELAP	0.521		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
1,2-Diphenylhydrazine	*	0.364		ND	mg/Kg-dry	1	12/19/2023 14:26	215899
Surr: 2,4,6-Tribromophenol	*	30.3-120		84.3	%REC	1	12/19/2023 14:26	215899
Surr: 2-Fluorobiphenyl	*	27-114		95.1	%REC	1	12/19/2023 14:26	215899
Surr: 2-Fluorophenol	*	33.3-101		81.7	%REC	1	12/19/2023 14:26	215899
Surr: Nitrobenzene-d5	*	25.9-115		77.8	%REC	1	12/19/2023 14:26	215899
Surr: Phenol-d5	*	36.8-108		88.5	%REC	1	12/19/2023 14:26	215899
Surr: p-Terphenyl-d14	*	25.4-118		86.5	%REC	1	12/19/2023 14:26	215899
SW-846 1311, 5030, 8260B, VOLATILE ORGANIC COMPOUNDS IN TCLP EXTRACT BY GC/MS								
1,1-Dichloroethene	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
1,2-Dichloroethane	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
1,4-Dichlorobenzene	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
2-Butanone	NELAP	1.00		ND	mg/L	100	12/20/2023 13:41	216315
Benzene	NELAP	0.050		ND	mg/L	100	12/20/2023 13:41	216315
Carbon tetrachloride	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
Chlorobenzene	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
Chloroform	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
Tetrachloroethene	NELAP	0.050		ND	mg/L	100	12/20/2023 13:41	216315
Trichloroethene	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
Vinyl chloride	NELAP	0.200		ND	mg/L	100	12/20/2023 13:41	216315
Surr: 1,2-Dichloroethane-d4	*	80-120		95.6	%REC	100	12/20/2023 13:41	216315
Surr: 4-Bromofluorobenzene	*	80-120		102.9	%REC	100	12/20/2023 13:41	216315
Surr: Dibromofluoromethane	*	80-120		99.7	%REC	100	12/20/2023 13:41	216315
Surr: Toluene-d8	*	80-120		100.8	%REC	100	12/20/2023 13:41	216315
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1,2-Tetrachloroethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1,1-Trichloroethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1,2,2-Tetrachloroethane	*	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1,2-Trichloro-1,2,2-trifluoroethane	*	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Lab ID: 23120916-001

Client Sample ID: EOC-1

Matrix: SOLID

Collection Date: 12/12/2023 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,2-Trichloroethane	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1-Dichloro-2-propanone	*	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1-Dichloroethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1-Dichloroethene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,1-Dichloropropene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2,3-Trichlorobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2,3-Trichloropropane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2,3-Trimethylbenzene	*	2.3	J	1.2	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2,4-Trichlorobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2,4-Trimethylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2-Dibromo-3-chloropropane	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2-Dibromoethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2-Dichlorobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2-Dichloroethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,2-Dichloropropane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,3,5-Trimethylbenzene	NELAP	2.3	J	0.7	µg/Kg-dry	1	12/14/2023 15:41	216030
1,3-Dichlorobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,3-Dichloropropane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1,4-Dichlorobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
1-Chlorobutane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
2,2-Dichloropropane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
2-Butanone	NELAP	29.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
2-Chlorotoluene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
2-Hexanone	NELAP	29.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
2-Nitropropane	NELAP	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
4-Chlorotoluene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
4-Methyl-2-pentanone	NELAP	29.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Acetone	NELAP	29.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Acrolein	NELAP	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Acrylonitrile	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Allyl chloride	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Benzene	NELAP	1.2		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Bromobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Bromochloromethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Bromodichloromethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Bromoform	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Bromomethane	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Carbon disulfide	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Carbon tetrachloride	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Chlorobenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Chloroethane	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Chloroform	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Chloromethane	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
cis-1,2-Dichloroethene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
cis-1,3-Dichloropropene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Cyclohexanone	*	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Dibromochloromethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Lab ID: 23120916-001

Client Sample ID: EOC-1

Matrix: SOLID

Collection Date: 12/12/2023 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Dibromomethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Dichlorodifluoromethane	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Ethyl ether	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Ethyl methacrylate	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Ethylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Hexachlorobutadiene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Hexachloroethane	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Iodomethane	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Isopropylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
m,p-Xylenes	NELAP	4.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Methacrylonitrile	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Methyl Methacrylate	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Methyl tert-butyl ether	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Methylacrylate	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Methylene chloride	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Naphthalene	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
n-Butylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
n-Heptane	*	23.4		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
n-Hexane	*	23.4		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Nitrobenzene	NELAP	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
n-Propylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
o-Xylene	NELAP	4.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Pentachloroethane	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
p-Isopropyltoluene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Propionitrile	NELAP	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
sec-Butylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Styrene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
tert-Butylbenzene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Tetrachloroethene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Tetrahydrofuran	NELAP	11.7		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Toluene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
trans-1,2-Dichloroethene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
trans-1,3-Dichloropropene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Trichloroethene	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Trichlorofluoromethane	NELAP	5.9		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Vinyl acetate	NELAP	58.5		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Vinyl chloride	NELAP	2.3		ND	µg/Kg-dry	1	12/14/2023 15:41	216030
Surr: 1,2-Dichloroethane-d4	*	80-120		97.8	%REC	1	12/14/2023 15:41	216030
Surr: 4-Bromofluorobenzene	*	80-120		104.8	%REC	1	12/14/2023 15:41	216030
Surr: Dibromofluoromethane	*	80-120		98.3	%REC	1	12/14/2023 15:41	216030
Surr: Toluene-d8	*	80-120		107.1	%REC	1	12/14/2023 15:41	216030

Allowable Marginal Exceedance of Bromodichloromethane in the laboratory control sample is verified per the TNI Standard.



Receiving Check List

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

Client: SET Environmental, Inc.

Work Order: 23120916

Client Project: 2312-0081

Report Date: 27-Dec-23

Carrier: Employee

Received By: HAW

Completed by:

On:

12-Dec-23

Amber Dilallo

Reviewed by:

On:

12-Dec-23

Ellie Hopkins

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 8.8

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

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

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

NA ☒

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

Yes ☐

No ☐

NA ☒

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

Sample was split upon arrival at the laboratory. - amberdilallo - 12/12/2023 1:32:58 PM

Pg of Workorder # 23NO 916

[illegible]

*The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions

LH 12/12/2023



Requested Facility: Peoria City - County Landfill ☐ Unsure Profile Number: 637988IL
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Proctor Place
2. Generator Site Address: 2724 W Reservoir Blvd
(City, State, ZIP) Peoria IL 61615
3. County: Peoria
4. Contact Name: Tina Carlson
5. Email: _____
6. Phone: (309) 566-4221 7. Fax: _____
8. Generator EPA ID: _____ ☒ N/A
9. State ID: _____ ☒ N/A

C. MATERIAL INFORMATION

1. Common Name: Construction and Demolition Debris
Describe Process(es) Generating Material: ☐ See Attached

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

2. Material Composition and Contaminants: ☐ See Attached

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

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

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

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

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

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

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

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

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

B. BILLING INFORMATION☐ SAME AS GENERATOR

1. Billing Name: N.E. Finch Co.
2. Billing Address: PO Box 5187
(City, State, ZIP) Peoria IL 61601
3. Contact Name: Jacob Dye
4. Email: jdye@nefinch.com
5. Phone: (309) 671-1444 6. Fax: _____
7. P.O. Number: 2401FARM
8. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card at Gate

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
2. State Hazardous Waste? ☐ Yes ☒ No
Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
5. Does the material contain benzene? ☐ Yes* ☒ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
8. NRC, State-regulated, NORM or TENORM waste? ☐ Yes* ☒ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☒ No
a. Regulated by 40 CFR 761? ☐ Yes ☐ No
b. Remediation under 40 CFR 761.61? ☐ Yes ☐ No
c. Were PCBs imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable - Regulated ☐ Friable
12. Contains Dioxins? (If Yes, please attach analysis) ☐ Yes ☒ No

F. SHIPPING AND DOT INFORMATION

1. ☒ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Annual Quantity/Unit of Measure: 150
☒ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other _____
3. Container Type and Size: semi trailer
4. USDOT Proper Shipping Name ☒ N/A
5. Estimated Start Date 01/08/2024
6. Transportation Needed? ☐ Yes* ☒ No

Name (Print): Jacob Dye
Title: Project Manager
Company: N.E. Finch Co.
Date: 01/08/2024

Certification Signature





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: 637988IL

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1):

If more space is needed, please attach additional pages.

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

Material Composition and Contaminants (Continued from page 1):

If more space is needed, please attach additional pages.

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

D. REGULATORY INFORMATION

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

1. EPA Hazardous Waste

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If Yes, please check one of the following:

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

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

e. Form Code:

f. Source Code:

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

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

☐ Delisted Hazardous Waste

☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion:

☐ Treated Hazardous Waste Debris

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

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

c. What is the flow weighted average benzene concentration?

ppmw

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

☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg

e. Is this waste soil from a remediation?

☐ Yes ☐ No

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

ppmw

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

→ If yes, specify exemption:

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

8. NRC, State-regulated radioactive, NORM or TENORM? →

a. Please select all that apply:

☐ Nuclear Regulatory Commission (NRC) Radioactive

☐ Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

☐ State-Regulated Radioactive

☐ Naturally Occurring Radioactive Material

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

☐ Yes ☐ No



REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Josh Gabehart, Foth Infrastructure & Environment, LLC

AGENDA DATE REQUESTED: January 24, 2024

ACTION REQUESTED: Approve the Agreement for Services Work Order No. 24-01.

BACKGROUND: Foth Infrastructure & Environment, LLC (Foth) is proposing to provide engineering and consulting services to the Joint City of Peoria-County of Peoria Solid Waste Disposal Facility Committee (Committee) for a term of 12 months, January 1 through December 31, 2024. Foth is proposing, as in previous years, an annual work order being approved by the Committee which operates under the existing master service agreement.

The proposed budget aligns with the approved FY2024 Landfill Committee Budget if the Committee holds expense and revenue projections.

The agreement includes the following service areas:

- General Compliance, Guidance, and Contractor Review
- Groundwater Support and Reporting
- Landfill No. 1 Gas System and Leachate Management Operations
- Solar Development (carry-over from 2023)
- Landfill No. 3 Expansion/Transition Support (this is increased from 2023)
- Unplanned Services and Repairs

The total budget is \$429,500 for the period of January 1 through December 31, 2024.

Foth will continue to operate under the 2022 Master Agreement for Services.

The Agreement for Services Work Order No. 24-01 is attached and include further details of the scope of services for the coming period.



**AGREEMENT FOR SERVICES
WORK ORDER No. 24-01**

Project Title: Joint City of Peoria - 2024 County of Peoria Routine Work **FOTH Project Number:** 24P300.00

CLIENT Project Number:
(If applicable)

This Work Order (in addition to and subject to the conditions contained in the Master Agreement for Services dated **January 19, 2022**), (hereinafter "Work Order"), is made and entered into this **15th** day of **December, 2023**, by and between **FOTH INFRASTRUCTURE & ENVIRONMENT, LLC**, (hereinafter "Consultant") and The Joint City of Peoria-County of Peoria Solid Waste Committee, (hereinafter "Client"), for the services described under the Scope of Services (the "Services").

Client: The Joint City of Peoria-County of Peoria Solid Waste Committee

Address: 419 Fulton Street, Peoria IL 61602

Phone No: **Email Address:** smorris@hhmlaw.net

Scope of Services: Client hereby agrees to retain Consultant to perform the following Services:

Scope to be in accordance with Exhibit A to the Agreement which is attached and incorporated into the Agreement by reference herein.

(Any additional description required is contained in Exhibit A, if applicable.)

Schedule: Services shall be performed according to the following schedule:

Scope to be in accordance with Exhibit A to the Agreement which is attached and incorporated into the Agreement by reference herein.

Compensation: In consideration of these Services, the Client agrees to pay Consultant compensation as follows:

☐ Lump-Sum in the amount of \$.00

☐ Unit Cost/Time Charges (Standard Rates) with a total amount not-to-exceed \$.00

☒ Unit Cost/Time Charges (Standard Rates) for an estimated cost of \$ 429,950.00

☐ Other as stated here:

Special Conditions (if any):

Special Conditions per Exhibit A

Entire Agreement: This Work Order, along with other approved project-specific Work Orders, together with and subject to the Master Agreement for Services referenced above, constitutes the entire understanding between the parties with respect to the subject matter hereof. This Work Order may be modified by subsequent written addenda mutually agreeable by both parties.

IN WITNESS WHEREOF, this Agreement is accepted on the date first written above, subject to the terms and conditions above stated and the provisions set forth herein.

CLIENT

FOTH INFRASTRUCTURE & ENVIRONMENT, LLC

Signed:

Name (printed): Stephen Morris

Title:

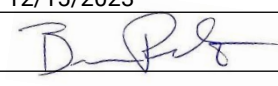
Date:

Signed: 

Name (printed): Joshua C. Gabehart

Title: Client Team Leader

Date: 12/15/2023

Signed: 

Name (printed): Bruce Rehwaldt

Title: Market Leader

Date: 12/15/2023

Exhibit A

SECTION 1 – SERVICES

The ENGINEER agrees to provide routine services for the PROJECT, such as, attending monthly meetings, special waste reviews, non-special waste reviews, periodic special waste gate audits, permitting/ review/ assistance, budget assistance, contingency planning, groundwater data review & assessments, develop and submit Illinois Environmental Protection Agency (IEPA) annual reports, leachate collection system operation/maintenance, landfill gas and Clean Air Act/Greenhouse Gas consultation. The scope of work for basic services is:

1. General Compliance and Guidance

- a. Provide engineering services as an extension of City and County Staff, including,
 - i. Attend Committee Meetings of the OWNER.
 - ii. Attend other meetings as requested within approved budget.
 - iii. Provide guidance and recommendations to the OWNER through written memoranda.
 - iv. Respond to tasks and requests as requested by the OWNER within approved budget.
 - v. Assist Staff in preparation and evaluation of the OWNER's annual budget.
- b. Provide oversight of Contract Operators and conduct reviews/inspections for the following items:
 - i. Review profiled waste applications forwarded by the Contract Operator, resolve questions, document and provide written recommendations to the OWNER per waste acceptance procedures.
 - ii. Review permit applications and reports prepared by the Contract Operators, resolve issues with the Contract Operators by providing recommendations to the OWNER on decisions that require the OWNER's authorization.
 - iii. Conduct periodic inspections /observations of the Contract Operators regarding compliance with laws and regulations.
 - iv. Conduct two audits of the gate operations for Landfill No. 2, as they pertain to the receipt of profiled waste streams, IEPA regulations and general scalehouse operations. Coordinate frequency of audits with the OWNER's schedule and need for information
 - v. Airspace Analysis Evaluation per Contract Operator, Waste Management Incorporated (WMI), due annually in August.
- c. Boundary Monument Inspections, due annually in October (coordinate with Contract Operators).
- d. Dam Owners Maintenance Certification, due annually to Illinois Department of Natural Resources (IDNR) in December.
- e. Develop and Submit Annual Post Closure Cost Estimate to IEPA.
- f. Maintain records and submit required compliance documentation and reports to United States Environmental Protection Agency (USEPA) and IEPA (Division of Air) as required by each program/permit. Contract Operators maintain responsibility for compliance items not listed in this Agreement. Those items to be completed by the ENGINEER on behalf of the OWNER include the following:
 - i. Clean Air Act Permit Program (CAAPP) Reports:
 1. New Source Performance Standard (NSPS) Report
 2. Semi-Annual Air Monitoring Report
 3. Greenhouse Gas Reporting via e-GGRT
 - ii. Provide information to Contract Operator for the submittal of CAAPP Annual Compliance Certification and Annual Air Emission Report due annually. Review and revise existing Greenhouse Gas Monitoring Plan as required for IEPA CAAPP Permit.

2. Groundwater Support and Data Review

- a. Review groundwater monitoring data provided by Contract Operators.
- b. Determine whether exceedances of groundwater quality standards have occurred per permit conditions and standards and request Contract Operators to undertake confirmation procedures, when required.
- c. Conduct four groundwater assessments and develop suggested permit modifications for submittal to the IEPA, if necessary, for Landfill No. 1.

- i. Alternate Source Demonstrations for the dissolved chloride concentration at well G20S
 - ii. Alternate Source Demonstration for the acetone concentration at G15S, G25S and G26S.
 - iii. Alternate Source Demonstration for the dissolved chloride and ammonia concentration at G07S
 - iv. Alternate Source Demonstration for the dissolved boron concentration at G24s
 - d. Submit regulatory submittals as required by facility permit and IEPA including:
 - i. Evaluation of the G04S, R10S corrective action measures
 - ii. Annual Facility report
 - iii. Groundwater Monitoring Well Assessments
3. Gas System and Leachate Management Operations
- a. Operate and maintain the 90 acre leachate collection system, consisting of vertical extraction wells and a drainage system.
 - b. Operate and maintain the 90 acre Gas Collection and Control System, consisting of 70 wells, and the Utility Flare Disposal System.
 - c. Conduct and document monitoring activities required for the leachate and gas systems.
 - d. Purchase various maintenance items for the operation of the leachate and landfill gas collection system (i.e., blower belts, propane, flexible tubing, etc.).
 - e. Prepare and submit assessments for methane headspace impacts at GMD 3 and GMD 5.
4. Solar Development
- a. ENGINEER will support the OWNER with services relating to solar development including review of Request for Qualifications (RFQ's), participating in in-person vendor interviews leading up to project award, participating in vendor site visits, and being the primary contact for addressing questions, comments, or information requests during the RFQ and planning process.
5. Landfill No. 3 Expansion/Transition
- a. ENGINEER will support the OWNER with services relating to Contract Operator transition, review of permit documents, consult regarding Landfill 3 Contract, and other services as requested by OWNER within approved budget.
6. Unplanned Services and Repairs
- a. ENGINEER has budgeted approximately \$15,000 for unplanned services or repairs of the gas collection and control system.

Additional services may be required and may be undertaken if directed by the OWNER with associated adjustment in compensation as negotiated between the OWNER and ENGINEER.

SECTION 2 - COMPENSATION

2.1 HOURLY RATE AND EXPENSES

Whereas the OWNER has elected to compensate the ENGINEER for services under paragraphs on an Hourly Rate and Expenses Basis, such compensation shall include payment for labor, direct expenses, and other compensation as follows:

Hourly Labor Rate:

The hourly rates to be used for the term of this addendum shall be the Public 2024 Labor Rate Schedule attached.

Direct Expenses:

The direct expenses to be used for term of this addendum shall be the Public 2024 Resources Charges attached.

The budget for basic services and estimated compensation for January 1 through December 31, 2024 is \$429,950. No services will be provided exceeding the estimated compensation amount without prior notice and OWNER approval. The budgeted services include:

◆ General Compliance and Guidance	\$ 133,250
◆ Groundwater Support and Data Review	\$ 38,750
◆ Gas System and Leachate Management Operations	\$ 151,950

♦ Solar Development	\$ 25,500
♦ Landfill No. 2 and No. 3 Expansion/Transition	\$ 65,500
♦ Unplanned GCCS Repairs/Emergency	\$ 15,000

Other Compensation:

It is understood that when requested by the OWNER, the ENGINEER shall procure the services of independent inspection bureaus, laboratories, soil exploration firms, etc. However, this is for the convenience of the OWNER and the ENGINEER shall provide coordination only of these services at the labor rates determined above. The ENGINEER shall pass the costs of the independent services directly to the OWNER for payment with a surcharge of 10% to cover the processing expenses of the ENGINEER.

Payments under this contract are governed by the "Local Government Prompt Payment Act" 50ILCS 505/1 et seq.

SECTION 3 - TIMETABLE

Services are to be provided in a timely manner and as requested by the OWNER and in accordance with regulatory and permit requirements for the site.

SECTION 4 - SPECIAL CONDITIONS

On behalf of the OWNER, independent laboratory test and analyses may be procured as part of this project. ENGINEER agrees to do so only as an accommodation to the OWNER and in reliance upon OWNER's assurance that OWNER will make no claim nor bring any action at law or in equity against ENGINEER as a result of this subcontracted service. Such testing analyses will be conducted by an independent laboratory monitored by appropriate agencies. ENGINEER will use reasonable care in the selection of independent laboratories; however, ENGINEER has no control over such testing and analyses. The OWNER understands that ENGINEER is neither trained nor knowledgeable in the procedures or results of the testing laboratory's services and OWNER shall not rely upon ENGINEER to check quality or accuracy of testing laboratory's reports. ENGINEER disclaims any responsibility for errors and omissions arising therefrom and for decisions/recommendations made by ENGINEER or others resulting from the faulty testing results and analyses from independent laboratories.

Should the OWNER prefer, they may want to consider hiring the laboratory services directly.

All other provisions of that Agreement referred to above shall remain in force unless otherwise modified or deleted above.



**Foth Environment Solutions
Public Solid Waste
2024 Labor Rate Schedule***

Classification	Hourly Rate (USD)
Program Director/Corporate Executive	\$265
Client Director	\$210
Project Director	\$200
Project Manager III	\$195
Project Manager II	\$185
Project Manager I	\$175
Engineer/Scientist VI	\$205
Engineer/Scientist V	\$195
Engineer/Scientist IV	\$185
Engineer/Scientist III	\$170
Engineer/Scientist II	\$155
Engineer/Scientist I	\$140
Technician VI	\$180
Technician V	\$150
Technician IV	\$135
Technician III	\$120
Technician II	\$110
Technician I	\$90
Project Coordinator	\$135
Assistant II	\$100
Assistant I	\$90

INVOICING PROCEDURES

- ◆ All personnel are billed portal-to-portal for required travel.
- ◆ All testimony or direct mediation work including the following: depositions; trial testimony; mediation meetings or presentations; public meetings; public hearings; standby time; pre-trial preparation; and other litigation/mediation services will be billed with a separate Litigation/Mediation Rate Schedule.
- ◆ Expedited deliverables requested by the client that require overtime work will be billed at one and one-half times the hourly billing rate for the overtime hours worked. Prior notice of this surcharge will be given.
- ◆ Payments are due and payable in accordance with the terms of the Agreement with Foth Infrastructure & Environment, LLC (Foth).
- ◆ Foth reserves the right to modify this schedule periodically, as appropriate.

* Do not provide this rate schedule or copies of this rate schedule to other parties without prior approval of Foth.



**Foth Environment Solutions
Public Solid Waste
2024 Resource Charges***

Item	Cost Basis	Standard Charge (USD)
Standard Office/Communication/Software⁽¹⁾		3% of labor
Travel		
Automobile Travel	Mileage	\$0.70/mi ⁽²⁾
Public Transportation		Cost + 10%
Subsistence and Lodging		Cost + 10%
Foth Survey Vehicles	Mileage	\$1.15/mi ⁽³⁾
Equipment		Based on market rates ⁽³⁾
Subconsultants (drilling, laboratory, etc.)		Cost + 10%
Outside Printing Costs		Cost + 10%
Specialty Mailing Services		Cost + 10%
Miscellaneous		Cost + 10%

Notes: The cost of specific technical equipment and employee travel expenses needed on projects is in addition to the hourly labor rates. This list is not all inclusive but represents the most common resource charges applied to Foth projects.

- ⁽¹⁾ Standard Office/Communication/Software charges are designed to cover Foth's costs for the following: in-house printing/reproduction; standard postage, except express or specialty mail; and software usage.
- ⁽²⁾ Mileage rates are subject to change based on Federal Government Standards.
- ⁽³⁾ Foth Survey Vehicle and Equipment charges are subject to change based on availability and economic conditions. Special equipment rates quoted on an individual basis, if requested.

* Do not provide this rate schedule or copies of this rate schedule to other parties without prior approval of Foth.

LANDFILL FUND MONTHLY
REVENUE & EXPENSE BUDGET VS ACTUAL
FOR YEARS ENDING DECEMBER 31, 2022 & 2023

DESCRIPTION	JANUARY			FEBRUARY			MARCH			APRIL		
	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual
REVENUES												
Host Fees	\$ 38,683.18	\$ 37,771.25	\$ 31,130.61	\$ 26,431.15	\$ 37,771.25	\$ 31,542.80	\$ 22,840.33	\$ 37,771.25	\$ 28,823.05	\$ 41,915.95	\$ 37,771.25	\$ 37,309.99
Leases	\$ -	\$ 1,783.33	\$ 1,062.54	\$ 1,041.71	\$ 1,783.33	\$ -	\$ 2,083.42	\$ 1,783.33	\$ 4,971.56	\$ -	\$ 1,783.33	\$ 1,077.32
Interest Earned - On Cash Balance	\$ 58.39	\$ 250.00	\$ 1,195.40	\$ 56.81	\$ 250.00	\$ 866.07	\$ 68.87	\$ 250.00	\$ 599.38	\$ 96.84	\$ 250.00	\$ 630.01
TOTAL REVENUES	\$ 38,741.57	\$ 39,804.58	\$ 33,388.55	\$ 27,529.67	\$ 39,804.58	\$ 32,408.87	\$ 24,992.62	\$ 39,804.58	\$ 34,393.99	\$ 42,012.79	\$ 39,804.58	\$ 39,017.32
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ -	\$ 6,333.33	\$ 6,333.33	\$ -	\$ 6,333.33	\$ 6,333.33	\$ -	\$ 6,333.33	\$ 6,333.33	\$ -	\$ 6,333.33	\$ 6,333.33
County Personnel	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -
City Audit	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Consultant Guidance and Operational Costs												
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ -	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	\$ 28,058.50	\$ 34,069.33	\$ 10,000.00	\$ 6,377.86
Groundwater Support/Reporting	\$ -	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	\$ 11,875.46	\$ 7,989.32	\$ 2,500.00	\$ 544.13
LF#1 Gas System & Leache Management Ops.	\$ -	\$ 11,250.00	\$ -	\$ -	\$ 11,250.00	\$ -	\$ -	\$ 11,250.00	\$ 18,979.08	\$ 53,983.73	\$ 11,250.00	\$ 10,410.99
IEPA Coordination / Reporting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,256.61	\$ -	\$ -
LF#1 Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LF #2 to LF #3 Transition Activities	\$ -	\$ 1,666.67	\$ -	\$ -	\$ 1,666.67	\$ -	\$ -	\$ 1,666.67	\$ 8,194.27	\$ 2,898.42	\$ 1,666.67	\$ 2,214.81
Solar Development	\$ -	\$ 2,916.67	\$ -	\$ -	\$ 2,916.67	\$ -	\$ -	\$ 2,916.67	\$ -	\$ -	\$ 2,916.67	\$ 712.25
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Leachate Extraction Improvements	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
GCCS Improvement Projects	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Remediation Capital Project - \$150,000 budget	\$ -	\$ -	\$ -	\$ 38,360.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ -	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ -	\$ 902.62	\$ 833.33	\$ 867.70	\$ 1,778.92	\$ 833.33	\$ 1,287.00
Telephone	\$ -	\$ 33.33	\$ -	\$ 36.03	\$ 33.33	\$ 36.01	\$ 36.01	\$ 33.33	\$ 36.03	\$ 36.01	\$ 33.33	\$ 36.01
Electricity	\$ 362.84	\$ 500.00	\$ -	\$ 385.50	\$ 500.00	\$ 655.93	\$ 424.91	\$ 500.00	\$ 533.17	\$ 355.74	\$ 500.00	\$ 623.39
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
GCCS Contingency	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Unplanned Services and Repairs	\$ -	\$ 833.33	\$ -	\$ 223.50	\$ 833.33	\$ -	\$ -	\$ 833.33	\$ 9,075.16	\$ 714.07	\$ 833.33	\$ 290.85
TOTAL EXPENSES	\$ 362.84	\$ 39,033.33	\$ 6,333.33	\$ 39,005.03	\$ 39,033.33	\$ 7,025.27	\$ 1,363.54	\$ 39,033.33	\$ 83,952.70	\$ 107,082.15	\$ 39,033.33	\$ 28,830.62
EXCESS REVENUES OVER EXPENSES	\$ 38,378.73	\$ 771.25	\$ 27,055.22	\$ (11,475.36)	\$ 771.25	\$ 25,383.60	\$ 23,629.08	\$ 771.25	\$ (49,558.71)	\$ (65,069.36)	\$ 771.25	\$ 10,186.70
BEGINNING FUND BALANCE	\$ 336,531.96		\$ 180,228.39	\$ 374,910.69		\$ 207,283.61	\$ 363,435.33		\$ 232,667.21	\$ 387,064.41		\$ 183,108.50
ENDING FUND BALANCE	\$ 374,910.69		\$ 207,283.61	\$ 363,435.33		\$ 232,667.21	\$ 387,064.41		\$ 183,108.50	\$ 321,995.05		\$ 193,295.20

LANDFILL FUND MONTHLY
REVENUE & EXPENSE BUDGET VS ACTUAL
FOR YEARS ENDING DECEMBER 31, 2022 & 2023

DESCRIPTION	MAY			JUNE			JULY			AUGUST		
	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual
REVENUES												
Host Fees	\$ 34,547.93	\$ 37,771.25	\$ 40,354.88	\$ 39,825.44	\$ 37,771.25	\$ 60,560.45	\$ 42,404.46	\$ 37,771.25	\$ 46,494.83	\$ 37,284.75	\$ 37,771.25	\$ 46,742.66
Leases	\$ 2,104.25	\$ 1,783.33	\$ 1,083.79	\$ 1,062.54	\$ 1,783.33	\$ 1,083.79	\$ 6,042.22	\$ 1,783.33	\$ 1,083.79	\$ 150.00	\$ 1,783.33	\$ 3,982.78
Interest Earned - On Cash Balance	\$ 124.05	\$ 250.00	\$ 833.35	\$ 175.46	\$ 250.00	\$ 637.63	\$ 308.53	\$ 250.00	\$ 813.00	\$ 465.63	\$ 250.00	\$ 979.56
TOTAL REVENUES	\$ 36,776.23	\$ 39,804.58	\$ 42,272.02	\$ 41,063.44	\$ 39,804.58	\$ 62,281.87	\$ 48,755.21	\$ 39,804.58	\$ 48,391.62	\$ 37,900.38	\$ 39,804.58	\$ 51,705.00
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ -	\$ 6,333.33	\$ 6,333.33	\$ -	\$ 6,333.33	\$ 6,333.33	\$ -	\$ 6,333.33	\$ 6,333.33	\$ 50,666.67	\$ 6,333.33	\$ 6,333.33
County Personnel	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -
City Audit	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Consultant Guidance and Operational Costs												
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ 16,778.74	\$ 10,000.00	\$ 16,224.02	\$ 6,394.76	\$ 10,000.00	\$ -	\$ 9,569.22	\$ 10,000.00	\$ 15,388.33	\$ 14,648.28	\$ 10,000.00	\$ -
Groundwater Support/Reporting	\$ 4,872.35	\$ 2,500.00	\$ 6,034.58	\$ 514.72	\$ 2,500.00	\$ -	\$ 2,682.04	\$ 2,500.00	\$ 3,736.24	\$ 414.01	\$ 2,500.00	\$ -
LF#1 Gas System & Leache Management Ops.	\$ 9,145.14	\$ 11,250.00	\$ 18,821.05	\$ 7,349.70	\$ 11,250.00	\$ -	\$ 10,587.53	\$ 11,250.00	\$ 35,380.84	\$ 10,879.09	\$ 11,250.00	\$ -
IEPA Coordination / Reporting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LF#1 Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LF #2 to LF #3 Transition Activities	\$ 3,524.66	\$ 1,666.67	\$ 6,415.78	\$ 2,097.60	\$ 1,666.67	\$ -	\$ 1,622.25	\$ 1,666.67	\$ -	\$ 3,700.79	\$ 1,666.67	\$ -
Solar Development	\$ -	\$ 2,916.67	\$ 309.32	\$ -	\$ 2,916.67	\$ -	\$ -	\$ 2,916.67	\$ 290.46	\$ -	\$ 2,916.67	\$ -
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Leachate Extraction Improvements	\$ 150,900.90	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
GCCS Improvement Projects	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Remediation Capital Project - \$150,000 budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ 169.22	\$ 833.33	\$ 853.16	\$ 1,837.06	\$ 833.33	\$ -	\$ 131.39	\$ 833.33	\$ 1,428.07	\$ 930.62	\$ 833.33	\$ 1,393.49
Telephone	\$ -	\$ 33.33	\$ 36.01	\$ 72.02	\$ 33.33	\$ 36.01	\$ 36.01	\$ 33.33	\$ 36.01	\$ 36.01	\$ 33.33	\$ 36.01
Electricity	\$ 390.71	\$ 500.00	\$ -	\$ 412.52	\$ 500.00	\$ 527.78	\$ 698.57	\$ 500.00	\$ 1,223.34	\$ 662.73	\$ 500.00	\$ 613.01
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
GCCS Contingency	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Unplanned Services and Repairs	\$ 5,119.10	\$ 833.33	\$ 401.70	\$ -	\$ 833.33	\$ -	\$ 492.34	\$ 833.33	\$ 7,682.07	\$ 5,127.97	\$ 833.33	\$ -
TOTAL EXPENSES	\$ 190,900.82	\$ 39,033.33	\$ 55,428.95	\$ 18,678.38	\$ 39,033.33	\$ 6,897.12	\$ 25,819.35	\$ 39,033.33	\$ 71,498.69	\$ 87,066.17	\$ 39,033.33	\$ 8,375.84
EXCESS REVENUES OVER EXPENSES	\$ (154,124.59)	\$ 771.25	\$ (13,156.93)	\$ 22,385.06	\$ 771.25	\$ 55,384.75	\$ 22,935.86	\$ 771.25	\$ (23,107.07)	\$ (49,165.79)	\$ 771.25	\$ 43,329.16
BEGINNING FUND BALANCE	\$ 321,995.05		\$ 193,295.20	\$ 167,870.46		\$ 180,138.27	\$ 190,255.52		\$ 235,523.02	\$ 213,191.38		\$ 212,415.95
ENDING FUND BALANCE	\$ 167,870.46		\$ 180,138.27	\$ 190,255.52		\$ 235,523.02	\$ 213,191.38		\$ 212,415.95	\$ 164,025.59		\$ 255,745.11

LANDFILL FUND MONTHLY
REVENUE & EXPENSE BUDGET VS ACTUAL
FOR YEARS ENDING DECEMBER 31, 2022 & 2023

DESCRIPTION	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual	2022 Actual	2023 Budget	2023 Actual
REVENUES												
Host Fees	\$ 48,276.74	\$ 37,771.25	\$ 49,937.00	\$ 41,887.25	\$ 37,771.25	\$ 45,897.53	\$ 40,926.28	\$ 37,771.25	\$ 53,564.61	\$ 37,270.01	\$ 37,771.25	\$ 42,894.12
Leases	\$ -	\$ 1,783.33	\$ 1,083.79	\$ 7,953.74	\$ 1,783.33	\$ 1,083.79	\$ 1,062.54	\$ 1,783.33	\$ 1,083.79	\$ 2,125.08	\$ 1,783.33	\$ 1,083.79
Interest Earned - On Cash Balance	\$ 615.72	\$ 250.00	\$ 835.08	\$ 615.41	\$ 250.00	\$ 755.05	\$ 906.94	\$ 250.00	\$ 1,270.25	\$ 1,013.51	\$ 250.00	\$ 1,014.79
TOTAL REVENUES	\$ 48,892.46	\$ 39,804.58	\$ 51,855.87	\$ 50,456.40	\$ 39,804.58	\$ 47,736.37	\$ 42,895.76	\$ 39,804.58	\$ 55,918.65	\$ 40,408.60	\$ 39,804.58	\$ 44,992.70
EXPENSES												
Municipal Reimbursements												
City Personnel	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.33	\$ 6,333.34	\$ 6,333.33	\$ 6,333.37
County Personnel	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ -	\$ -	\$ 708.33	\$ 8,500.00	\$ 8,500.00	\$ 708.33	\$ -
City Audit	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ 2,500.00	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ 2,500.00
Consultant Guidance and Operational Costs												
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ 7,834.09	\$ 10,000.00	\$ 14,487.04	\$ 3,922.80	\$ 10,000.00	\$ -	\$ 6,192.98	\$ 10,000.00	\$ 8,296.14	\$ 19,412.56	\$ 10,000.00	\$ 24,246.42
Groundwater Support/Reporting	\$ 2,185.38	\$ 2,500.00	\$ 6,017.30	\$ 1,522.10	\$ 2,500.00	\$ -	\$ 278.10	\$ 2,500.00	\$ 104.50	\$ 3,688.12	\$ 2,500.00	\$ 2,966.90
LF#1 Gas System & Leache Management Ops.	\$ 8,502.17	\$ 11,250.00	\$ 23,018.70	\$ 7,400.38	\$ 11,250.00	\$ -	\$ 6,513.47	\$ 11,250.00	\$ 14,643.45	\$ 12,459.91	\$ 11,250.00	\$ 17,808.48
IEPA Coordination / Reporting	\$ 2,906.15	\$ -	\$ -	\$ 459.81	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,050.86	\$ -	\$ -
LF#1 Construction Engineering	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LF #2 to LF #3 Transition Activities	\$ 5,809.20	\$ 1,666.67	\$ 23,037.63	\$ 4,803.41	\$ 1,666.67	\$ -	\$ 1,410.07	\$ 1,666.67	\$ 3,250.78	\$ 8,796.20	\$ 1,666.67	\$ 17,111.00
Solar Development	\$ -	\$ 2,916.67	\$ 484.10	\$ -	\$ 2,916.67	\$ -	\$ -	\$ 2,916.67	\$ 1,044.32	\$ -	\$ 2,916.67	\$ 6,151.67
Contracted/Capital Improvements												
Post Closure Care	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Leachate Extraction Improvements	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
GCCS Improvement Projects	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Remediation Capital Project - \$150,000 budget	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Committee's Operational Expenses												
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ 80.57	\$ 833.33	\$ 879.76	\$ 1,596.03	\$ 833.33	\$ 441.09	\$ -	\$ 833.33	\$ -	\$ 2,304.61	\$ 833.33	\$ -
Telephone	\$ 36.03	\$ 33.33	\$ 36.01	\$ 36.01	\$ 33.33	\$ 36.01	\$ 36.01	\$ 33.33	\$ 36.01	\$ 72.02	\$ 33.33	\$ 72.02
Electricity	\$ 711.99	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ -	\$ 802.50	\$ 500.00	\$ 1,745.82	\$ 1,312.70	\$ 500.00	\$ 1,176.14
Unplanned/Contingency												
Groundwater Assessments/Contingency	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -	\$ -	\$ 416.67	\$ -
GCCS Contingency	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -	\$ -	\$ 208.33	\$ -
Unplanned Services and Repairs	\$ 9,831.76	\$ 833.33	\$ 15,297.99	\$ 3,429.90	\$ 833.33	\$ -	\$ 2,101.20	\$ 833.33	\$ 10,706.62	\$ 618.00	\$ 833.33	\$ 290.46
TOTAL EXPENSES	\$ 44,230.67	\$ 39,033.33	\$ 89,591.86	\$ 29,503.77	\$ 39,033.33	\$ 6,810.43	\$ 26,167.66	\$ 39,033.33	\$ 54,660.97	\$ 66,548.32	\$ 39,033.33	\$ 78,656.46
EXCESS REVENUES OVER EXPENSES	\$ 4,661.79	\$ 771.25	\$ (37,735.99)	\$ 20,952.63	\$ 771.25	\$ 40,925.94	\$ 16,728.10	\$ 771.25	\$ 1,257.68	\$ (26,139.72)	\$ 771.25	\$ (33,663.76)
BEGINNING FUND BALANCE	\$ 164,025.59		\$ 255,745.11	\$ 168,687.38		\$ 218,009.12	\$ 189,640.01		\$ 258,935.06	\$ 206,368.11		\$ 260,192.74
ENDING FUND BALANCE	\$ 168,687.38		\$ 218,009.12	\$ 189,640.01		\$ 258,935.06	\$ 206,368.11		\$ 260,192.74	\$ 180,228.39		\$ 226,528.98

LANDFILL FUND MONTHLY
REVENUE & EXPENSE BUDGET VS ACTUAL
FOR YEARS ENDING DECEMBER 31, 2022 & 2023

DESCRIPTION	FY2022 ACTUAL	FY2023 BUDGET	FY2023 YTD ACTUAL
REVENUES			
Host Fees	\$ 452,293.47	\$ 453,255.00	\$ 515,252.53
Leases	\$ 23,625.50	\$ 21,400.00	\$ 18,680.73
Interest Earned - On Cash Balance	\$ 4,506.16	\$ 3,000.00	\$ 10,429.57
TOTAL REVENUES	\$ 480,425.13	\$ 477,655.00	\$ 544,362.83
EXPENSES			
Municipal Reimbursements			
City Personnel	\$ 76,000.00	\$ 76,000.00	\$ 76,000.00
County Personnel	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00
City Audit	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
Consultant Guidance and Operational Costs			
General Guidance & Compliance (Clean Air Act Permit Rpt)	\$ 118,822.76	\$ 120,000.00	\$ 113,078.31
Groundwater Support/Reporting	\$ 24,146.14	\$ 30,000.00	\$ 31,279.11
LF#1 Gas System & Leache Management Ops.	\$ 126,821.12	\$ 135,000.00	\$ 139,062.59
IEPA Coordination / Reporting	\$ 11,673.43	\$ -	\$ -
LF#1 Construction Engineering	\$ -	\$ -	\$ -
LF #2 to LF #3 Transition Activities	\$ 34,662.60	\$ 20,000.00	\$ 60,224.27
Solar Development	\$ -	\$ 35,000.00	\$ 8,992.12
Contracted/Capital Improvements			
Post Closure Care	\$ -	\$ 2,500.00	\$ -
Leachate Extraction Improvements	\$ 150,900.90	\$ 2,500.00	\$ -
GCCS Improvement Projects	\$ -	\$ 2,500.00	\$ -
Remediation Capital Project - \$150,000 budget	\$ 38,360.00	\$ -	\$ -
Committee's Operational Expenses			
Off-Site Liquids Disposal(Transport & Leachate Treatment	\$ 9,731.04	\$ 10,000.00	\$ 7,150.27
Telephone	\$ 432.16	\$ 400.00	\$ 432.14
Electricity	\$ 6,520.71	\$ 6,000.00	\$ 7,098.58
Unplanned/Contingency			
Groundwater Assessments/Contingency	\$ -	\$ 5,000.00	\$ -
GCCS Contingency	\$ -	\$ 2,500.00	\$ -
Unplanned Services and Repairs	\$ 27,657.84	\$ 10,000.00	\$ 43,744.85
TOTAL EXPENSES	\$ 636,728.70	\$ 468,400.00	\$ 498,062.24
EXCESS REVENUES OVER EXPENSES	\$ (156,303.57)	\$ 9,255.00	\$ 46,300.59
BEGINNING FUND BALANCE			
	\$ 336,531.96		\$ 180,228.39
ENDING FUND BALANCE			
	\$ 180,228.39		\$ 226,528.98

RESERVES	
Operating Expenditures	\$ 117,100.00
Capital Expenditures	\$ 50,000.00
Self Perpetual Care	\$ 59,428.98

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

Beginning Balance December 1, 2023		\$277,870.74
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Plus Deposits:

12/22/2023	Waste Management - Host Fee	\$42,894.12	
12/28/2023	SBA Steel Lease	\$1,083.79	
12/31/2023	Interest	\$1,014.79	
			\$44,992.70

Less Electronic Debits & A/P Checks

12/1/2023	Foth	\$17,678.00	
12/8/2023	Verizon	\$36.01	
12/1/2323	Foth	\$26,791.19	
12/15/2023	Ameren	\$582.71	
12/18/2023	City of Peoria Audit Fees	\$2,500.00	
12/31/2023	City of Peoria Admin Fees	\$6,333.37	
			\$53,921.28

Ending Cash Balance December 31, 2023		<u><u>\$268,942.16</u></u>
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REQUEST FOR DISCUSSION

To: Peoria City/County Landfill Committee Members

From: Seth Siergey & Ian Johnson, Waste Management

AGENDA DATE REQUESTED: January 17, 2024

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

BACKGROUND: Attached is the monthly activity report through December 2023.

1. All weekly random load checks were completed and documented with no issues to report.
2. We are requesting Mr. Morris' signature on the following regulatory submittals, subject to review and approval in advance by Foth:
 - a. **2023 air emission report.** This report summarizes air emissions from the two landfills, two utility flares, traffic on paved and unpaved roads, gasoline tank, and soil stockpiles for both PCC#1 and PCC#2. Foth prepares the emissions for the PCC#1 site and forwards to WM for incorporation into the final report. This report is due May 1st and is required by the site's Title V air permit.
 - b. **2024 closure/post closure cost estimate update for LF#2.** This submittal is required by the PCC#2 IEPA operating permit. This application updates the costs to properly cap and seed the landfill, install the remainder of the gas collection system, complete all miscellaneous surface water work, perform surveys, and make all notifications/filings during final landfill closure. In addition, the costs to take care of the site during the 30-year post-closure term are updated annually for inflation. The renewal application is due June 1st, 2024.
 - c. **2023 Annual IEPA landfill capacity certification for LF#2.** This report summarizes the amount of airspace remaining at the PCC#2 landfill as of January 1, 2024. Calculations for the remaining airspace are based upon 2023 incoming tonnages and waste densities. This report is due March 31st each year.
3. To allow sufficient time to respond to short-term submittal requirements that may arise prior to the next Landfill Committee meeting, we respectfully request authorization for the Committee chairperson to sign such documents, subject to review and approval in advance by Foth.

FINANCIAL IMPACT: NA

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

Tonnage:		Current Month		Landfill #2 Year to Date	Landfill #2 Year to Date
				2023	2022
	General Refuse				
	Haulers	12,348.46		172,800.18	156,956.88
	County Res. Free Loads	203.80		3,054.81	2,834.47
	County Res. \$5 Loads	0.00		166.91	0.79
	Roadside	41.58		186.49	513.46
	T O T A L	12,593.84		176,208.39	160,305.60
	Special Wastes				
	Industrial (Declassified)	254.03		15,846.64	8,991.22
	Industrial (Exempt)	0.00		0.00	0.00
	T O T A L	254.03		15,846.64	8,991.22
TOTAL LANDFILL RECEIPTS		12,847.87		192,055.03	169,296.82
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 12,348.46			
		Rate \$ 2.75			
		\$33,958.27	\$33,958.27	\$475,200.50	420,644.44
	Special Waste - Ind.	Tons 254.03			
		Rate \$ 2.75			
		\$698.58	\$698.58	\$43,578.26	24,096.47
	T O T A L		\$34,656.85	\$518,778.76	\$444,740.91
	Payable to County				
	General Refuse	Tons 12,348.46			
		Rate \$ 1.27			
		\$15,682.54	\$15,682.54	\$219,456.23	199,335.24
	Special Waste - Ind.	Tons 254.03			
		Rate \$ 1.27			
		\$322.62	\$322.62	\$20,125.23	11,418.85
	T O T A L		\$16,005.16	\$239,581.46	\$210,754.09
	Payable to/Receivable From County				
	\$5 Loads	Loads 0.00			
		Rate \$ 5.00			
		\$0.00	\$0.00	\$90.00	210.00
	Less:				
	State Fee on Free and \$5 Loads	Tons 203.80			
		Rate \$ 2.22			
		(\$452.44)	(\$452.44)	(\$7,152.22)	(6,294.28)
	T O T A L		(\$452.44)	(\$7,062.22)	(\$6,084.28)
Tonnage:	General Refuse & Special Waste				
	In county	7,521.06	58.54%	111,309.14	102,888.35
	Out of county	5,326.81	41.46%	80,745.89	66,408.47
	Mixed	-	0.00%	-	-
	T O T A L	12,847.87	100.00%	192,055.03	169,296.82

Fed Ex Tracking No. xxxx xxxx xxxx

March 1, 2024

Ms. Jacqueline Cooperider, P.E.
Permit Section, Bureau of Land - #33
Illinois Environmental Protection Agency
1021 N. Grand Avenue East
Springfield, Illinois 62702

Re: Application for Significant Permit Modification - Condition VIII.24 - Background Groundwater Concentrations
Peoria City/County Landfill 3 - 1430155017 – Peoria County - Permit No. 2013-026-LF

Dear Ms. Cooperider:

This application addresses condition VIII.24 of the permit and proposes background groundwater concentrations for inorganic 35 IAC 620.410 parameters. The LPC-PA1, LPC-PA16, and 39i forms are in Attachment 1.

Background wells MW02, MW07, MW09, MW14, and G301, shown on Drawing 1, were sampled for the 25 inorganic 35 IAC 620.410 parameters on Table 1 between the first and fourth quarters 2023 in accordance with the permit. MW08, also shown on Drawing 1, was sampled in the first, second, and third quarters 2023; insufficient groundwater was present at MW08 to sample in the fourth quarter 2023. Background monitoring results for the six wells specified in condition VIII.24 of the permit are summarized in Attachment 2.

Pooled background concentrations were calculated based on the consecutive quarterly results for wells MW02, MW07, MW09, MW14, and G301 shown in Attachment 3.

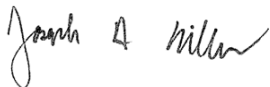
Sanitas™ version 9.6 was used to calculate the background concentrations. Not all of the background data were normally distributed or could be transformed normal by the ladder of powers; non-parametric tolerance limits were calculated for these constituents as shown on Table 2. Non-parametric tolerance limits were also calculated for 100% non-detect parameters. Parametric tolerance limits were calculated for parameters having a normal or transformed normal distribution as shown on Table 2. Parametric tolerance limits were calculated at 95% confidence and 95% coverage levels. The calculated tolerance limits are shown on the Sanitas report in Attachment 4.

Time series analyses of the background monitoring results and calculated tolerance limits are in Attachment 5.

The operator proposes Attachment 1 of the permit be amended with the AGQs summarized on Table 3.

Please contact me at (630) 750-6556 should you have questions regarding this application.

Sincerely,
Environmental Information Logistics



Joseph D. Miller, P.G.
Hydrogeologist

cc: Kris Thompson – GFL Environmental

Tables

Table 1	Summary of Inorganic 35 IAC 620.410 Parameters For Which Background Monitoring Was Performed and Tolerance Limits Were Calculated
Table 2	Summary of Tolerance Limit Calculation Results
Table 3	Summary of Proposed AGQS Values

Drawings

Drawing 1	Site Plan
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Attachments

Attachment 1	LPC-PA1, LPC-PA16, and 39i Forms and Documentation The Public Notices Were Distributed
Attachment 2	Summary of Background Monitoring Results for Inorganic 35 IAC 620.410 Parameters at Wells MW02, MW07, MW08, MW09, MW14, and G301
Attachment 3	Summary of Background Monitoring Results for Inorganic 35 IAC 620.410 Parameters at Wells MW02, MW07, MW09, MW14, and G301
Attachment 4	Sanitas Report Detailing Tolerance Limit Calculations
Attachment 5	Time Series Analyses Showing Background Monitoring Results and Proposed AGQSs

Table 1
Summary of Inorganic 35 IAC 620.410 Parameters For Which
Background Monitoring Was Performed and Tolerance Limits Were Calculated

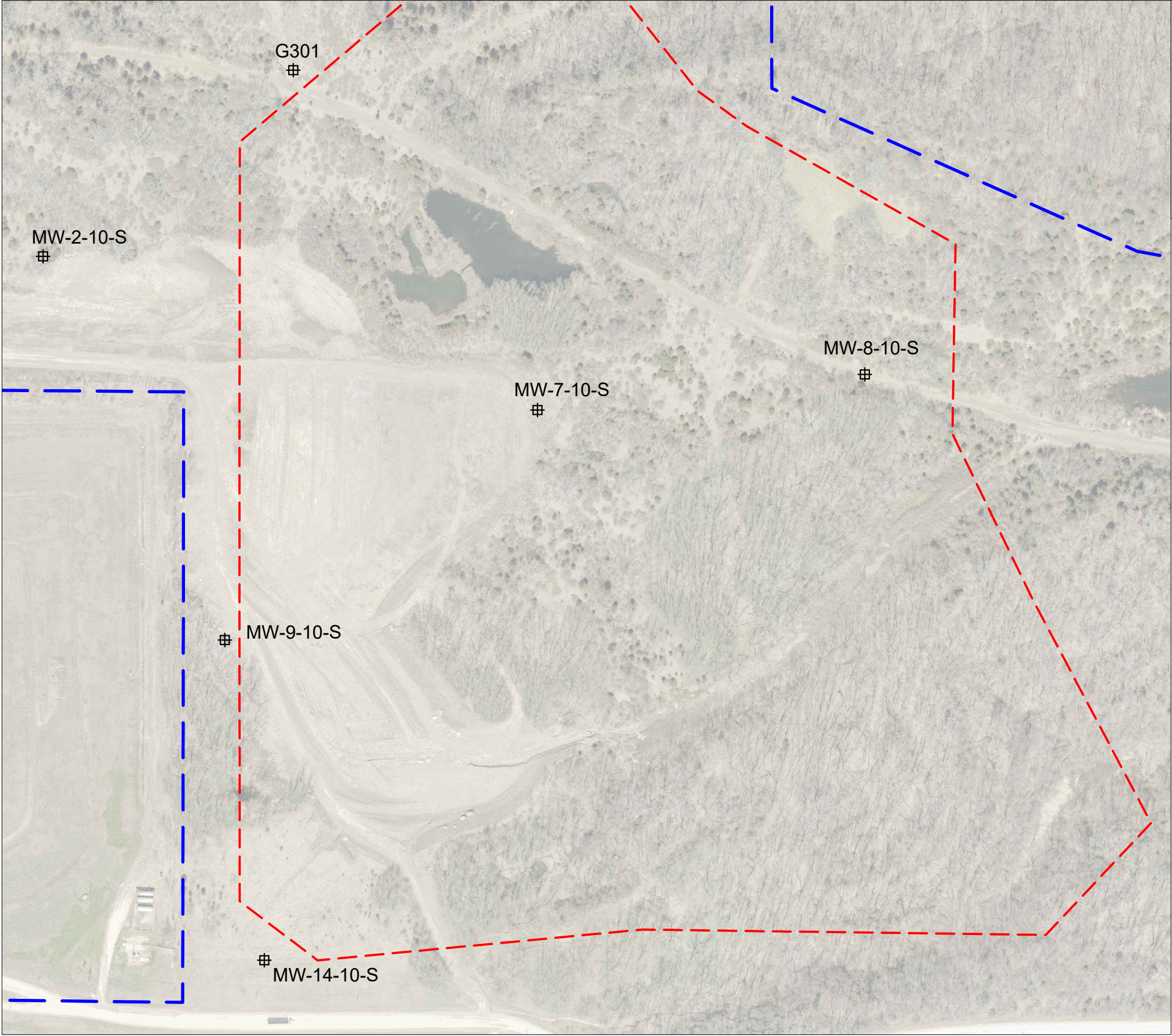
Parameter Name
Antimony, Total
Arsenic, Total
Barium, Total
Beryllium, Total
Boron, Total
Cadmium, Total
Chloride, Total
Chromium, Total
Cobalt, Total
Copper, Total
Cyanide, Total
Fluoride, Total
Iron, Total
Lead, Total
Manganese, Total
Mercury, Total
Nickel, Total
N-Nitrate, Total
Perchlorate
Selenium, Total
Silver, Total
Sulfate, Total
Thallium, Total
Vanadium, Total
Zinc, Total

Table 2
Summary of Tolerance Limit Calculation Results

Parameter Name	Units	Calculated Upper Tolerance Limit	Background N	Background Wells	Background Mean	Background Standard Deviation	% Non-Detects	Non-Detect Adjustment	Transformation	Alpha	Method
Antimony, Total	ug/L	3	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Arsenic, Total	ug/L	9.673	20	MW02, MW07, MW09, MW14, and G301	2.892	2.83	25	Cohen`s	No	0.05	Parametric
Barium, Total	ug/L	25.05	20	MW02, MW07, MW09, MW14, and G301	2.75	0.1966	0	None	ln(x)	0.05	Parametric
Beryllium, Total	ug/L	1	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Boron, Total	ug/L	2,936	20	MW02, MW07, MW09, MW14, and G301	24.29	12.48	0	None	sqrt(x)	0.05	Parametric
Cadmium, Total	ug/L	1	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Chloride, Total	ug/L	11,645	20	MW02, MW07, MW09, MW14, and G301	5,125	2,721	10	None	No	0.05	Parametric
Chromium, Total	ug/L	4	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Cobalt, Total	ug/L	14.79	20	MW02, MW07, MW09, MW14, and G301	7.505	3.041	0	None	No	0.05	Parametric
Copper, Total	ug/L	5.1	20	MW02, MW07, MW09, MW14, and G301	---	---	95	---	---	0.3585	Non-Parametric - Non-Detects
Cyanide, Total	ug/L	5	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Fluoride, Total	ug/L	625	20	MW02, MW07, MW09, MW14, and G301	---	---	70	---	---	0.3585	Non-Parametric - Non-Detects
Iron, Total	ug/L	11,653	20	MW02, MW07, MW09, MW14, and G301	55.38	21.94	0	None	sqrt(x)	0.05	Parametric
Lead, Total	ug/L	1.9	20	MW02, MW07, MW09, MW14, and G301	---	---	90	---	---	0.3585	Non-Parametric - Non-Detects
Manganese, Total	ug/L	8,600	20	MW02, MW07, MW09, MW14, and G301	---	---	0	---	---	0.3585	Non-Parametric - Normality
Mercury, Total	ug/L	0.2	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Nickel, Total	ug/L	18.05	20	MW02, MW07, MW09, MW14, and G301	8.379	4.035	20	Cohen`s	No	0.05	Parametric
N-Nitrate, Total	ug/L	50	20	MW02, MW07, MW09, MW14, and G301	---	---	95	---	---	0.3585	Non-Parametric - Non-Detects
Perchlorate	ug/L	10	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Selenium, Total	ug/L	1	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Silver, Total	ug/L	5	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Sulfate, Total	ug/L	2,395,925	20	MW02, MW07, MW09, MW14, and G301	1,251,500	477,640	0	None	No	0.05	Parametric
Thallium, Total	ug/L	1	20	MW02, MW07, MW09, MW14, and G301	---	---	100	---	---	0.3585	Non-Parametric - Non-Detects
Vanadium, Total	ug/L	5.6	20	MW02, MW07, MW09, MW14, and G301	---	---	90	---	---	0.3585	Non-Parametric - Non-Detects
Zinc, Total	ug/L	8.7	20	MW02, MW07, MW09, MW14, and G301	---	---	95	---	---	0.3585	Non-Parametric - Non-Detects

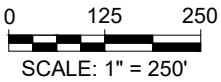
Table 3
Summary of Proposed AGQS Values

Parameter Name	Storet	Units	Proposed AGQS
Antimony, Total	1097	ug/L	3
Arsenic, Total	1002	ug/L	9.673
Barium, Total	1007	ug/L	25.05
Beryllium, Total	1012	ug/L	1
Boron, Total	1022	ug/L	2,936
Cadmium, Total	1027	ug/L	1
Chloride, Total	940	mg/L	11.645
Chromium, Total	1034	ug/L	4
Cobalt, Total	1037	ug/L	14.79
Copper, Total	1042	ug/L	5.1
Cyanide, Total	720	mg/L	0.005
Fluoride, Total	951	mg/L	0.625
Iron, Total	1045	ug/L	11,653
Lead, Total	1051	ug/L	1.9
Manganese, Total	1055	ug/L	8,600
Mercury, Total	71900	ug/L	0.2
Nickel, Total	1067	ug/L	18.05
N-Nitrate, Total	620	mg/L	0.05
Perchlorate	61209	ug/L	10
Selenium, Total	1147	ug/L	1
Silver, Total	1077	ug/L	5
Sulfate, Total	945	mg/L	2,395.925
Thallium, Total	1059	ug/L	1
Vanadium, Total	1087	ug/L	5.6
Zinc, Total	1092	ug/L	8.7



Legend:

- MW-2-10-S
- Background Groundwater Monitoring Well
- Property Boundary
- Future Waste Boundary



Drawing 1
Site Plan
Peoria City / County Landfill 3
Brimfield, Illinois

Attachment 1

LPC-PA1, LPC-PA16, and 39i Forms and Documentation The Public Notices Were Distributed



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

General Application for Permit (LPC - PA1)

This form must be used for any application for permit from the Bureau of Land, except for landscape waste composting or hazardous waste management facilities regulated in accordance with RCRA, Subtitle C. One original, and two copies, or three if applicable, of all permit application forms must be submitted. Attach the original and appropriate number of copies of any necessary plans, specifications, reports, etc. to fully support and describe the activities and modifications being proposed. Attach sufficient information to demonstrate the compliance with all regulatory requirements. Incomplete applications will be rejected. Please refer to the instructions for further guidance. **Note: Applicants must provide a physical address; the post office will not deliver a certified letter (final action letter) to a P.O. Box only. Please provide an extended ZIP+4 code for the site identification and owner/operator information.**

You may complete this form online, save a copy locally, print, sign and submit it to the Bureau of Land at the address below. Note: Hand-delivered permit applications must be delivered between 8:30 am and 5:00 pm, Monday through Friday (excluding State holidays) to:

Bureau of Land, Permit Section, Mail Code #33
1021 North Grand Avenue East, P.O. Box 19276
Springfield, IL 62794-9276

[Instructions](#)

I. Site Identification

Site Name: Peoria City/County Landfill 3

IEPA BOL No.: 1430155017

Street Address: 11501 Cottonwood Road

P.O. Box: _____

City: Brimfield

State: IL

Zip + 4: *61517-9541

*Notification letters will not be sent without a 9-digit zip code.

County: Peoria

Existing DE/OP Permit Numbers (if applicable): 2013-026-LF

II. Applicant Identification

Owner

Name: Joint City of Peoria / County of Peoria

Street Address: 419 Fulton Street

PO Box: _____

City: Peoria

State: IL

Zip + 4: 61602

Phone: 309-494-8800

Contact: Stephen Morris

Email Address: smorris@hhmlaw.net

FEIN ID No. E995-0485-06

Operator (if Different)

Name: Peoria City/County Landfill, Inc.

Street Address: 4700 N. Sterling Avenue

PO Box: 9071

City: Peoria

State: IL

Zip + 4: 61612

Phone: 309-688-0760

Contact: Kris Thompson

Email Address: kristhompson@gflenv.com

FEIN ID No. 37-1223747

Agency correspondence mailed to:



Owner



Operator



Other - Explain: _____

TYPE OF SUBMISSION/REVIEW PERIOD:

TYPE OF FACILITY:

TYPE OF WASTE:

☐ New Landfill/180 days (35 IAC Part 813)

☒ Landfill

☒ General Municipal Refuse

☐ Landfill Expansion/180 days (35 IAC Part 813)

☐ Land Treatment

☐ Hazardous

☐ Sig. Mod. to Operate/90 days (35 IAC Part 813)

☐ Transfer Station

☒ Special (Non-Hazardous)

☒ Other Sig. Mod./90 days (35 IAC Part 813)

☐ Treatment Facility

☐ Chemical Only (exec. putrescible)

☐ Renewal of Landfill/90 days (35 IAC Part 813)

☐ Storage

☐ Inert Only (exec. chem. & putrescible)

☐ Development/90 days (35 IAC Part 807)

☐ Incinerator

☐ Used Oil

☐ Operating/45 days (35 IAC Part 807)

☐ Composting

☐ Potentially Infectious Medical Waste

☐ Operating/90 days (35 IAC Part 848)

☒ Recycling/Reclamation

☐ Landscape/Yard Waste

☐ Supplemental/90 days (35 IAC Part 807)

☐ Used Tire Storage/Processing Facility

☐ Used Tires

☐ Permit Transfer/90 days (35 IAC Part 807)

☐ Other (Specify)

☐ Other (Specify)

☐ Renewal of Experimental Permit (35 IAC Part 807)

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42).

IL 532-1857

LPC 350 Rev. 10/2018

General Application for Permit (LPC-PA1)

Page 1 of 4

III. Description of this Permit Request: (Note: The box below will expand as needed)

This application addresses condition VIII.24 of the permit and proposes background groundwater values for 35 IAC 620.410 parameters.

IV. Completeness Requirements

1. Have all required public notice letters been mailed in accordance with the LPC-PA16 instructions? Yes ☐ No ☐ N/A ☐

(If so, provide a list of those recipients of the required public notice letters for Illinois EPA retention.

Such retention shall not imply any Illinois EPA review and/or confirmation of the list.)

Public Notice Recipients

Name: <u>Neil Anderson</u>	Title: <u>Illinois State Senator District 47</u>
Street Address: <u>103 N. College Avenue #201</u>	P.O. Box: _____
City: <u>Aledo</u> State: <u>IL</u>	Zip Code: <u>61231</u>
Name: <u>Travis Weaver</u>	Title: <u>Illinois State Representative District 93</u>
Street Address: <u>210 West 3rd Street</u>	P.O. Box: _____
City: <u>Kewanee</u> State: <u>IL</u>	Zip Code: <u>61443</u>
Name: <u>Jodi M. Hoos</u>	Title: <u>State's Attorney</u>
Street Address: <u>324 Main Street Room 111</u>	P.O. Box: _____
City: <u>Peoria</u> State: <u>IL</u>	Zip Code: <u>61602</u>
Name: <u>James C. Dillon</u>	Title: <u>Chairman Peoria County Board</u>
Street Address: <u>1230 West Moss Avenue</u>	P.O. Box: _____
City: <u>Peoria</u> State: <u>IL</u>	Zip Code: <u>61602</u>
Name: <u>Stefanie Tarr</u>	Title: <u>City Clerk</u>
Street Address: <u>419 Fulton Street Suite 401</u>	P.O. Box: _____
City: <u>Peoria</u> State: <u>IL</u>	Zip Code: <u>61602</u>
Name: <u>Myrna Klatt</u>	Title: <u>Village Clerk Hanna City</u>
Street Address: <u>313 N. First Street</u>	P.O. Box: _____
City: <u>Hanna City</u> State: <u>IL</u>	Zip Code: <u>61536</u>

- | | Yes | No | N/A |
|--|----------------------------------|----------------------------------|----------------------------------|
| 2. a. Is the Siting Certification Form (LPC-PA8) completed and enclosed? | ☐ | ☐ | ☒ |
| b. Is siting approval currently under litigation? | ☐ | ☒ | ☐ |
| 3. a. Is a closure, and if necessary a post-closure plan covering these activities being submitted, or | ☐ | ☒ | ☐ |
| b. has one already been approved? | ☒ | ☐ | ☐ |
| If yes, provide the permit number: <u>2013-026-LF</u> | | | |
| 4. a. For operating waste disposal sites, only: Has any employee, owner, operator, officer or director of the owner or operator had a prior conduct certification denied, canceled or revoked? | ☐ | ☒ | ☐ |
| b. Have you included a demonstration of how you comply or intend to comply with 35 Ill. Adm. Code 745? | ☐ | ☐ | ☒ |
| 5. a. For waste disposal sites, only: Is the property for the facility held in a beneficial trust? | ☐ | ☒ | ☐ |
| b. If yes, is a beneficial trust certification form (LPC-PA9) completed and enclosed? | ☐ | ☐ | ☒ |
| 6. a. Does the application contain information or proposals regarding the hydrogeology; groundwater monitoring, modeling or classification; a groundwater impact assessment; or vadosezone monitoring for which you are requesting approval? | ☒ | ☐ | ☐ |
| b. If yes, have you submitted a third copy of the application (4 total) and supporting documents? | ☒ | ☐ | ☐ |

7. Has the required 39(i) certification been attached? A 39(i) certification must be submitted with information concerning the following persons or entities:

- a. the owner of the business entity applying for the permit;
- b. the operator of the business entity applying for the permit;
- c. each employee or officer of the owner or operator who signed the permit application or has managerial authority at the site; and
- d. any additional owner, operator, or officer or employee of the owner or operator from whom a certification is requested by the Illinois EPA, including any officer or employee who will be responsible for overseeing or implementing regulated activities governed by the permit.

☒	☐	☐
☒	☐	☐
☐	☒	☐
☐	☐	☒

If no, then complete this certification as indicated.

V. Signatures:

Original signatures are required. Signature stamps or applications transmitted electronically or by FAX are not acceptable.

All applications shall be signed by the person designated below as a duly authorized representative of the owner an/or operator. A printed name for each signature should also be provided.

Corporation - By a principal executive officer of the level of vice-president or above.

Partnership or Sole Proprietorship - By a general partner or the proprietor, respectively.

Government - By either a principal executive officer or a ranking elected official.

A person is a duly authorized representative of the owner and operator only if:

1. They meet the criteria above or the authorization has been granted in writing by a person described above; and
2. Is submitted with this application (a copy of a previously submitted authorization can be used).

I hereby affirm that all information contained in this application is true and accurate to the best of my knowledge and belief. I do herein swear that I am a duly authorized representative of the owner/operator and I am authorized to sign this permit application form.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner Signature Stephen Morris Printed Name	Date Chairman Title														
Notary: Subscribed and Sworn before me this day of 20 . My commission expires on: _____ Signature & Stamp/Seal of Notary Public															
Operator Signature Matthew Coulter (as agent of PCC3 not as individual) Printed Name	Date Regional Vice President Title														
Notary: Subscribed and Sworn before me this day of 20 . My commission expires on: _____ Signature & Stamp/Seal of Notary Public															
<table style="width: 100%; border: none;"><tr><td style="width: 50%;">Engineer's Name: <u>Edward J. Doyle</u></td><td style="width: 50%;">Engineer's Title: <u>Senior Engineer</u></td></tr><tr><td>Company: <u>Environmental Information Logistics, LLC</u></td><td>Registration Number: <u>062-048126</u></td></tr><tr><td>Street Address: <u>534 Duane Street</u></td><td>PO Box: _____</td></tr><tr><td>City: <u>Glen Ellyn</u> State: <u>IL</u></td><td>Zip Code: <u>60137</u> Phone: <u>630 750-6556</u></td></tr><tr><td colspan="2">Email Address: <u>jmillier@eilllc.com</u></td></tr><tr><td colspan="2">License Expiration Date: <u>Nov 30, 2025</u></td></tr><tr><td colspan="2" style="height: 40px; vertical-align: bottom;"> Signature: _____ Date: _____ </td></tr></table>		Engineer's Name: <u>Edward J. Doyle</u>	Engineer's Title: <u>Senior Engineer</u>	Company: <u>Environmental Information Logistics, LLC</u>	Registration Number: <u>062-048126</u>	Street Address: <u>534 Duane Street</u>	PO Box: _____	City: <u>Glen Ellyn</u> State: <u>IL</u>	Zip Code: <u>60137</u> Phone: <u>630 750-6556</u>	Email Address: <u>jmillier@eilllc.com</u>		License Expiration Date: <u>Nov 30, 2025</u>		Signature: _____ Date: _____	
Engineer's Name: <u>Edward J. Doyle</u>	Engineer's Title: <u>Senior Engineer</u>														
Company: <u>Environmental Information Logistics, LLC</u>	Registration Number: <u>062-048126</u>														
Street Address: <u>534 Duane Street</u>	PO Box: _____														
City: <u>Glen Ellyn</u> State: <u>IL</u>	Zip Code: <u>60137</u> Phone: <u>630 750-6556</u>														
Email Address: <u>jmillier@eilllc.com</u>															
License Expiration Date: <u>Nov 30, 2025</u>															
Signature: _____ Date: _____															
Professional Engineer's Seal															



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency
Division of Land Pollution Control - #33
39(i) Certification
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

I. Applicant Information

Site Name Peoria City/County Landfill 3

IEPA BOL No.: 1430155017

Site Address 11501 Cottonwood Road

City: Brimfield

State: IL

Zip Code: 61517-9541

Permit Numbers (if applicable): 2013-026-LF

Owner

Owner Name: Joint City of Peoria / County of Peoria

Street Address: 419 Fulton Street

City: Peoria

State: IL

Zip: 61602

Operator

Operator Name: Peoria City/County Landfill, Inc.

Street Address: 4700 N. Sterling Ave. P.O. Box 9071

City: Peoria

State: IL

Zip: 61612

Is this 39(i) certification for the owner or the operator?

☐ Owner

☒ Operator

☐ Owner and operator are the same entity

II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title
Matthew Coulter (as agent of PCC3 not as an individual)	Regional Vice President

B. Employees: List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Dave Bryant (as agent of PCC3 not as individual)	Landfill General Manager

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites? ☐ Yes
☒ No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition? ☐ Yes
☒ No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill? ☐ Yes
☒ No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above? ☐ Yes
☒ No
2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above? ☐ Yes
☒ No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

☐ By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

Authorization for Release of Information

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information.

Certification Statements

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Signature of Applicant Officer

Date

Matthew Coulter (agent of PCC3 not as an individual)

Regional Vice President

Printed Name

Title

Attachment A (1 of 1)

This Attachment must be completed for each owner or operator, and for each officer or employee identified in Section II, for whom one or more affirmative responses were included in Section III.

Name: _____ Title: _____

Status: ☐ Owner ☐ Operator ☐ Officer ☐ Employee (check all that apply)

A. Prior Findings or Convictions

1. Has there been a finding that the person named above violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites? ☐ Yes
☐ No
2. Has the person named above ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition? ☐ Yes
☐ No
3. Has there been a finding against the person named above of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill? ☐ Yes
☐ No

If the answer to any of the above questions is Yes, attach a copy of each final administrative or judicial determination that required an affirmative response.

B. Pending Proceedings

Is there any proceeding currently pending that could result in one of the following:

1. A conviction or finding described in subsection A, above? ☐ Yes
☐ No
2. The reversal of a conviction or finding described in subsection A, above? ☐ Yes
☐ No

If the answer to any of the above questions is Yes, please provide information about the pending proceeding, including the parties involved, the adjudicating body, the docket number, the nature of the proceeding, and the status. The box below will expand as needed. Attach additional sheets if necessary.



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency
Division of Land Pollution Control - #33
39(i) Certification
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

I. Applicant Information

Site Name Peoria City/County Landfill 3 IEPA BOL No.: 1430155017
Site Address 11501 Cottonwood Road
City: Brimfield State: IL Zip Code: 61517-9541
Permit Numbers (if applicable): 2013-026-LF

Owner	Operator
Owner Name: <u>Joint City of Peoria / County of Peoria</u>	Operator Name: <u>Peoria City/County Landfill, Inc.</u>
Street Address: <u>419 Fulton Street</u>	Street Address: <u>4700 N. Sterling Ave. P.O. Box 9071</u>
City: <u>Peoria</u> State: <u>IL</u> Zip: <u>61602</u>	City: <u>Peoria</u> State: <u>IL</u> Zip: <u>61612</u>

Is this 39(i) certification for the owner or the operator?

☒ Owner ☐ Operator ☐ Owner and operator are the same entity

II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title
Stephen Morris	Chairman - Solid Waste Disposal Facility Board

B. Employees: List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites? ☐ Yes
☒ No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition? ☐ Yes
☒ No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill? ☐ Yes
☒ No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above? ☐ Yes
☒ No
2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above? ☐ Yes
☒ No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

☐ By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

Authorization for Release of Information

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information.

Certification Statements

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Signature of Applicant Officer

Stephen Morris

Printed Name

Date

Chairman - Solid Waste Disposal Facility Board

Title

Attachment A (1 of 1)

This Attachment must be completed for each owner or operator, and for each officer or employee identified in Section II, for whom one or more affirmative responses were included in Section III.

Name: _____ Title: _____

Status: ☐ Owner ☐ Operator ☐ Officer ☐ Employee (check all that apply)

A. Prior Findings or Convictions

1. Has there been a finding that the person named above violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites? ☐ Yes
☐ No
2. Has the person named above ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition? ☐ Yes
☐ No
3. Has there been a finding against the person named above of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill? ☐ Yes
☐ No

If the answer to any of the above questions is Yes, attach a copy of each final administrative or judicial determination that required an affirmative response.

B. Pending Proceedings

Is there any proceeding currently pending that could result in one of the following:

1. A conviction or finding described in subsection A, above? ☐ Yes
☐ No
2. The reversal of a conviction or finding described in subsection A, above? ☐ Yes
☐ No

If the answer to any of the above questions is Yes, please provide information about the pending proceeding, including the parties involved, the adjudicating body, the docket number, the nature of the proceeding, and the status. The box below will expand as needed. Attach additional sheets if necessary.



Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • Box 19276 • Springfield • Illinois • 62794-9276

Notice of Application for Permit to Manage Waste (LPC-PA16)

Date: 2024-03-01

To Elected Officials and Concerned Citizens:

The purpose of this notice is to inform you that a permit application has been submitted to the Illinois EPA, Bureau of Land, for a solid waste project described below. You are not obligated to respond to this notice, however, if you have any comments, please submit them in writing to the Bureau of Land, Attn: Permit Section, at the above address, or contact the Permit Section at 217/524-3300 within 21 days.

NOTE: Please complete this form online, save a copy locally, print and submit it to the Permit Section #33, at the above.

The permit application, which is identified below, is for a project described at the bottom of this page.

Site Identification:

Site Name: Peoria City/County Landfill 3 IEPA ID Number: 1430155017

Street Address: 11501 Cottonwood Road P.O. Box: _____

City: Brimfield State: IL Zip Code: 61517-9541 County: Peoria

TYPE OF PERMIT SUBMISSIONS:

- ☐ New Landfill
- ☐ Landfill Expansion
- ☐ First Significant Modification
- ☐ Significant Modification to Operate
- ☒ Other Significant Modification
- ☐ Renewal of Landfill
- ☐ Development
- ☐ Operating
- ☐ Supplemental
- ☐ Transfer
- ☐ Name Change
- ☐ Generic

TYPE OF FACILITY:

- ☒ Landfill
- ☐ Land Treatment
- ☐ Transfer Station
- ☐ Treatment Facility
- ☐ Storage
- ☐ Incinerator
- ☐ Composting
- ☒ Recycling/Reclamation
- ☐ Other (Specify) _____

TYPE OF WASTE:

- ☒ General Municipal Refuse
- ☐ Hazardous
- ☒ Special (Non-Hazardous)
- ☐ Chemical Only (exec. putrescible)
- ☐ Inert Only (exec. chem. & putrescible)
- ☐ Used Oil
- ☐ Solvents
- ☐ Landscape/Yard Waste
- ☐ Other (Specify) _____

Description of Project:

This application addresses condition VIII.24 of the permit and proposes background groundwater values for 35 IAC 620.410 parameters.

Attachment 2

Summary of Background Monitoring Results for Inorganic 35 IAC 620.410 Parameters At
Wells MW02, MW07, MW08, MW09, MW14, and G301

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Antimony, Total	ug/L	3	U	3
G301	05/25/23	Antimony, Total	ug/L	3	U	3
G301	09/12/23	Antimony, Total	ug/L	3	U	3
G301	11/27/23	Antimony, Total	ug/L	3	U	3
MW02	03/13/23	Antimony, Total	ug/L	3	U	3
MW02	05/25/23	Antimony, Total	ug/L	3	U	3
MW02	09/05/23	Antimony, Total	ug/L	3	U	3
MW02	11/27/23	Antimony, Total	ug/L	3	U	3
MW07	03/13/23	Antimony, Total	ug/L	3	U	3
MW07	05/25/23	Antimony, Total	ug/L	3	U	3
MW07	09/05/23	Antimony, Total	ug/L	3	U	3
MW07	11/27/23	Antimony, Total	ug/L	3	U	3
MW08	03/14/23	Antimony, Total	ug/L	3	U	3
MW08	05/25/23	Antimony, Total	ug/L	3	U	3
MW08	09/12/23	Antimony, Total	ug/L	3	U	3
MW09	03/13/23	Antimony, Total	ug/L	3	U	3
MW09	05/25/23	Antimony, Total	ug/L	3	U	3
MW09	09/05/23	Antimony, Total	ug/L	3	U	3
MW09	11/27/23	Antimony, Total	ug/L	3	U	3
MW14	03/14/23	Antimony, Total	ug/L	3	U	3
MW14	05/25/23	Antimony, Total	ug/L	3	U	3
MW14	09/05/23	Antimony, Total	ug/L	3	U	3
MW14	11/27/23	Antimony, Total	ug/L	3	U	3
G301	03/14/23	Arsenic, Total	ug/L	3		1
G301	05/25/23	Arsenic, Total	ug/L	4.8		1
G301	09/12/23	Arsenic, Total	ug/L	1	U	1
G301	11/27/23	Arsenic, Total	ug/L	1.7		1
MW02	03/13/23	Arsenic, Total	ug/L	1	U	1
MW02	05/25/23	Arsenic, Total	ug/L	1	U	1
MW02	09/05/23	Arsenic, Total	ug/L	1	U	1
MW02	11/27/23	Arsenic, Total	ug/L	1	U	1
MW07	03/13/23	Arsenic, Total	ug/L	8.9		1
MW07	05/25/23	Arsenic, Total	ug/L	3.6		1
MW07	09/05/23	Arsenic, Total	ug/L	3.6		1
MW07	11/27/23	Arsenic, Total	ug/L	3.1		1
MW08	03/14/23	Arsenic, Total	ug/L	1.2		1
MW08	05/25/23	Arsenic, Total	ug/L	1	U	1
MW08	09/12/23	Arsenic, Total	ug/L	1	U	1
MW09	03/13/23	Arsenic, Total	ug/L	7.2		1
MW09	05/25/23	Arsenic, Total	ug/L	4.9		1
MW09	09/05/23	Arsenic, Total	ug/L	6		1
MW09	11/27/23	Arsenic, Total	ug/L	4.4		1
MW14	03/14/23	Arsenic, Total	ug/L	4		1
MW14	05/25/23	Arsenic, Total	ug/L	3.1		1
MW14	09/05/23	Arsenic, Total	ug/L	1.6		1
MW14	11/27/23	Arsenic, Total	ug/L	1.4		1

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Barium, Total	ug/L	16		1
G301	05/25/23	Barium, Total	ug/L	17		1
G301	09/12/23	Barium, Total	ug/L	15		1
G301	11/27/23	Barium, Total	ug/L	16		1
MW02	03/13/23	Barium, Total	ug/L	19		1
MW02	05/25/23	Barium, Total	ug/L	16		1
MW02	09/05/23	Barium, Total	ug/L	16		1
MW02	11/27/23	Barium, Total	ug/L	17		1
MW07	03/13/23	Barium, Total	ug/L	16		1
MW07	05/25/23	Barium, Total	ug/L	12		1
MW07	09/05/23	Barium, Total	ug/L	16		1
MW07	11/27/23	Barium, Total	ug/L	13		1
MW08	03/14/23	Barium, Total	ug/L	23		1
MW08	05/25/23	Barium, Total	ug/L	18		1
MW08	09/12/23	Barium, Total	ug/L	18		1
MW09	03/13/23	Barium, Total	ug/L	28		1
MW09	05/25/23	Barium, Total	ug/L	13		1
MW09	09/05/23	Barium, Total	ug/L	16		1
MW09	11/27/23	Barium, Total	ug/L	11		1
MW14	03/14/23	Barium, Total	ug/L	19		1
MW14	05/25/23	Barium, Total	ug/L	15		1
MW14	09/05/23	Barium, Total	ug/L	15		1
MW14	11/27/23	Barium, Total	ug/L	13		1
G301	03/14/23	Beryllium, Total	ug/L	1	U	1
G301	05/25/23	Beryllium, Total	ug/L	1	U	1
G301	09/12/23	Beryllium, Total	ug/L	1	U	1
G301	11/27/23	Beryllium, Total	ug/L	1	U	1
MW02	03/13/23	Beryllium, Total	ug/L	1	U	1
MW02	05/25/23	Beryllium, Total	ug/L	1	U	1
MW02	09/05/23	Beryllium, Total	ug/L	1	U	1
MW02	11/27/23	Beryllium, Total	ug/L	1	U	1
MW07	03/13/23	Beryllium, Total	ug/L	1	U	1
MW07	05/25/23	Beryllium, Total	ug/L	1	U	1
MW07	09/05/23	Beryllium, Total	ug/L	1	U	1
MW07	11/27/23	Beryllium, Total	ug/L	1	U	1
MW08	03/14/23	Beryllium, Total	ug/L	1	U	1
MW08	05/25/23	Beryllium, Total	ug/L	1	U	1
MW08	09/12/23	Beryllium, Total	ug/L	1	U	1
MW09	03/13/23	Beryllium, Total	ug/L	1	U	1
MW09	05/25/23	Beryllium, Total	ug/L	1	U	1
MW09	09/05/23	Beryllium, Total	ug/L	1	U	1
MW09	11/27/23	Beryllium, Total	ug/L	1	U	1
MW14	03/14/23	Beryllium, Total	ug/L	1	U	1
MW14	05/25/23	Beryllium, Total	ug/L	1	U	1
MW14	09/05/23	Beryllium, Total	ug/L	1	U	1
MW14	11/27/23	Beryllium, Total	ug/L	1	U	1

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Boron, Total	ug/L	74		10
G301	05/25/23	Boron, Total	ug/L	80		10
G301	09/12/23	Boron, Total	ug/L	72		10
G301	11/27/23	Boron, Total	ug/L	61		10
MW02	03/13/23	Boron, Total	ug/L	580		10
MW02	05/25/23	Boron, Total	ug/L	570		10
MW02	09/05/23	Boron, Total	ug/L	580		10
MW02	11/27/23	Boron, Total	ug/L	570		10
MW07	03/13/23	Boron, Total	ug/L	190		10
MW07	05/25/23	Boron, Total	ug/L	200		10
MW07	09/05/23	Boron, Total	ug/L	200		10
MW07	11/27/23	Boron, Total	ug/L	180		10
MW08	03/14/23	Boron, Total	ug/L	38		10
MW08	05/25/23	Boron, Total	ug/L	32		10
MW08	09/12/23	Boron, Total	ug/L	36		10
MW09	03/13/23	Boron, Total	ug/L	1,700		10
MW09	05/25/23	Boron, Total	ug/L	1,600		10
MW09	09/05/23	Boron, Total	ug/L	1,700		10
MW09	11/27/23	Boron, Total	ug/L	1,700		10
MW14	03/14/23	Boron, Total	ug/L	1,400		10
MW14	05/25/23	Boron, Total	ug/L	1,200		10
MW14	09/05/23	Boron, Total	ug/L	1,100		10
MW14	11/27/23	Boron, Total	ug/L	1,000		10
G301	03/14/23	Cadmium, Total	ug/L	1	U	1
G301	05/25/23	Cadmium, Total	ug/L	1	U	1
G301	09/12/23	Cadmium, Total	ug/L	1	U	1
G301	11/27/23	Cadmium, Total	ug/L	1	U	1
MW02	03/13/23	Cadmium, Total	ug/L	1	U	1
MW02	05/25/23	Cadmium, Total	ug/L	1	U	1
MW02	09/05/23	Cadmium, Total	ug/L	1	U	1
MW02	11/27/23	Cadmium, Total	ug/L	1	U	1
MW07	03/13/23	Cadmium, Total	ug/L	1	U	1
MW07	05/25/23	Cadmium, Total	ug/L	1	U	1
MW07	09/05/23	Cadmium, Total	ug/L	1	U	1
MW07	11/27/23	Cadmium, Total	ug/L	1	U	1
MW08	03/14/23	Cadmium, Total	ug/L	1	U	1
MW08	05/25/23	Cadmium, Total	ug/L	1	U	1
MW08	09/12/23	Cadmium, Total	ug/L	1	U	1
MW09	03/13/23	Cadmium, Total	ug/L	1	U	1
MW09	05/25/23	Cadmium, Total	ug/L	1	U	1
MW09	09/05/23	Cadmium, Total	ug/L	1	U	1
MW09	11/27/23	Cadmium, Total	ug/L	1	U	1
MW14	03/14/23	Cadmium, Total	ug/L	1	U	1
MW14	05/25/23	Cadmium, Total	ug/L	1	U	1
MW14	09/05/23	Cadmium, Total	ug/L	1	U	1
MW14	11/27/23	Cadmium, Total	ug/L	1	U	1

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Chloride, Total	ug/L	1,000	U	1,000
G301	05/25/23	Chloride, Total	ug/L	2,000		1,000
G301	09/12/23	Chloride, Total	ug/L	5,000	U	5,000
G301	11/27/23	Chloride, Total	ug/L	1,700		1,000
MW02	03/13/23	Chloride, Total	ug/L	3,500		1,000
MW02	05/25/23	Chloride, Total	ug/L	3,500		1,000
MW02	09/05/23	Chloride, Total	ug/L	3,900		1,000
MW02	11/27/23	Chloride, Total	ug/L	3,400		1,000
MW07	03/13/23	Chloride, Total	ug/L	4,000		1,000
MW07	05/25/23	Chloride, Total	ug/L	4,300		1,000
MW07	09/05/23	Chloride, Total	ug/L	5,300		1,000
MW07	11/27/23	Chloride, Total	ug/L	4,800		1,000
MW08	03/14/23	Chloride, Total	ug/L	5,000	U	5,000
MW08	05/25/23	Chloride, Total	ug/L	4,000		1,000
MW08	09/12/23	Chloride, Total	ug/L	5,000	U	5,000
MW09	03/13/23	Chloride, Total	ug/L	5,800		1,000
MW09	05/25/23	Chloride, Total	ug/L	7,100		5,000
MW09	09/05/23	Chloride, Total	ug/L	7,100		1,000
MW09	11/27/23	Chloride, Total	ug/L	6,300		1,000
MW14	03/14/23	Chloride, Total	ug/L	9,700		5,000
MW14	05/25/23	Chloride, Total	ug/L	9,600		5,000
MW14	09/05/23	Chloride, Total	ug/L	9,800		5,000
MW14	11/27/23	Chloride, Total	ug/L	7,700		5,000
G301	03/14/23	Chromium, Total	ug/L	4	U	4
G301	05/25/23	Chromium, Total	ug/L	4	U	4
G301	09/12/23	Chromium, Total	ug/L	4	U	4
G301	11/27/23	Chromium, Total	ug/L	4	U	4
MW02	03/13/23	Chromium, Total	ug/L	4	U	4
MW02	05/25/23	Chromium, Total	ug/L	4	U	4
MW02	09/05/23	Chromium, Total	ug/L	4	U	4
MW02	11/27/23	Chromium, Total	ug/L	4	U	4
MW07	03/13/23	Chromium, Total	ug/L	4	U	4
MW07	05/25/23	Chromium, Total	ug/L	4	U	4
MW07	09/05/23	Chromium, Total	ug/L	4	U	4
MW07	11/27/23	Chromium, Total	ug/L	4	U	4
MW08	03/14/23	Chromium, Total	ug/L	4	U	4
MW08	05/25/23	Chromium, Total	ug/L	4	U	4
MW08	09/12/23	Chromium, Total	ug/L	4	U	4
MW09	03/13/23	Chromium, Total	ug/L	4	U	4
MW09	05/25/23	Chromium, Total	ug/L	4	U	4
MW09	09/05/23	Chromium, Total	ug/L	4	U	4
MW09	11/27/23	Chromium, Total	ug/L	4	U	4
MW14	03/14/23	Chromium, Total	ug/L	4	U	4
MW14	05/25/23	Chromium, Total	ug/L	4	U	4
MW14	09/05/23	Chromium, Total	ug/L	4	U	4
MW14	11/27/23	Chromium, Total	ug/L	4	U	4

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Cobalt, Total	ug/L	3.7		2
G301	05/25/23	Cobalt, Total	ug/L	3.8		2
G301	09/12/23	Cobalt, Total	ug/L	3.5		2
G301	11/27/23	Cobalt, Total	ug/L	3.6		2
MW02	03/13/23	Cobalt, Total	ug/L	5.9		2
MW02	05/25/23	Cobalt, Total	ug/L	5.3		2
MW02	09/05/23	Cobalt, Total	ug/L	5.3		2
MW02	11/27/23	Cobalt, Total	ug/L	5.3		2
MW07	03/13/23	Cobalt, Total	ug/L	11		2
MW07	05/25/23	Cobalt, Total	ug/L	9.8		2
MW07	09/05/23	Cobalt, Total	ug/L	11		2
MW07	11/27/23	Cobalt, Total	ug/L	11		2
MW08	03/14/23	Cobalt, Total	ug/L	4.8		2
MW08	05/25/23	Cobalt, Total	ug/L	2	U	2
MW08	09/12/23	Cobalt, Total	ug/L	2.3		2
MW09	03/13/23	Cobalt, Total	ug/L	7.8		2
MW09	05/25/23	Cobalt, Total	ug/L	6.7		2
MW09	09/05/23	Cobalt, Total	ug/L	6.5		2
MW09	11/27/23	Cobalt, Total	ug/L	5.9		2
MW14	03/14/23	Cobalt, Total	ug/L	10		2
MW14	05/25/23	Cobalt, Total	ug/L	10		2
MW14	09/05/23	Cobalt, Total	ug/L	12		2
MW14	11/27/23	Cobalt, Total	ug/L	12		2
G301	03/14/23	Copper, Total	ug/L	3	U	3
G301	05/25/23	Copper, Total	ug/L	3	U	3
G301	09/12/23	Copper, Total	ug/L	3	U	3
G301	11/27/23	Copper, Total	ug/L	3	U	3
MW02	03/13/23	Copper, Total	ug/L	3	U	3
MW02	05/25/23	Copper, Total	ug/L	3	U	3
MW02	09/05/23	Copper, Total	ug/L	3	U	3
MW02	11/27/23	Copper, Total	ug/L	3	U	3
MW07	03/13/23	Copper, Total	ug/L	3	U	3
MW07	05/25/23	Copper, Total	ug/L	3	U	3
MW07	09/05/23	Copper, Total	ug/L	3	U	3
MW07	11/27/23	Copper, Total	ug/L	3	U	3
MW08	03/14/23	Copper, Total	ug/L	3	U	3
MW08	05/25/23	Copper, Total	ug/L	3	U	3
MW08	09/12/23	Copper, Total	ug/L	3	U	3
MW09	03/13/23	Copper, Total	ug/L	5.1		3
MW09	05/25/23	Copper, Total	ug/L	3	U	3
MW09	09/05/23	Copper, Total	ug/L	3	U	3
MW09	11/27/23	Copper, Total	ug/L	3	U	3
MW14	03/14/23	Copper, Total	ug/L	3	U	3
MW14	05/25/23	Copper, Total	ug/L	3	U	3
MW14	09/05/23	Copper, Total	ug/L	3	U	3
MW14	11/27/23	Copper, Total	ug/L	3	U	3

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Cyanide, Total	ug/L	5	U	5
G301	05/25/23	Cyanide, Total	ug/L	5	U	5
G301	09/12/23	Cyanide, Total	ug/L	5	U	5
G301	11/27/23	Cyanide, Total	ug/L	5	U	5
MW02	03/13/23	Cyanide, Total	ug/L	5	U	5
MW02	05/25/23	Cyanide, Total	ug/L	5	U	5
MW02	09/05/23	Cyanide, Total	ug/L	5	U	5
MW02	11/27/23	Cyanide, Total	ug/L	5	U	5
MW07	03/13/23	Cyanide, Total	ug/L	5	U	5
MW07	05/25/23	Cyanide, Total	ug/L	5	U	5
MW07	09/05/23	Cyanide, Total	ug/L	5	U	5
MW07	11/27/23	Cyanide, Total	ug/L	5	U	5
MW08	03/14/23	Cyanide, Total	ug/L	5	U	5
MW08	05/25/23	Cyanide, Total	ug/L	5	U	5
MW08	09/12/23	Cyanide, Total	ug/L	5	U	5
MW09	03/13/23	Cyanide, Total	ug/L	5	U	5
MW09	05/25/23	Cyanide, Total	ug/L	5	U	5
MW09	09/05/23	Cyanide, Total	ug/L	5	U	5
MW09	11/27/23	Cyanide, Total	ug/L	5	U	5
MW14	03/14/23	Cyanide, Total	ug/L	5	U	5
MW14	05/25/23	Cyanide, Total	ug/L	5	U	5
MW14	09/05/23	Cyanide, Total	ug/L	5	U	5
MW14	11/27/23	Cyanide, Total	ug/L	5	U	5
G301	03/14/23	Fluoride, Total	ug/L	250	U	250
G301	05/25/23	Fluoride, Total	ug/L	250	U	250
G301	09/12/23	Fluoride, Total	ug/L	250	U	250
G301	11/27/23	Fluoride, Total	ug/L	250	U	250
MW02	03/13/23	Fluoride, Total	ug/L	250	U	250
MW02	05/25/23	Fluoride, Total	ug/L	250	U	250
MW02	09/05/23	Fluoride, Total	ug/L	250	U	250
MW02	11/27/23	Fluoride, Total	ug/L	274		250
MW07	03/13/23	Fluoride, Total	ug/L	250	U	250
MW07	05/25/23	Fluoride, Total	ug/L	410		250
MW07	09/05/23	Fluoride, Total	ug/L	250	U	250
MW07	11/27/23	Fluoride, Total	ug/L	250	U	250
MW08	03/14/23	Fluoride, Total	ug/L	250	U	250
MW08	05/25/23	Fluoride, Total	ug/L	250	U	250
MW08	09/12/23	Fluoride, Total	ug/L	250	U	250
MW09	03/13/23	Fluoride, Total	ug/L	279		250
MW09	05/25/23	Fluoride, Total	ug/L	254		250
MW09	09/05/23	Fluoride, Total	ug/L	285		250
MW09	11/27/23	Fluoride, Total	ug/L	348		250
MW14	03/14/23	Fluoride, Total	ug/L	250	U	250
MW14	05/25/23	Fluoride, Total	ug/L	250	U	250
MW14	09/05/23	Fluoride, Total	ug/L	250	U	250
MW14	11/27/23	Fluoride, Total	ug/L	1,250	U	1,250

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Iron, Total	ug/L	3,200		10
G301	05/25/23	Iron, Total	ug/L	4,100		10
G301	09/12/23	Iron, Total	ug/L	2,600		10
G301	11/27/23	Iron, Total	ug/L	2,800		10
MW02	03/13/23	Iron, Total	ug/L	530		10
MW02	05/25/23	Iron, Total	ug/L	720		10
MW02	09/05/23	Iron, Total	ug/L	300		10
MW02	11/27/23	Iron, Total	ug/L	430		10
MW07	03/13/23	Iron, Total	ug/L	12,000		10
MW07	05/25/23	Iron, Total	ug/L	4,000		10
MW07	09/05/23	Iron, Total	ug/L	5,600		10
MW07	11/27/23	Iron, Total	ug/L	4,100		10
MW08	03/14/23	Iron, Total	ug/L	1,800		10
MW08	05/25/23	Iron, Total	ug/L	430		10
MW08	09/12/23	Iron, Total	ug/L	380		10
MW09	03/13/23	Iron, Total	ug/L	6,900		10
MW09	05/25/23	Iron, Total	ug/L	2,700		10
MW09	09/05/23	Iron, Total	ug/L	3,800		10
MW09	11/27/23	Iron, Total	ug/L	2,400		10
MW14	03/14/23	Iron, Total	ug/L	4,800		10
MW14	05/25/23	Iron, Total	ug/L	3,600		10
MW14	09/05/23	Iron, Total	ug/L	3,200		10
MW14	11/27/23	Iron, Total	ug/L	2,700		10
G301	03/14/23	Lead, Total	ug/L	1	U	1
G301	05/25/23	Lead, Total	ug/L	1	U	1
G301	09/12/23	Lead, Total	ug/L	1	U	1
G301	11/27/23	Lead, Total	ug/L	1	U	1
MW02	03/13/23	Lead, Total	ug/L	1	U	1
MW02	05/25/23	Lead, Total	ug/L	1	U	1
MW02	09/05/23	Lead, Total	ug/L	1	U	1
MW02	11/27/23	Lead, Total	ug/L	1	U	1
MW07	03/13/23	Lead, Total	ug/L	1	U	1
MW07	05/25/23	Lead, Total	ug/L	1	U	1
MW07	09/05/23	Lead, Total	ug/L	1	U	1
MW07	11/27/23	Lead, Total	ug/L	1	U	1
MW08	03/14/23	Lead, Total	ug/L	1	U	1
MW08	05/25/23	Lead, Total	ug/L	1	U	1
MW08	09/12/23	Lead, Total	ug/L	1	U	1
MW09	03/13/23	Lead, Total	ug/L	1.9		1
MW09	05/25/23	Lead, Total	ug/L	1	U	1
MW09	09/05/23	Lead, Total	ug/L	1	U	1
MW09	11/27/23	Lead, Total	ug/L	1	U	1
MW14	03/14/23	Lead, Total	ug/L	1.2		1
MW14	05/25/23	Lead, Total	ug/L	1	U	1
MW14	09/05/23	Lead, Total	ug/L	1	U	1
MW14	11/27/23	Lead, Total	ug/L	1	U	1

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Manganese, Total	ug/L	2,700		1
G301	05/25/23	Manganese, Total	ug/L	2,800		1
G301	09/12/23	Manganese, Total	ug/L	2,700		1
G301	11/27/23	Manganese, Total	ug/L	2,600		1
MW02	03/13/23	Manganese, Total	ug/L	3,400		1
MW02	05/25/23	Manganese, Total	ug/L	3,200		1
MW02	09/05/23	Manganese, Total	ug/L	3,300		1
MW02	11/27/23	Manganese, Total	ug/L	3,100		1
MW07	03/13/23	Manganese, Total	ug/L	8,600		1
MW07	05/25/23	Manganese, Total	ug/L	8,000		1
MW07	09/05/23	Manganese, Total	ug/L	8,400		1
MW07	11/27/23	Manganese, Total	ug/L	7,800		1
MW08	03/14/23	Manganese, Total	ug/L	2,500		1
MW08	05/25/23	Manganese, Total	ug/L	510		1
MW08	09/12/23	Manganese, Total	ug/L	1,300		1
MW09	03/13/23	Manganese, Total	ug/L	2,300		1
MW09	05/25/23	Manganese, Total	ug/L	2,200		1
MW09	09/05/23	Manganese, Total	ug/L	2,300		1
MW09	11/27/23	Manganese, Total	ug/L	2,100		1
MW14	03/14/23	Manganese, Total	ug/L	3,000		1
MW14	05/25/23	Manganese, Total	ug/L	3,100		1
MW14	09/05/23	Manganese, Total	ug/L	3,700		1
MW14	11/27/23	Manganese, Total	ug/L	3,500		1
G301	03/14/23	Mercury, Total	ug/L	0.2	U	0.2
G301	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
G301	09/12/23	Mercury, Total	ug/L	0.2	U	0.2
G301	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	03/13/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	03/13/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW08	03/14/23	Mercury, Total	ug/L	0.2	U	0.2
MW08	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW08	09/12/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	03/13/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	03/14/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	11/27/23	Mercury, Total	ug/L	0.2	U	0.2

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Nickel, Total	ug/L	5	U	5
G301	05/25/23	Nickel, Total	ug/L	5	U	5
G301	09/12/23	Nickel, Total	ug/L	5	U	5
G301	11/27/23	Nickel, Total	ug/L	5	U	5
MW02	03/13/23	Nickel, Total	ug/L	9		5
MW02	05/25/23	Nickel, Total	ug/L	8.2		5
MW02	09/05/23	Nickel, Total	ug/L	8.3		5
MW02	11/27/23	Nickel, Total	ug/L	6.8		5
MW07	03/13/23	Nickel, Total	ug/L	7.9		5
MW07	05/25/23	Nickel, Total	ug/L	6.9		5
MW07	09/05/23	Nickel, Total	ug/L	8.9		5
MW07	11/27/23	Nickel, Total	ug/L	8.1		5
MW08	03/14/23	Nickel, Total	ug/L	5.3		5
MW08	05/25/23	Nickel, Total	ug/L	5	U	5
MW08	09/12/23	Nickel, Total	ug/L	5	U	5
MW09	03/13/23	Nickel, Total	ug/L	11		5
MW09	05/25/23	Nickel, Total	ug/L	7.9		5
MW09	09/05/23	Nickel, Total	ug/L	9.6		5
MW09	11/27/23	Nickel, Total	ug/L	6		5
MW14	03/14/23	Nickel, Total	ug/L	15		5
MW14	05/25/23	Nickel, Total	ug/L	13		5
MW14	09/05/23	Nickel, Total	ug/L	16		5
MW14	11/27/23	Nickel, Total	ug/L	14		5
G301	03/14/23	N-Nitrate, Total	ug/L	30	U	30
G301	05/25/23	N-Nitrate, Total	ug/L	30	U	30
G301	09/12/23	N-Nitrate, Total	ug/L	30	U	30
G301	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW02	03/13/23	N-Nitrate, Total	ug/L	30	U	30
MW02	05/25/23	N-Nitrate, Total	ug/L	30	U	30
MW02	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW02	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW07	03/13/23	N-Nitrate, Total	ug/L	30	U	30
MW07	05/25/23	N-Nitrate, Total	ug/L	30	U	30
MW07	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW07	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW08	03/14/23	N-Nitrate, Total	ug/L	280		30
MW08	05/25/23	N-Nitrate, Total	ug/L	440		30
MW08	09/12/23	N-Nitrate, Total	ug/L	250		30
MW09	03/13/23	N-Nitrate, Total	ug/L	30	U	30
MW09	05/25/23	N-Nitrate, Total	ug/L	50		30
MW09	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW09	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW14	03/14/23	N-Nitrate, Total	ug/L	30	U	30
MW14	05/25/23	N-Nitrate, Total	ug/L	30	U	30
MW14	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW14	11/27/23	N-Nitrate, Total	ug/L	30	U	30

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Perchlorate	ug/L	1	U	1
G301	05/25/23	Perchlorate	ug/L	1	U	1
G301	09/12/23	Perchlorate	ug/L	1	U	1
G301	11/27/23	Perchlorate	ug/L	1	U	1
MW02	03/13/23	Perchlorate	ug/L	1	U	1
MW02	05/25/23	Perchlorate	ug/L	1	U	1
MW02	09/05/23	Perchlorate	ug/L	1	U	1
MW02	11/27/23	Perchlorate	ug/L	1	U	1
MW07	03/13/23	Perchlorate	ug/L	1	U	1
MW07	05/25/23	Perchlorate	ug/L	1	U	1
MW07	09/05/23	Perchlorate	ug/L	1	U	1
MW07	11/27/23	Perchlorate	ug/L	10	U	10
MW08	03/14/23	Perchlorate	ug/L	1	U	1
MW08	05/25/23	Perchlorate	ug/L	1	U	1
MW08	09/12/23	Perchlorate	ug/L	1	U	1
MW09	03/13/23	Perchlorate	ug/L	1	U	1
MW09	05/25/23	Perchlorate	ug/L	1	U	1
MW09	09/05/23	Perchlorate	ug/L	1	U	1
MW09	11/27/23	Perchlorate	ug/L	10	U	10
MW14	03/14/23	Perchlorate	ug/L	1	U	1
MW14	05/25/23	Perchlorate	ug/L	1	U	1
MW14	09/05/23	Perchlorate	ug/L	1	U	1
MW14	11/27/23	Perchlorate	ug/L	10	U	10
G301	03/14/23	Selenium, Total	ug/L	1	U	1
G301	05/25/23	Selenium, Total	ug/L	1	U	1
G301	09/12/23	Selenium, Total	ug/L	1	U	1
G301	11/27/23	Selenium, Total	ug/L	1	U	1
MW02	03/13/23	Selenium, Total	ug/L	1	U	1
MW02	05/25/23	Selenium, Total	ug/L	1	U	1
MW02	09/05/23	Selenium, Total	ug/L	1	U	1
MW02	11/27/23	Selenium, Total	ug/L	1	U	1
MW07	03/13/23	Selenium, Total	ug/L	1	U	1
MW07	05/25/23	Selenium, Total	ug/L	1	U	1
MW07	09/05/23	Selenium, Total	ug/L	1	U	1
MW07	11/27/23	Selenium, Total	ug/L	1	U	1
MW08	03/14/23	Selenium, Total	ug/L	1	U	1
MW08	05/25/23	Selenium, Total	ug/L	1	U	1
MW08	09/12/23	Selenium, Total	ug/L	1	U	1
MW09	03/13/23	Selenium, Total	ug/L	1	U	1
MW09	05/25/23	Selenium, Total	ug/L	1	U	1
MW09	09/05/23	Selenium, Total	ug/L	1	U	1
MW09	11/27/23	Selenium, Total	ug/L	1	U	1
MW14	03/14/23	Selenium, Total	ug/L	1	U	1
MW14	05/25/23	Selenium, Total	ug/L	1	U	1
MW14	09/05/23	Selenium, Total	ug/L	1	U	1
MW14	11/27/23	Selenium, Total	ug/L	1	U	1

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Silver, Total	ug/L	5	U	5
G301	05/25/23	Silver, Total	ug/L	5	U	5
G301	09/12/23	Silver, Total	ug/L	5	U	5
G301	11/27/23	Silver, Total	ug/L	5	U	5
MW02	03/13/23	Silver, Total	ug/L	5	U	5
MW02	05/25/23	Silver, Total	ug/L	5	U	5
MW02	09/05/23	Silver, Total	ug/L	5	U	5
MW02	11/27/23	Silver, Total	ug/L	5	U	5
MW07	03/13/23	Silver, Total	ug/L	5	U	5
MW07	05/25/23	Silver, Total	ug/L	5	U	5
MW07	09/05/23	Silver, Total	ug/L	5	U	5
MW07	11/27/23	Silver, Total	ug/L	5	U	5
MW08	03/14/23	Silver, Total	ug/L	5	U	5
MW08	05/25/23	Silver, Total	ug/L	5	U	5
MW08	09/12/23	Silver, Total	ug/L	5	U	5
MW09	03/13/23	Silver, Total	ug/L	5	U	5
MW09	05/25/23	Silver, Total	ug/L	5	U	5
MW09	09/05/23	Silver, Total	ug/L	5	U	5
MW09	11/27/23	Silver, Total	ug/L	5	U	5
MW14	03/14/23	Silver, Total	ug/L	5	U	5
MW14	05/25/23	Silver, Total	ug/L	5	U	5
MW14	09/05/23	Silver, Total	ug/L	5	U	5
MW14	11/27/23	Silver, Total	ug/L	5	U	5
G301	03/14/23	Sulfate, Total	ug/L	660,000		100,000
G301	05/25/23	Sulfate, Total	ug/L	740,000		100,000
G301	09/12/23	Sulfate, Total	ug/L	670,000		100,000
G301	11/27/23	Sulfate, Total	ug/L	610,000		100,000
MW02	03/13/23	Sulfate, Total	ug/L	790,000		100,000
MW02	05/25/23	Sulfate, Total	ug/L	810,000		100,000
MW02	09/05/23	Sulfate, Total	ug/L	870,000		100,000
MW02	11/27/23	Sulfate, Total	ug/L	780,000		100,000
MW07	03/13/23	Sulfate, Total	ug/L	1,400,000		250,000
MW07	05/25/23	Sulfate, Total	ug/L	1,400,000		250,000
MW07	09/05/23	Sulfate, Total	ug/L	1,600,000		250,000
MW07	11/27/23	Sulfate, Total	ug/L	1,500,000		250,000
MW08	03/14/23	Sulfate, Total	ug/L	530,000		250,000
MW08	05/25/23	Sulfate, Total	ug/L	520,000		100,000
MW08	09/12/23	Sulfate, Total	ug/L	490,000		100,000
MW09	03/13/23	Sulfate, Total	ug/L	1,300,000		250,000
MW09	05/25/23	Sulfate, Total	ug/L	1,400,000		250,000
MW09	09/05/23	Sulfate, Total	ug/L	1,500,000		250,000
MW09	11/27/23	Sulfate, Total	ug/L	1,300,000		250,000
MW14	03/14/23	Sulfate, Total	ug/L	1,800,000		500,000
MW14	05/25/23	Sulfate, Total	ug/L	1,800,000		250,000
MW14	09/05/23	Sulfate, Total	ug/L	2,100,000		250,000
MW14	11/27/23	Sulfate, Total	ug/L	2,000,000		250,000

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Thallium, Total	ug/L	1	U	1
G301	05/25/23	Thallium, Total	ug/L	1	U	1
G301	09/12/23	Thallium, Total	ug/L	1	U	1
G301	11/27/23	Thallium, Total	ug/L	1	U	1
MW02	03/13/23	Thallium, Total	ug/L	1	U	1
MW02	05/25/23	Thallium, Total	ug/L	1	U	1
MW02	09/05/23	Thallium, Total	ug/L	1	U	1
MW02	11/27/23	Thallium, Total	ug/L	1	U	1
MW07	03/13/23	Thallium, Total	ug/L	1	U	1
MW07	05/25/23	Thallium, Total	ug/L	1	U	1
MW07	09/05/23	Thallium, Total	ug/L	1	U	1
MW07	11/27/23	Thallium, Total	ug/L	1	U	1
MW08	03/14/23	Thallium, Total	ug/L	1	U	1
MW08	05/25/23	Thallium, Total	ug/L	1	U	1
MW08	09/12/23	Thallium, Total	ug/L	1	U	1
MW09	03/13/23	Thallium, Total	ug/L	1	U	1
MW09	05/25/23	Thallium, Total	ug/L	1	U	1
MW09	09/05/23	Thallium, Total	ug/L	1	U	1
MW09	11/27/23	Thallium, Total	ug/L	1	U	1
MW14	03/14/23	Thallium, Total	ug/L	1	U	1
MW14	05/25/23	Thallium, Total	ug/L	1	U	1
MW14	09/05/23	Thallium, Total	ug/L	1	U	1
MW14	11/27/23	Thallium, Total	ug/L	1	U	1
G301	03/14/23	Vanadium, Total	ug/L	5	U	5
G301	05/25/23	Vanadium, Total	ug/L	5	U	5
G301	09/12/23	Vanadium, Total	ug/L	5	U	5
G301	11/27/23	Vanadium, Total	ug/L	5	U	5
MW02	03/13/23	Vanadium, Total	ug/L	5	U	5
MW02	05/25/23	Vanadium, Total	ug/L	5	U	5
MW02	09/05/23	Vanadium, Total	ug/L	5	U	5
MW02	11/27/23	Vanadium, Total	ug/L	5	U	5
MW07	03/13/23	Vanadium, Total	ug/L	5	U	5
MW07	05/25/23	Vanadium, Total	ug/L	5	U	5
MW07	09/05/23	Vanadium, Total	ug/L	5	U	5
MW07	11/27/23	Vanadium, Total	ug/L	5	U	5
MW08	03/14/23	Vanadium, Total	ug/L	5	U	5
MW08	05/25/23	Vanadium, Total	ug/L	5	U	5
MW08	09/12/23	Vanadium, Total	ug/L	5	U	5
MW09	03/13/23	Vanadium, Total	ug/L	5.2		5
MW09	05/25/23	Vanadium, Total	ug/L	5	U	5
MW09	09/05/23	Vanadium, Total	ug/L	5	U	5
MW09	11/27/23	Vanadium, Total	ug/L	5	U	5
MW14	03/14/23	Vanadium, Total	ug/L	5	U	5
MW14	05/25/23	Vanadium, Total	ug/L	5.6		5
MW14	09/05/23	Vanadium, Total	ug/L	5	U	5
MW14	11/27/23	Vanadium, Total	ug/L	5	U	5

Summary of Background Monitoring Results

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Zinc, Total	ug/L	6	U	6
G301	05/25/23	Zinc, Total	ug/L	6	U	6
G301	09/12/23	Zinc, Total	ug/L	6	U	6
G301	11/27/23	Zinc, Total	ug/L	6	U	6
MW02	03/13/23	Zinc, Total	ug/L	6	U	6
MW02	05/25/23	Zinc, Total	ug/L	6	U	6
MW02	09/05/23	Zinc, Total	ug/L	6	U	6
MW02	11/27/23	Zinc, Total	ug/L	6	U	6
MW07	03/13/23	Zinc, Total	ug/L	6	U	6
MW07	05/25/23	Zinc, Total	ug/L	6	U	6
MW07	09/05/23	Zinc, Total	ug/L	6	U	6
MW07	11/27/23	Zinc, Total	ug/L	6	U	6
MW08	03/14/23	Zinc, Total	ug/L	6	U	6
MW08	05/25/23	Zinc, Total	ug/L	6	U	6
MW08	09/12/23	Zinc, Total	ug/L	6	U	6
MW09	03/13/23	Zinc, Total	ug/L	8.7		6
MW09	05/25/23	Zinc, Total	ug/L	6	U	6
MW09	09/05/23	Zinc, Total	ug/L	6	U	6
MW09	11/27/23	Zinc, Total	ug/L	6	U	6
MW14	03/14/23	Zinc, Total	ug/L	6	U	6
MW14	05/25/23	Zinc, Total	ug/L	6	U	6
MW14	09/05/23	Zinc, Total	ug/L	6	U	6
MW14	11/27/23	Zinc, Total	ug/L	6	U	6

Attachment 3

Summary of Background Monitoring Results for Inorganic 35 IAC 620.410 Parameters At
Wells MW02, MW07, MW09, MW14, and G301

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Antimony, Total	ug/L	3	U	3
G301	05/25/23	Antimony, Total	ug/L	3	U	3
G301	09/12/23	Antimony, Total	ug/L	3	U	3
G301	11/27/23	Antimony, Total	ug/L	3	U	3
MW02	03/13/23	Antimony, Total	ug/L	3	U	3
MW02	05/25/23	Antimony, Total	ug/L	3	U	3
MW02	09/05/23	Antimony, Total	ug/L	3	U	3
MW02	11/27/23	Antimony, Total	ug/L	3	U	3
MW07	03/13/23	Antimony, Total	ug/L	3	U	3
MW07	05/25/23	Antimony, Total	ug/L	3	U	3
MW07	09/05/23	Antimony, Total	ug/L	3	U	3
MW07	11/27/23	Antimony, Total	ug/L	3	U	3
MW09	03/13/23	Antimony, Total	ug/L	3	U	3
MW09	05/25/23	Antimony, Total	ug/L	3	U	3
MW09	09/05/23	Antimony, Total	ug/L	3	U	3
MW09	11/27/23	Antimony, Total	ug/L	3	U	3
MW14	03/14/23	Antimony, Total	ug/L	3	U	3
MW14	05/25/23	Antimony, Total	ug/L	3	U	3
MW14	09/05/23	Antimony, Total	ug/L	3	U	3
MW14	11/27/23	Antimony, Total	ug/L	3	U	3
G301	03/14/23	Arsenic, Total	ug/L	3		1
G301	05/25/23	Arsenic, Total	ug/L	4.8		1
G301	09/12/23	Arsenic, Total	ug/L	1	U	1
G301	11/27/23	Arsenic, Total	ug/L	1.7		1
MW02	03/13/23	Arsenic, Total	ug/L	1	U	1
MW02	05/25/23	Arsenic, Total	ug/L	1	U	1
MW02	09/05/23	Arsenic, Total	ug/L	1	U	1
MW02	11/27/23	Arsenic, Total	ug/L	1	U	1
MW07	03/13/23	Arsenic, Total	ug/L	8.9		1
MW07	05/25/23	Arsenic, Total	ug/L	3.6		1
MW07	09/05/23	Arsenic, Total	ug/L	3.6		1
MW07	11/27/23	Arsenic, Total	ug/L	3.1		1
MW09	03/13/23	Arsenic, Total	ug/L	7.2		1
MW09	05/25/23	Arsenic, Total	ug/L	4.9		1
MW09	09/05/23	Arsenic, Total	ug/L	6		1
MW09	11/27/23	Arsenic, Total	ug/L	4.4		1
MW14	03/14/23	Arsenic, Total	ug/L	4		1
MW14	05/25/23	Arsenic, Total	ug/L	3.1		1
MW14	09/05/23	Arsenic, Total	ug/L	1.6		1
MW14	11/27/23	Arsenic, Total	ug/L	1.4		1

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Barium, Total	ug/L	16		1
G301	05/25/23	Barium, Total	ug/L	17		1
G301	09/12/23	Barium, Total	ug/L	15		1
G301	11/27/23	Barium, Total	ug/L	16		1
MW02	03/13/23	Barium, Total	ug/L	19		1
MW02	05/25/23	Barium, Total	ug/L	16		1
MW02	09/05/23	Barium, Total	ug/L	16		1
MW02	11/27/23	Barium, Total	ug/L	17		1
MW07	03/13/23	Barium, Total	ug/L	16		1
MW07	05/25/23	Barium, Total	ug/L	12		1
MW07	09/05/23	Barium, Total	ug/L	16		1
MW07	11/27/23	Barium, Total	ug/L	13		1
MW09	03/13/23	Barium, Total	ug/L	28		1
MW09	05/25/23	Barium, Total	ug/L	13		1
MW09	09/05/23	Barium, Total	ug/L	16		1
MW09	11/27/23	Barium, Total	ug/L	11		1
MW14	03/14/23	Barium, Total	ug/L	19		1
MW14	05/25/23	Barium, Total	ug/L	15		1
MW14	09/05/23	Barium, Total	ug/L	15		1
MW14	11/27/23	Barium, Total	ug/L	13		1
G301	03/14/23	Beryllium, Total	ug/L	1	U	1
G301	05/25/23	Beryllium, Total	ug/L	1	U	1
G301	09/12/23	Beryllium, Total	ug/L	1	U	1
G301	11/27/23	Beryllium, Total	ug/L	1	U	1
MW02	03/13/23	Beryllium, Total	ug/L	1	U	1
MW02	05/25/23	Beryllium, Total	ug/L	1	U	1
MW02	09/05/23	Beryllium, Total	ug/L	1	U	1
MW02	11/27/23	Beryllium, Total	ug/L	1	U	1
MW07	03/13/23	Beryllium, Total	ug/L	1	U	1
MW07	05/25/23	Beryllium, Total	ug/L	1	U	1
MW07	09/05/23	Beryllium, Total	ug/L	1	U	1
MW07	11/27/23	Beryllium, Total	ug/L	1	U	1
MW09	03/13/23	Beryllium, Total	ug/L	1	U	1
MW09	05/25/23	Beryllium, Total	ug/L	1	U	1
MW09	09/05/23	Beryllium, Total	ug/L	1	U	1
MW09	11/27/23	Beryllium, Total	ug/L	1	U	1
MW14	03/14/23	Beryllium, Total	ug/L	1	U	1
MW14	05/25/23	Beryllium, Total	ug/L	1	U	1
MW14	09/05/23	Beryllium, Total	ug/L	1	U	1
MW14	11/27/23	Beryllium, Total	ug/L	1	U	1

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Boron, Total	ug/L	74		10
G301	05/25/23	Boron, Total	ug/L	80		10
G301	09/12/23	Boron, Total	ug/L	72		10
G301	11/27/23	Boron, Total	ug/L	61		10
MW02	03/13/23	Boron, Total	ug/L	580		10
MW02	05/25/23	Boron, Total	ug/L	570		10
MW02	09/05/23	Boron, Total	ug/L	580		10
MW02	11/27/23	Boron, Total	ug/L	570		10
MW07	03/13/23	Boron, Total	ug/L	190		10
MW07	05/25/23	Boron, Total	ug/L	200		10
MW07	09/05/23	Boron, Total	ug/L	200		10
MW07	11/27/23	Boron, Total	ug/L	180		10
MW09	03/13/23	Boron, Total	ug/L	1,700		10
MW09	05/25/23	Boron, Total	ug/L	1,600		10
MW09	09/05/23	Boron, Total	ug/L	1,700		10
MW09	11/27/23	Boron, Total	ug/L	1,700		10
MW14	03/14/23	Boron, Total	ug/L	1,400		10
MW14	05/25/23	Boron, Total	ug/L	1,200		10
MW14	09/05/23	Boron, Total	ug/L	1,100		10
MW14	11/27/23	Boron, Total	ug/L	1,000		10
G301	03/14/23	Cadmium, Total	ug/L	1	U	1
G301	05/25/23	Cadmium, Total	ug/L	1	U	1
G301	09/12/23	Cadmium, Total	ug/L	1	U	1
G301	11/27/23	Cadmium, Total	ug/L	1	U	1
MW02	03/13/23	Cadmium, Total	ug/L	1	U	1
MW02	05/25/23	Cadmium, Total	ug/L	1	U	1
MW02	09/05/23	Cadmium, Total	ug/L	1	U	1
MW02	11/27/23	Cadmium, Total	ug/L	1	U	1
MW07	03/13/23	Cadmium, Total	ug/L	1	U	1
MW07	05/25/23	Cadmium, Total	ug/L	1	U	1
MW07	09/05/23	Cadmium, Total	ug/L	1	U	1
MW07	11/27/23	Cadmium, Total	ug/L	1	U	1
MW09	03/13/23	Cadmium, Total	ug/L	1	U	1
MW09	05/25/23	Cadmium, Total	ug/L	1	U	1
MW09	09/05/23	Cadmium, Total	ug/L	1	U	1
MW09	11/27/23	Cadmium, Total	ug/L	1	U	1
MW14	03/14/23	Cadmium, Total	ug/L	1	U	1
MW14	05/25/23	Cadmium, Total	ug/L	1	U	1
MW14	09/05/23	Cadmium, Total	ug/L	1	U	1
MW14	11/27/23	Cadmium, Total	ug/L	1	U	1

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Chloride, Total	ug/L	1,000	U	1,000
G301	05/25/23	Chloride, Total	ug/L	2,000		1,000
G301	09/12/23	Chloride, Total	ug/L	5,000	U	5,000
G301	11/27/23	Chloride, Total	ug/L	1,700		1,000
MW02	03/13/23	Chloride, Total	ug/L	3,500		1,000
MW02	05/25/23	Chloride, Total	ug/L	3,500		1,000
MW02	09/05/23	Chloride, Total	ug/L	3,900		1,000
MW02	11/27/23	Chloride, Total	ug/L	3,400		1,000
MW07	03/13/23	Chloride, Total	ug/L	4,000		1,000
MW07	05/25/23	Chloride, Total	ug/L	4,300		1,000
MW07	09/05/23	Chloride, Total	ug/L	5,300		1,000
MW07	11/27/23	Chloride, Total	ug/L	4,800		1,000
MW09	03/13/23	Chloride, Total	ug/L	5,800		1,000
MW09	05/25/23	Chloride, Total	ug/L	7,100		5,000
MW09	09/05/23	Chloride, Total	ug/L	7,100		1,000
MW09	11/27/23	Chloride, Total	ug/L	6,300		1,000
MW14	03/14/23	Chloride, Total	ug/L	9,700		5,000
MW14	05/25/23	Chloride, Total	ug/L	9,600		5,000
MW14	09/05/23	Chloride, Total	ug/L	9,800		5,000
MW14	11/27/23	Chloride, Total	ug/L	7,700		5,000
G301	03/14/23	Chromium, Total	ug/L	4	U	4
G301	05/25/23	Chromium, Total	ug/L	4	U	4
G301	09/12/23	Chromium, Total	ug/L	4	U	4
G301	11/27/23	Chromium, Total	ug/L	4	U	4
MW02	03/13/23	Chromium, Total	ug/L	4	U	4
MW02	05/25/23	Chromium, Total	ug/L	4	U	4
MW02	09/05/23	Chromium, Total	ug/L	4	U	4
MW02	11/27/23	Chromium, Total	ug/L	4	U	4
MW07	03/13/23	Chromium, Total	ug/L	4	U	4
MW07	05/25/23	Chromium, Total	ug/L	4	U	4
MW07	09/05/23	Chromium, Total	ug/L	4	U	4
MW07	11/27/23	Chromium, Total	ug/L	4	U	4
MW09	03/13/23	Chromium, Total	ug/L	4	U	4
MW09	05/25/23	Chromium, Total	ug/L	4	U	4
MW09	09/05/23	Chromium, Total	ug/L	4	U	4
MW09	11/27/23	Chromium, Total	ug/L	4	U	4
MW14	03/14/23	Chromium, Total	ug/L	4	U	4
MW14	05/25/23	Chromium, Total	ug/L	4	U	4
MW14	09/05/23	Chromium, Total	ug/L	4	U	4
MW14	11/27/23	Chromium, Total	ug/L	4	U	4

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Cobalt, Total	ug/L	3.7		2
G301	05/25/23	Cobalt, Total	ug/L	3.8		2
G301	09/12/23	Cobalt, Total	ug/L	3.5		2
G301	11/27/23	Cobalt, Total	ug/L	3.6		2
MW02	03/13/23	Cobalt, Total	ug/L	5.9		2
MW02	05/25/23	Cobalt, Total	ug/L	5.3		2
MW02	09/05/23	Cobalt, Total	ug/L	5.3		2
MW02	11/27/23	Cobalt, Total	ug/L	5.3		2
MW07	03/13/23	Cobalt, Total	ug/L	11		2
MW07	05/25/23	Cobalt, Total	ug/L	9.8		2
MW07	09/05/23	Cobalt, Total	ug/L	11		2
MW07	11/27/23	Cobalt, Total	ug/L	11		2
MW09	03/13/23	Cobalt, Total	ug/L	7.8		2
MW09	05/25/23	Cobalt, Total	ug/L	6.7		2
MW09	09/05/23	Cobalt, Total	ug/L	6.5		2
MW09	11/27/23	Cobalt, Total	ug/L	5.9		2
MW14	03/14/23	Cobalt, Total	ug/L	10		2
MW14	05/25/23	Cobalt, Total	ug/L	10		2
MW14	09/05/23	Cobalt, Total	ug/L	12		2
MW14	11/27/23	Cobalt, Total	ug/L	12		2
G301	03/14/23	Copper, Total	ug/L	3	U	3
G301	05/25/23	Copper, Total	ug/L	3	U	3
G301	09/12/23	Copper, Total	ug/L	3	U	3
G301	11/27/23	Copper, Total	ug/L	3	U	3
MW02	03/13/23	Copper, Total	ug/L	3	U	3
MW02	05/25/23	Copper, Total	ug/L	3	U	3
MW02	09/05/23	Copper, Total	ug/L	3	U	3
MW02	11/27/23	Copper, Total	ug/L	3	U	3
MW07	03/13/23	Copper, Total	ug/L	3	U	3
MW07	05/25/23	Copper, Total	ug/L	3	U	3
MW07	09/05/23	Copper, Total	ug/L	3	U	3
MW07	11/27/23	Copper, Total	ug/L	3	U	3
MW09	03/13/23	Copper, Total	ug/L	5.1		3
MW09	05/25/23	Copper, Total	ug/L	3	U	3
MW09	09/05/23	Copper, Total	ug/L	3	U	3
MW09	11/27/23	Copper, Total	ug/L	3	U	3
MW14	03/14/23	Copper, Total	ug/L	3	U	3
MW14	05/25/23	Copper, Total	ug/L	3	U	3
MW14	09/05/23	Copper, Total	ug/L	3	U	3
MW14	11/27/23	Copper, Total	ug/L	3	U	3

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Cyanide, Total	ug/L	5	U	5
G301	05/25/23	Cyanide, Total	ug/L	5	U	5
G301	09/12/23	Cyanide, Total	ug/L	5	U	5
G301	11/27/23	Cyanide, Total	ug/L	5	U	5
MW02	03/13/23	Cyanide, Total	ug/L	5	U	5
MW02	05/25/23	Cyanide, Total	ug/L	5	U	5
MW02	09/05/23	Cyanide, Total	ug/L	5	U	5
MW02	11/27/23	Cyanide, Total	ug/L	5	U	5
MW07	03/13/23	Cyanide, Total	ug/L	5	U	5
MW07	05/25/23	Cyanide, Total	ug/L	5	U	5
MW07	09/05/23	Cyanide, Total	ug/L	5	U	5
MW07	11/27/23	Cyanide, Total	ug/L	5	U	5
MW09	03/13/23	Cyanide, Total	ug/L	5	U	5
MW09	05/25/23	Cyanide, Total	ug/L	5	U	5
MW09	09/05/23	Cyanide, Total	ug/L	5	U	5
MW09	11/27/23	Cyanide, Total	ug/L	5	U	5
MW14	03/14/23	Cyanide, Total	ug/L	5	U	5
MW14	05/25/23	Cyanide, Total	ug/L	5	U	5
MW14	09/05/23	Cyanide, Total	ug/L	5	U	5
MW14	11/27/23	Cyanide, Total	ug/L	5	U	5
G301	03/14/23	Fluoride, Total	ug/L	250	U	250
G301	05/25/23	Fluoride, Total	ug/L	250	U	250
G301	09/12/23	Fluoride, Total	ug/L	250	U	250
G301	11/27/23	Fluoride, Total	ug/L	250	U	250
MW02	03/13/23	Fluoride, Total	ug/L	250	U	250
MW02	05/25/23	Fluoride, Total	ug/L	250	U	250
MW02	09/05/23	Fluoride, Total	ug/L	250	U	250
MW02	11/27/23	Fluoride, Total	ug/L	274		250
MW07	03/13/23	Fluoride, Total	ug/L	250	U	250
MW07	05/25/23	Fluoride, Total	ug/L	410		250
MW07	09/05/23	Fluoride, Total	ug/L	250	U	250
MW07	11/27/23	Fluoride, Total	ug/L	250	U	250
MW09	03/13/23	Fluoride, Total	ug/L	279		250
MW09	05/25/23	Fluoride, Total	ug/L	254		250
MW09	09/05/23	Fluoride, Total	ug/L	285		250
MW09	11/27/23	Fluoride, Total	ug/L	348		250
MW14	03/14/23	Fluoride, Total	ug/L	250	U	250
MW14	05/25/23	Fluoride, Total	ug/L	250	U	250
MW14	09/05/23	Fluoride, Total	ug/L	250	U	250
MW14	11/27/23	Fluoride, Total	ug/L	1,250	U	1,250

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Iron, Total	ug/L	3,200		10
G301	05/25/23	Iron, Total	ug/L	4,100		10
G301	09/12/23	Iron, Total	ug/L	2,600		10
G301	11/27/23	Iron, Total	ug/L	2,800		10
MW02	03/13/23	Iron, Total	ug/L	530		10
MW02	05/25/23	Iron, Total	ug/L	720		10
MW02	09/05/23	Iron, Total	ug/L	300		10
MW02	11/27/23	Iron, Total	ug/L	430		10
MW07	03/13/23	Iron, Total	ug/L	12,000		10
MW07	05/25/23	Iron, Total	ug/L	4,000		10
MW07	09/05/23	Iron, Total	ug/L	5,600		10
MW07	11/27/23	Iron, Total	ug/L	4,100		10
MW09	03/13/23	Iron, Total	ug/L	6,900		10
MW09	05/25/23	Iron, Total	ug/L	2,700		10
MW09	09/05/23	Iron, Total	ug/L	3,800		10
MW09	11/27/23	Iron, Total	ug/L	2,400		10
MW14	03/14/23	Iron, Total	ug/L	4,800		10
MW14	05/25/23	Iron, Total	ug/L	3,600		10
MW14	09/05/23	Iron, Total	ug/L	3,200		10
MW14	11/27/23	Iron, Total	ug/L	2,700		10
G301	03/14/23	Lead, Total	ug/L	1	U	1
G301	05/25/23	Lead, Total	ug/L	1	U	1
G301	09/12/23	Lead, Total	ug/L	1	U	1
G301	11/27/23	Lead, Total	ug/L	1	U	1
MW02	03/13/23	Lead, Total	ug/L	1	U	1
MW02	05/25/23	Lead, Total	ug/L	1	U	1
MW02	09/05/23	Lead, Total	ug/L	1	U	1
MW02	11/27/23	Lead, Total	ug/L	1	U	1
MW07	03/13/23	Lead, Total	ug/L	1	U	1
MW07	05/25/23	Lead, Total	ug/L	1	U	1
MW07	09/05/23	Lead, Total	ug/L	1	U	1
MW07	11/27/23	Lead, Total	ug/L	1	U	1
MW09	03/13/23	Lead, Total	ug/L	1.9		1
MW09	05/25/23	Lead, Total	ug/L	1	U	1
MW09	09/05/23	Lead, Total	ug/L	1	U	1
MW09	11/27/23	Lead, Total	ug/L	1	U	1
MW14	03/14/23	Lead, Total	ug/L	1.2		1
MW14	05/25/23	Lead, Total	ug/L	1	U	1
MW14	09/05/23	Lead, Total	ug/L	1	U	1
MW14	11/27/23	Lead, Total	ug/L	1	U	1

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Manganese, Total	ug/L	2,700		1
G301	05/25/23	Manganese, Total	ug/L	2,800		1
G301	09/12/23	Manganese, Total	ug/L	2,700		1
G301	11/27/23	Manganese, Total	ug/L	2,600		1
MW02	03/13/23	Manganese, Total	ug/L	3,400		1
MW02	05/25/23	Manganese, Total	ug/L	3,200		1
MW02	09/05/23	Manganese, Total	ug/L	3,300		1
MW02	11/27/23	Manganese, Total	ug/L	3,100		1
MW07	03/13/23	Manganese, Total	ug/L	8,600		1
MW07	05/25/23	Manganese, Total	ug/L	8,000		1
MW07	09/05/23	Manganese, Total	ug/L	8,400		1
MW07	11/27/23	Manganese, Total	ug/L	7,800		1
MW09	03/13/23	Manganese, Total	ug/L	2,300		1
MW09	05/25/23	Manganese, Total	ug/L	2,200		1
MW09	09/05/23	Manganese, Total	ug/L	2,300		1
MW09	11/27/23	Manganese, Total	ug/L	2,100		1
MW14	03/14/23	Manganese, Total	ug/L	3,000		1
MW14	05/25/23	Manganese, Total	ug/L	3,100		1
MW14	09/05/23	Manganese, Total	ug/L	3,700		1
MW14	11/27/23	Manganese, Total	ug/L	3,500		1
G301	03/14/23	Mercury, Total	ug/L	0.2	U	0.2
G301	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
G301	09/12/23	Mercury, Total	ug/L	0.2	U	0.2
G301	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	03/13/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW02	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	03/13/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW07	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	03/13/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW09	11/27/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	03/14/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	05/25/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	09/05/23	Mercury, Total	ug/L	0.2	U	0.2
MW14	11/27/23	Mercury, Total	ug/L	0.2	U	0.2

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Nickel, Total	ug/L	5	U	5
G301	05/25/23	Nickel, Total	ug/L	5	U	5
G301	09/12/23	Nickel, Total	ug/L	5	U	5
G301	11/27/23	Nickel, Total	ug/L	5	U	5
MW02	03/13/23	Nickel, Total	ug/L	9		5
MW02	05/25/23	Nickel, Total	ug/L	8.2		5
MW02	09/05/23	Nickel, Total	ug/L	8.3		5
MW02	11/27/23	Nickel, Total	ug/L	6.8		5
MW07	03/13/23	Nickel, Total	ug/L	7.9		5
MW07	05/25/23	Nickel, Total	ug/L	6.9		5
MW07	09/05/23	Nickel, Total	ug/L	8.9		5
MW07	11/27/23	Nickel, Total	ug/L	8.1		5
MW09	03/13/23	Nickel, Total	ug/L	11		5
MW09	05/25/23	Nickel, Total	ug/L	7.9		5
MW09	09/05/23	Nickel, Total	ug/L	9.6		5
MW09	11/27/23	Nickel, Total	ug/L	6		5
MW14	03/14/23	Nickel, Total	ug/L	15		5
MW14	05/25/23	Nickel, Total	ug/L	13		5
MW14	09/05/23	Nickel, Total	ug/L	16		5
MW14	11/27/23	Nickel, Total	ug/L	14		5
G301	03/14/23	N-Nitrate, Total	ug/L	30	U	30
G301	05/25/23	N-Nitrate, Total	ug/L	30	U	30
G301	09/12/23	N-Nitrate, Total	ug/L	30	U	30
G301	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW02	03/13/23	N-Nitrate, Total	ug/L	30	U	30
MW02	05/25/23	N-Nitrate, Total	ug/L	30	U	30
MW02	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW02	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW07	03/13/23	N-Nitrate, Total	ug/L	30	U	30
MW07	05/25/23	N-Nitrate, Total	ug/L	30	U	30
MW07	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW07	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW09	03/13/23	N-Nitrate, Total	ug/L	30	U	30
MW09	05/25/23	N-Nitrate, Total	ug/L	50		30
MW09	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW09	11/27/23	N-Nitrate, Total	ug/L	30	U	30
MW14	03/14/23	N-Nitrate, Total	ug/L	30	U	30
MW14	05/25/23	N-Nitrate, Total	ug/L	30	U	30
MW14	09/05/23	N-Nitrate, Total	ug/L	30	U	30
MW14	11/27/23	N-Nitrate, Total	ug/L	30	U	30

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Perchlorate	ug/L	1	U	1
G301	05/25/23	Perchlorate	ug/L	1	U	1
G301	09/12/23	Perchlorate	ug/L	1	U	1
G301	11/27/23	Perchlorate	ug/L	1	U	1
MW02	03/13/23	Perchlorate	ug/L	1	U	1
MW02	05/25/23	Perchlorate	ug/L	1	U	1
MW02	09/05/23	Perchlorate	ug/L	1	U	1
MW02	11/27/23	Perchlorate	ug/L	1	U	1
MW07	03/13/23	Perchlorate	ug/L	1	U	1
MW07	05/25/23	Perchlorate	ug/L	1	U	1
MW07	09/05/23	Perchlorate	ug/L	1	U	1
MW07	11/27/23	Perchlorate	ug/L	10	U	10
MW09	03/13/23	Perchlorate	ug/L	1	U	1
MW09	05/25/23	Perchlorate	ug/L	1	U	1
MW09	09/05/23	Perchlorate	ug/L	1	U	1
MW09	11/27/23	Perchlorate	ug/L	10	U	10
MW14	03/14/23	Perchlorate	ug/L	1	U	1
MW14	05/25/23	Perchlorate	ug/L	1	U	1
MW14	09/05/23	Perchlorate	ug/L	1	U	1
MW14	11/27/23	Perchlorate	ug/L	10	U	10
G301	03/14/23	Selenium, Total	ug/L	1	U	1
G301	05/25/23	Selenium, Total	ug/L	1	U	1
G301	09/12/23	Selenium, Total	ug/L	1	U	1
G301	11/27/23	Selenium, Total	ug/L	1	U	1
MW02	03/13/23	Selenium, Total	ug/L	1	U	1
MW02	05/25/23	Selenium, Total	ug/L	1	U	1
MW02	09/05/23	Selenium, Total	ug/L	1	U	1
MW02	11/27/23	Selenium, Total	ug/L	1	U	1
MW07	03/13/23	Selenium, Total	ug/L	1	U	1
MW07	05/25/23	Selenium, Total	ug/L	1	U	1
MW07	09/05/23	Selenium, Total	ug/L	1	U	1
MW07	11/27/23	Selenium, Total	ug/L	1	U	1
MW09	03/13/23	Selenium, Total	ug/L	1	U	1
MW09	05/25/23	Selenium, Total	ug/L	1	U	1
MW09	09/05/23	Selenium, Total	ug/L	1	U	1
MW09	11/27/23	Selenium, Total	ug/L	1	U	1
MW14	03/14/23	Selenium, Total	ug/L	1	U	1
MW14	05/25/23	Selenium, Total	ug/L	1	U	1
MW14	09/05/23	Selenium, Total	ug/L	1	U	1
MW14	11/27/23	Selenium, Total	ug/L	1	U	1

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Silver, Total	ug/L	5	U	5
G301	05/25/23	Silver, Total	ug/L	5	U	5
G301	09/12/23	Silver, Total	ug/L	5	U	5
G301	11/27/23	Silver, Total	ug/L	5	U	5
MW02	03/13/23	Silver, Total	ug/L	5	U	5
MW02	05/25/23	Silver, Total	ug/L	5	U	5
MW02	09/05/23	Silver, Total	ug/L	5	U	5
MW02	11/27/23	Silver, Total	ug/L	5	U	5
MW07	03/13/23	Silver, Total	ug/L	5	U	5
MW07	05/25/23	Silver, Total	ug/L	5	U	5
MW07	09/05/23	Silver, Total	ug/L	5	U	5
MW07	11/27/23	Silver, Total	ug/L	5	U	5
MW09	03/13/23	Silver, Total	ug/L	5	U	5
MW09	05/25/23	Silver, Total	ug/L	5	U	5
MW09	09/05/23	Silver, Total	ug/L	5	U	5
MW09	11/27/23	Silver, Total	ug/L	5	U	5
MW14	03/14/23	Silver, Total	ug/L	5	U	5
MW14	05/25/23	Silver, Total	ug/L	5	U	5
MW14	09/05/23	Silver, Total	ug/L	5	U	5
MW14	11/27/23	Silver, Total	ug/L	5	U	5
G301	03/14/23	Sulfate, Total	ug/L	660,000		100,000
G301	05/25/23	Sulfate, Total	ug/L	740,000		100,000
G301	09/12/23	Sulfate, Total	ug/L	670,000		100,000
G301	11/27/23	Sulfate, Total	ug/L	610,000		100,000
MW02	03/13/23	Sulfate, Total	ug/L	790,000		100,000
MW02	05/25/23	Sulfate, Total	ug/L	810,000		100,000
MW02	09/05/23	Sulfate, Total	ug/L	870,000		100,000
MW02	11/27/23	Sulfate, Total	ug/L	780,000		100,000
MW07	03/13/23	Sulfate, Total	ug/L	1,400,000		250,000
MW07	05/25/23	Sulfate, Total	ug/L	1,400,000		250,000
MW07	09/05/23	Sulfate, Total	ug/L	1,600,000		250,000
MW07	11/27/23	Sulfate, Total	ug/L	1,500,000		250,000
MW09	03/13/23	Sulfate, Total	ug/L	1,300,000		250,000
MW09	05/25/23	Sulfate, Total	ug/L	1,400,000		250,000
MW09	09/05/23	Sulfate, Total	ug/L	1,500,000		250,000
MW09	11/27/23	Sulfate, Total	ug/L	1,300,000		250,000
MW14	03/14/23	Sulfate, Total	ug/L	1,800,000		500,000
MW14	05/25/23	Sulfate, Total	ug/L	1,800,000		250,000
MW14	09/05/23	Sulfate, Total	ug/L	2,100,000		250,000
MW14	11/27/23	Sulfate, Total	ug/L	2,000,000		250,000

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Thallium, Total	ug/L	1	U	1
G301	05/25/23	Thallium, Total	ug/L	1	U	1
G301	09/12/23	Thallium, Total	ug/L	1	U	1
G301	11/27/23	Thallium, Total	ug/L	1	U	1
MW02	03/13/23	Thallium, Total	ug/L	1	U	1
MW02	05/25/23	Thallium, Total	ug/L	1	U	1
MW02	09/05/23	Thallium, Total	ug/L	1	U	1
MW02	11/27/23	Thallium, Total	ug/L	1	U	1
MW07	03/13/23	Thallium, Total	ug/L	1	U	1
MW07	05/25/23	Thallium, Total	ug/L	1	U	1
MW07	09/05/23	Thallium, Total	ug/L	1	U	1
MW07	11/27/23	Thallium, Total	ug/L	1	U	1
MW09	03/13/23	Thallium, Total	ug/L	1	U	1
MW09	05/25/23	Thallium, Total	ug/L	1	U	1
MW09	09/05/23	Thallium, Total	ug/L	1	U	1
MW09	11/27/23	Thallium, Total	ug/L	1	U	1
MW14	03/14/23	Thallium, Total	ug/L	1	U	1
MW14	05/25/23	Thallium, Total	ug/L	1	U	1
MW14	09/05/23	Thallium, Total	ug/L	1	U	1
MW14	11/27/23	Thallium, Total	ug/L	1	U	1
G301	03/14/23	Vanadium, Total	ug/L	5	U	5
G301	05/25/23	Vanadium, Total	ug/L	5	U	5
G301	09/12/23	Vanadium, Total	ug/L	5	U	5
G301	11/27/23	Vanadium, Total	ug/L	5	U	5
MW02	03/13/23	Vanadium, Total	ug/L	5	U	5
MW02	05/25/23	Vanadium, Total	ug/L	5	U	5
MW02	09/05/23	Vanadium, Total	ug/L	5	U	5
MW02	11/27/23	Vanadium, Total	ug/L	5	U	5
MW07	03/13/23	Vanadium, Total	ug/L	5	U	5
MW07	05/25/23	Vanadium, Total	ug/L	5	U	5
MW07	09/05/23	Vanadium, Total	ug/L	5	U	5
MW07	11/27/23	Vanadium, Total	ug/L	5	U	5
MW09	03/13/23	Vanadium, Total	ug/L	5.2		5
MW09	05/25/23	Vanadium, Total	ug/L	5	U	5
MW09	09/05/23	Vanadium, Total	ug/L	5	U	5
MW09	11/27/23	Vanadium, Total	ug/L	5	U	5
MW14	03/14/23	Vanadium, Total	ug/L	5	U	5
MW14	05/25/23	Vanadium, Total	ug/L	5.6		5
MW14	09/05/23	Vanadium, Total	ug/L	5	U	5
MW14	11/27/23	Vanadium, Total	ug/L	5	U	5

Summary of Background Monitoring Results Used to Calculate Tolerance Limits

Well Name	Sample Date	Parameter Name	Units	Result	Qualifier	SQL
G301	03/14/23	Zinc, Total	ug/L	6	U	6
G301	05/25/23	Zinc, Total	ug/L	6	U	6
G301	09/12/23	Zinc, Total	ug/L	6	U	6
G301	11/27/23	Zinc, Total	ug/L	6	U	6
MW02	03/13/23	Zinc, Total	ug/L	6	U	6
MW02	05/25/23	Zinc, Total	ug/L	6	U	6
MW02	09/05/23	Zinc, Total	ug/L	6	U	6
MW02	11/27/23	Zinc, Total	ug/L	6	U	6
MW07	03/13/23	Zinc, Total	ug/L	6	U	6
MW07	05/25/23	Zinc, Total	ug/L	6	U	6
MW07	09/05/23	Zinc, Total	ug/L	6	U	6
MW07	11/27/23	Zinc, Total	ug/L	6	U	6
MW09	03/13/23	Zinc, Total	ug/L	8.7		6
MW09	05/25/23	Zinc, Total	ug/L	6	U	6
MW09	09/05/23	Zinc, Total	ug/L	6	U	6
MW09	11/27/23	Zinc, Total	ug/L	6	U	6
MW14	03/14/23	Zinc, Total	ug/L	6	U	6
MW14	05/25/23	Zinc, Total	ug/L	6	U	6
MW14	09/05/23	Zinc, Total	ug/L	6	U	6
MW14	11/27/23	Zinc, Total	ug/L	6	U	6

Attachment 4

Sanitas Report Detailing Tolerance Limit Calculations

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: Antimony Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric

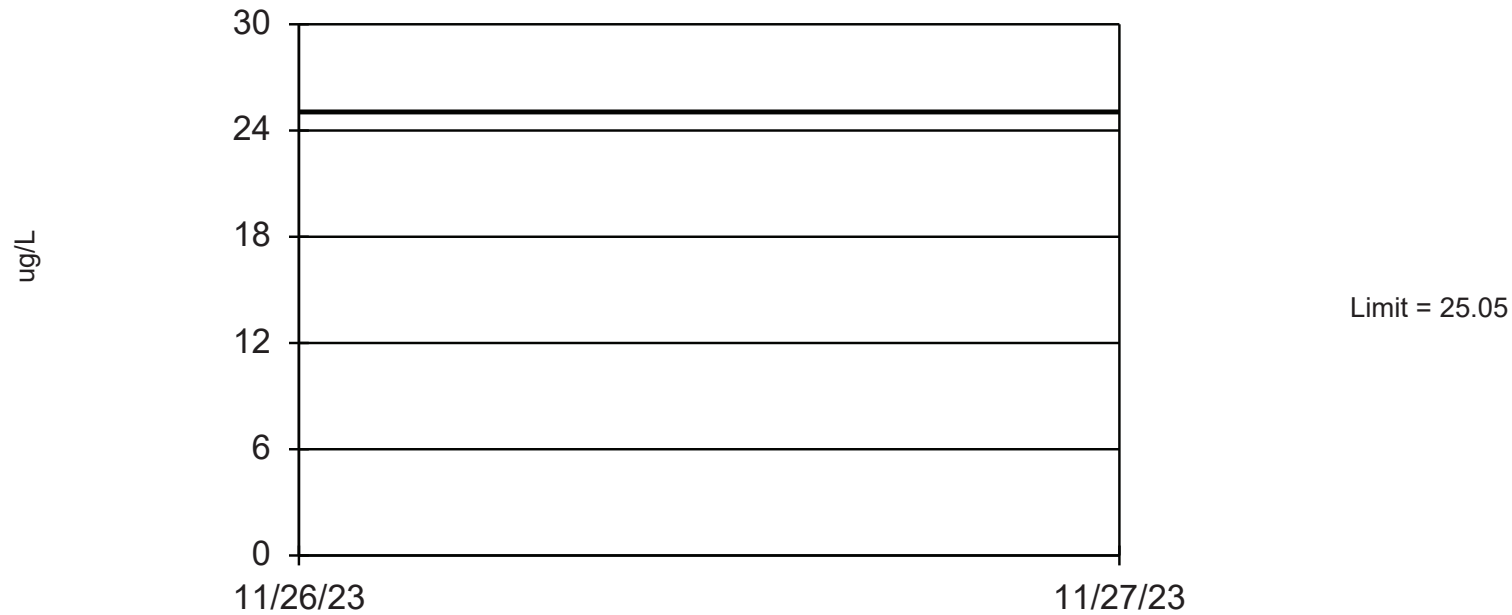


95% coverage. Background Data Summary (after Cohen's Adjustment): Mean=2.892, Std. Dev.=2.83, n=20, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9168, critical = 0.868. Report alpha = 0.05.

Constituent: Arsenic Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric



95% coverage. Background Data Summary (based on natural log transformation): Mean=2.75, Std. Dev.=0.1966, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8894, critical = 0.868. Report alpha = 0.05.

Constituent: Barium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

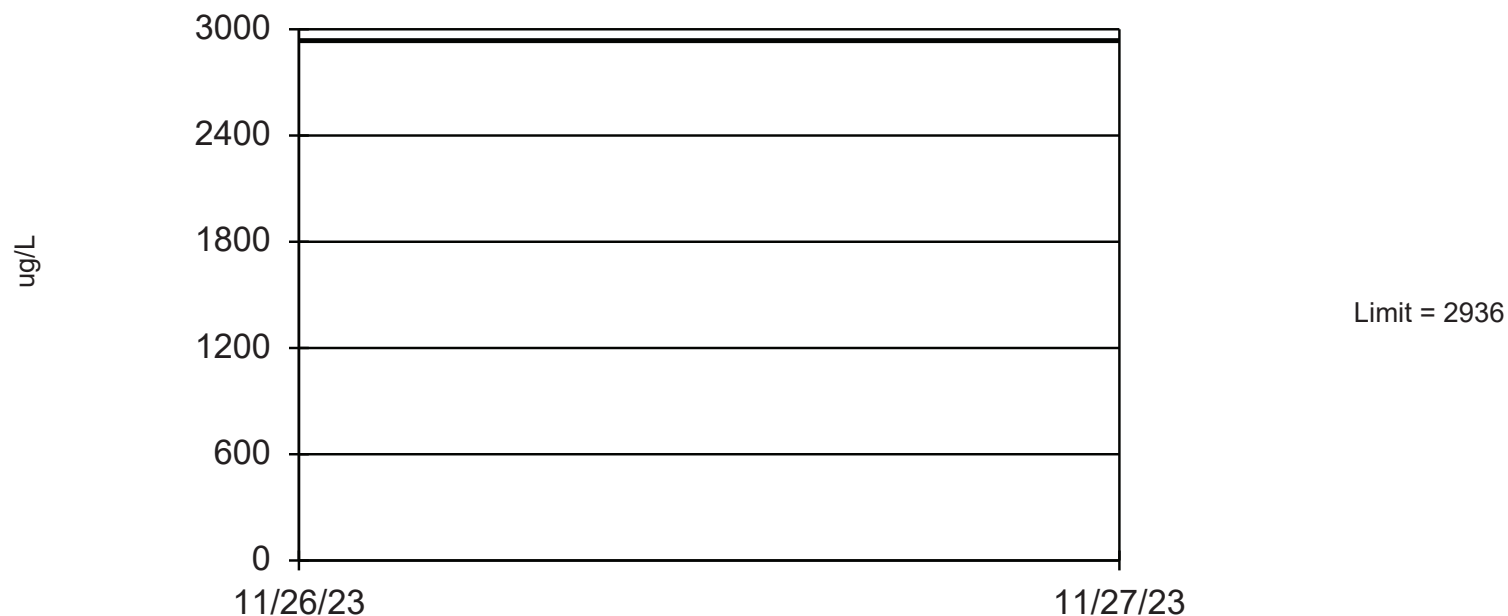


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: Beryllium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric



95% coverage. Background Data Summary (based on square root transformation): Mean=24.29, Std. Dev.=12.48, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.886, critical = 0.868. Report alpha = 0.05.

Constituent: Boron Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: Cadmium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric



95% coverage. Background Data Summary: Mean=5125, Std. Dev.=2721, n=20, 10% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9547, critical = 0.868. Report alpha = 0.05.

Constituent: Chloride Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

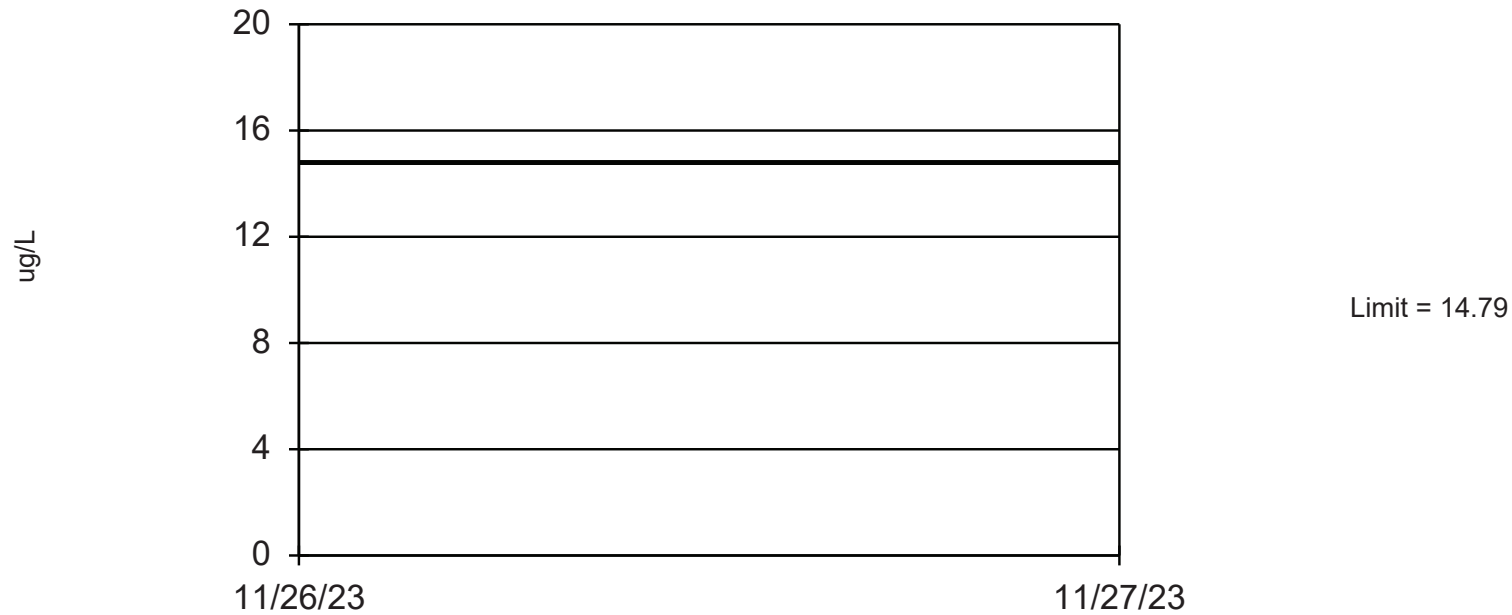


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Chromium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric

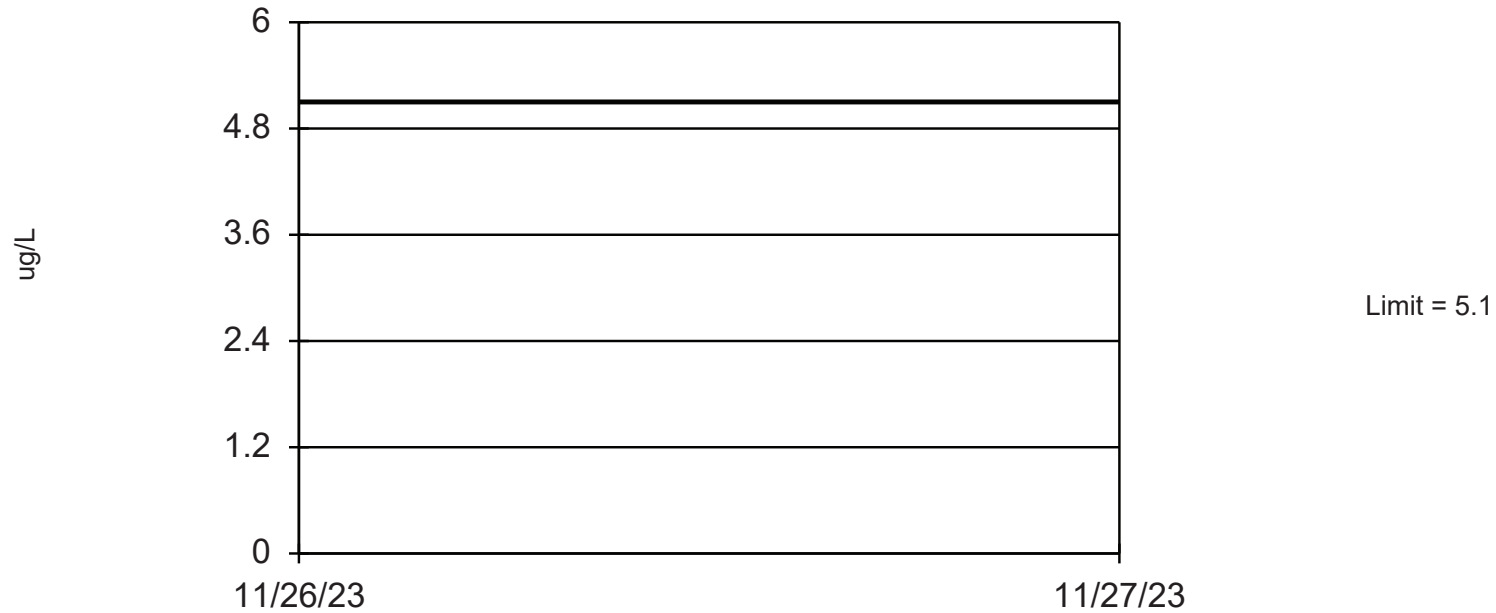


95% coverage. Background Data Summary: Mean=7.505, Std. Dev.=3.041, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8918, critical = 0.868. Report alpha = 0.05.

Constituent: Cobalt Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Copper Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

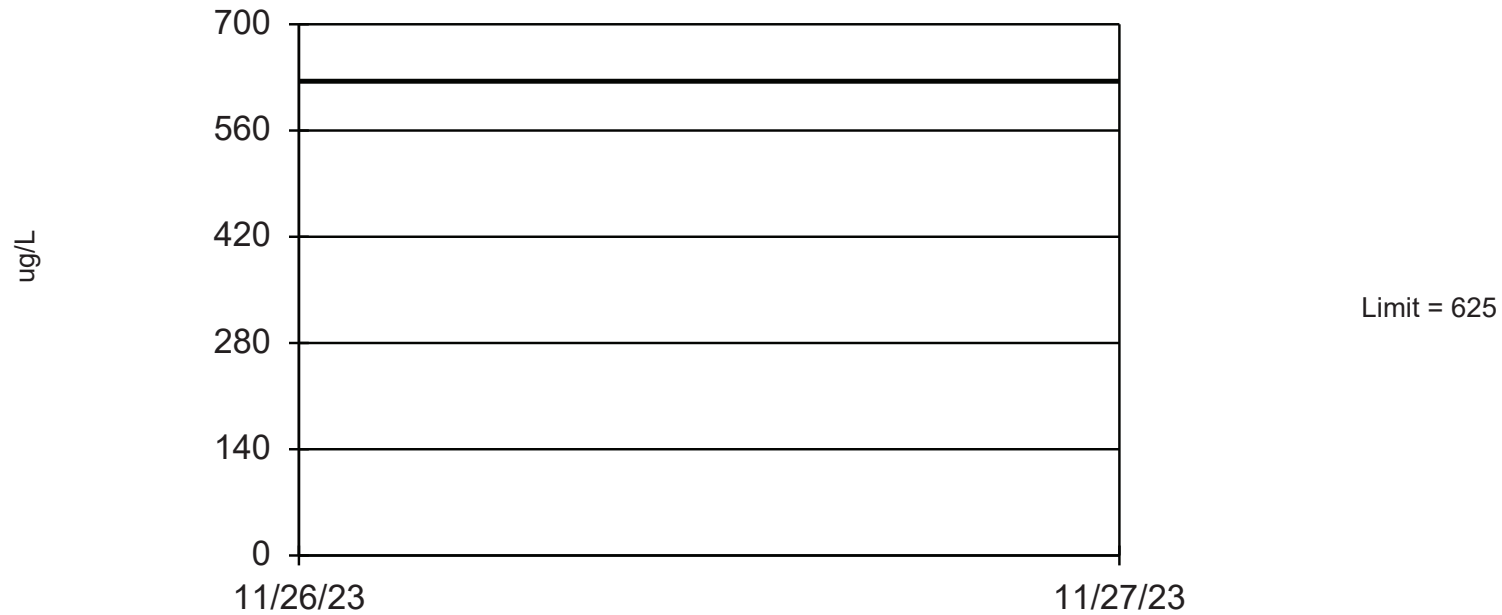


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: Cyanide Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Fluoride Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric

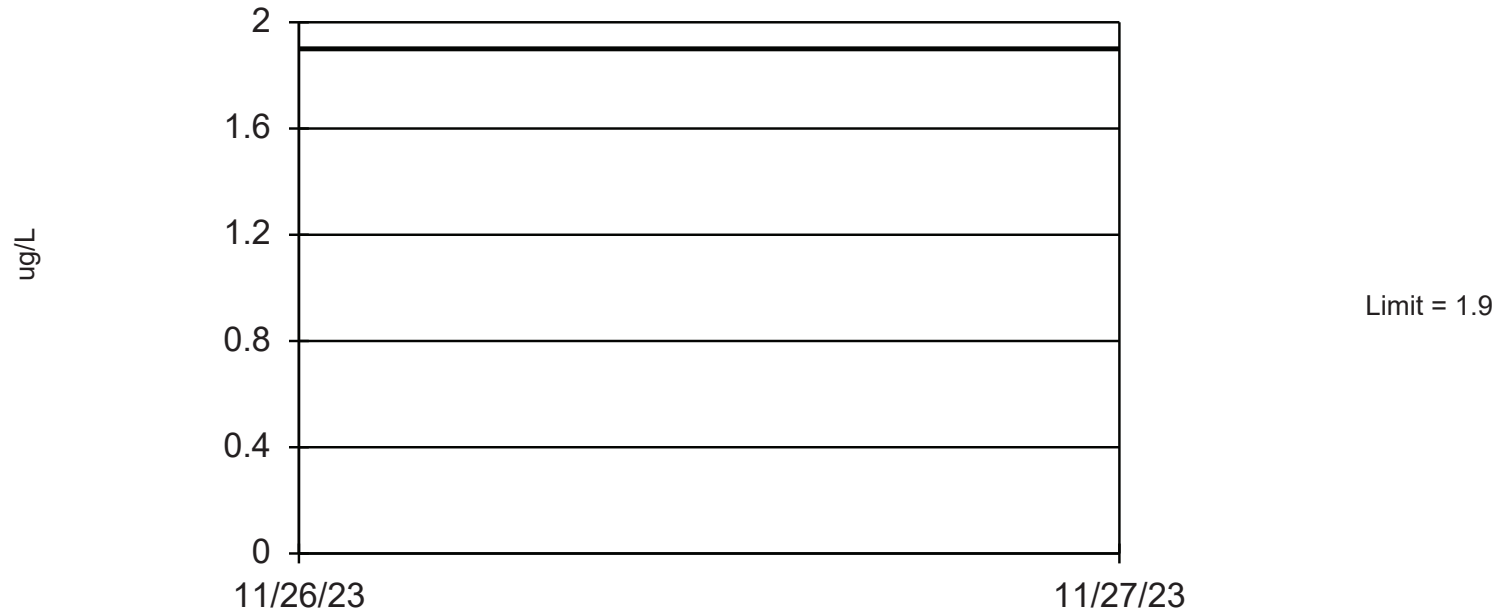


95% coverage. Background Data Summary (based on square root transformation): Mean=55.38, Std. Dev.=21.94, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.868. Report alpha = 0.05.

Constituent: Iron Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

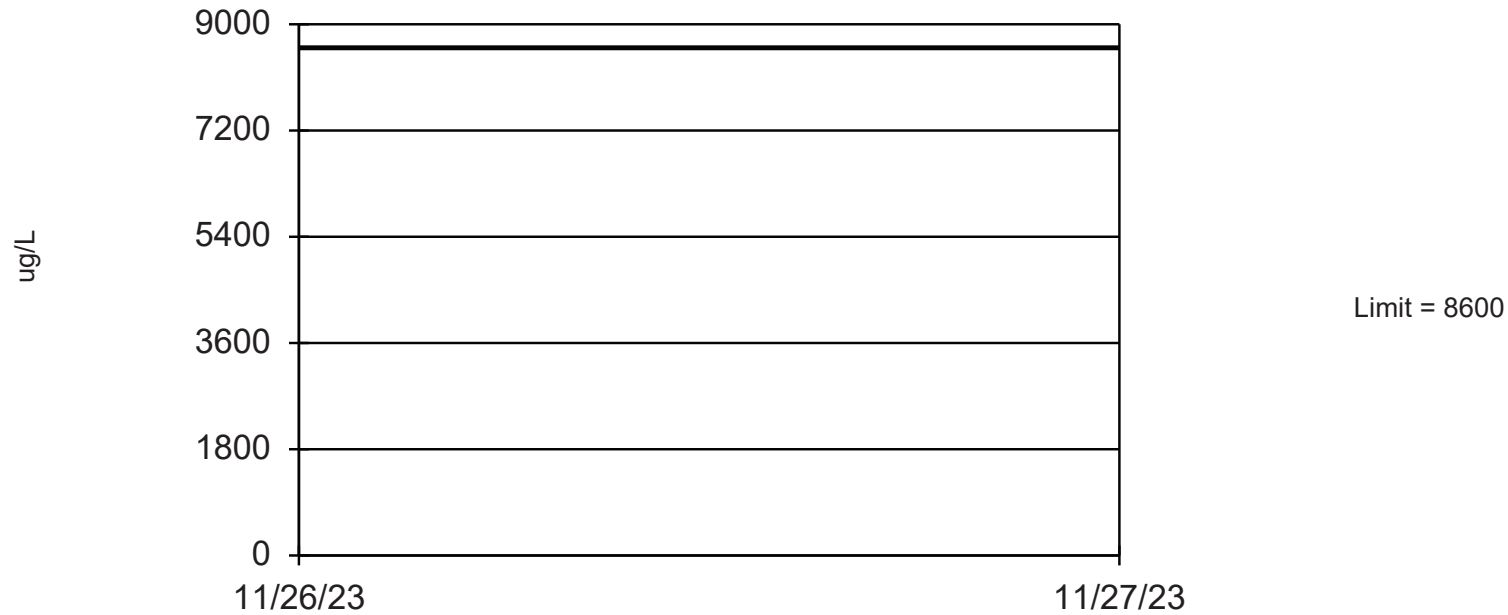


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Lead Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

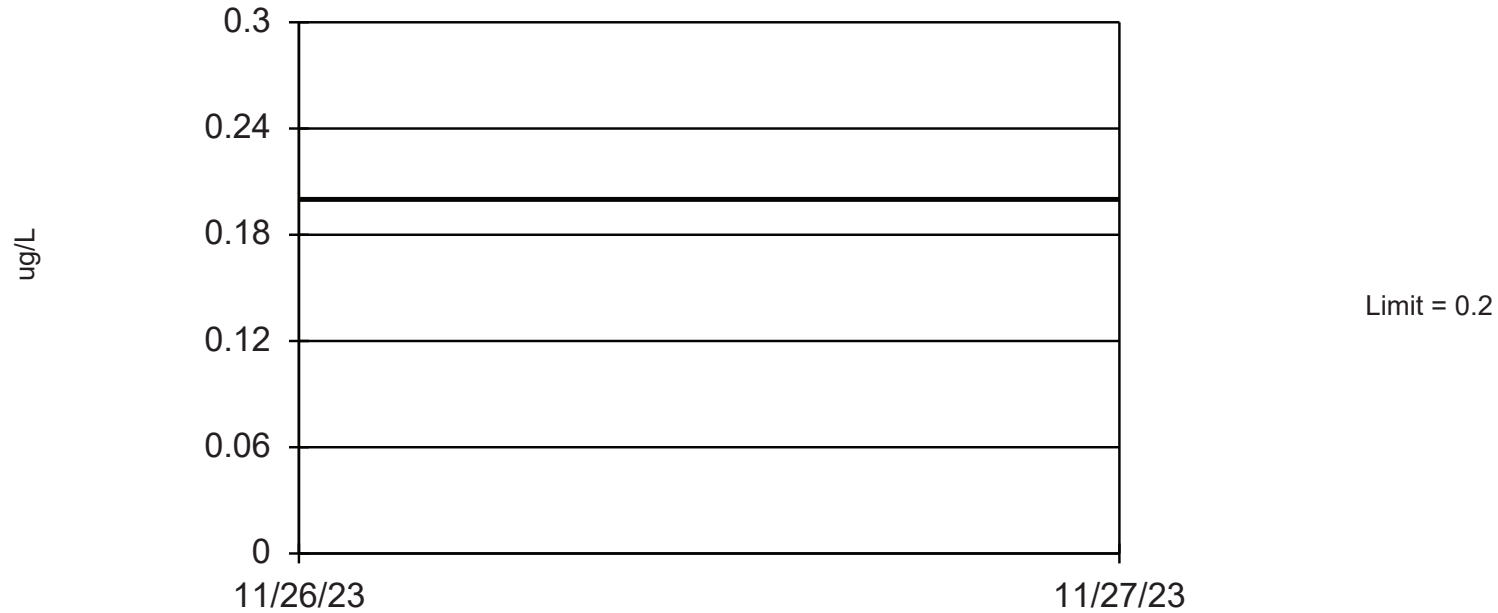


Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Manganese Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

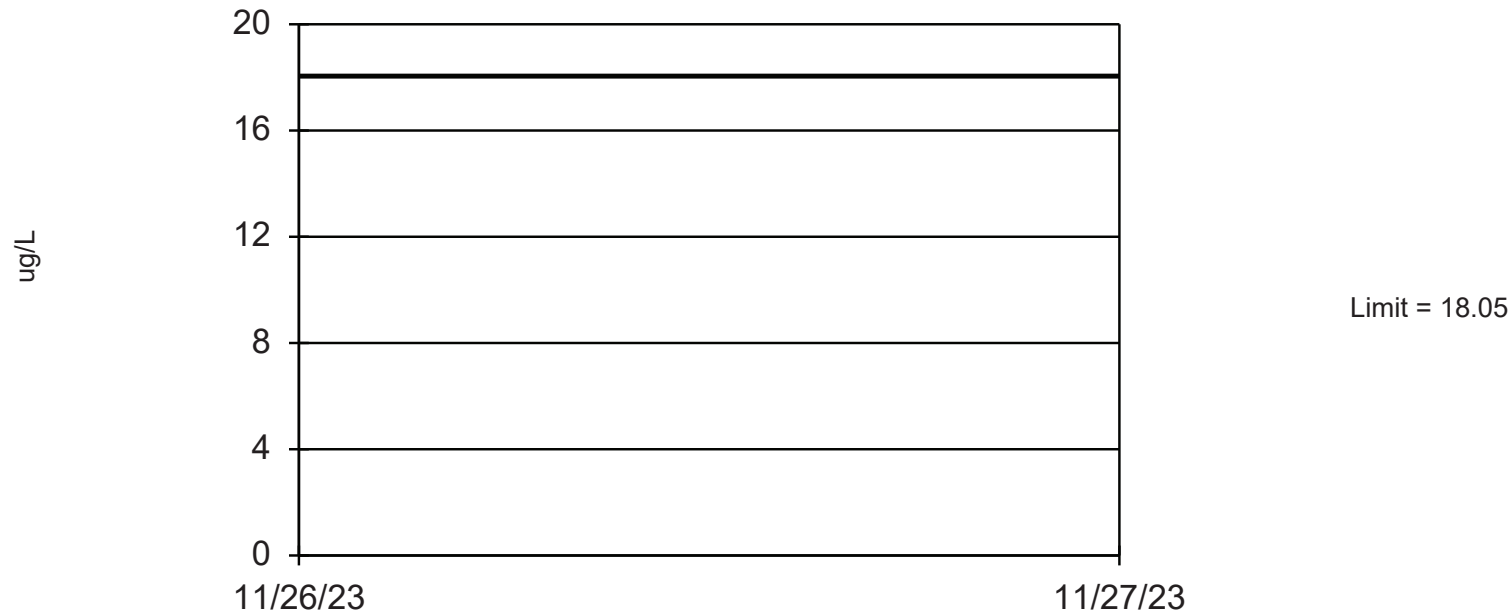


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Mercury Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric

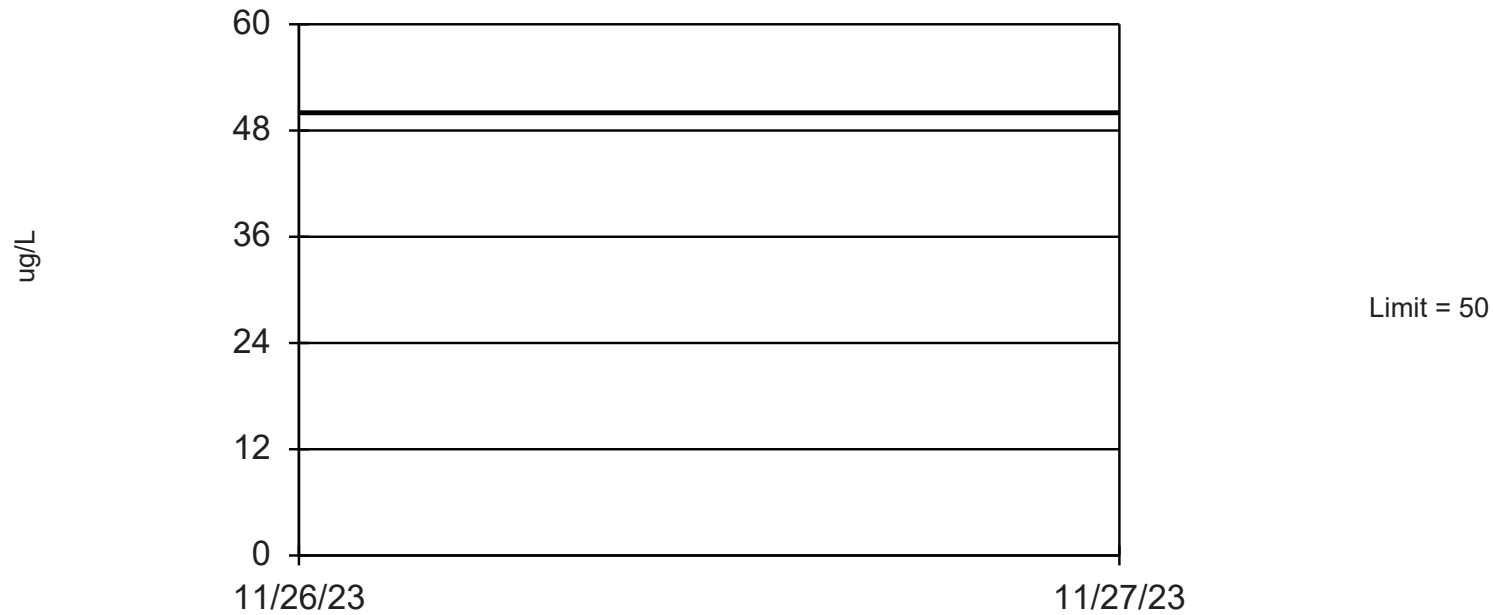


95% coverage. Background Data Summary (after Cohen's Adjustment): Mean=8.379, Std. Dev.=4.035, n=20, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9301, critical = 0.868. Report alpha = 0.05.

Constituent: Nickel Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: N-Nitrate Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Perchlorate Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Selenium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: Silver Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Parametric



95% coverage. Background Data Summary: Mean=1251500, Std. Dev.=477640, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.916, critical = 0.868. Report alpha = 0.05.

Constituent: Sulfate Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

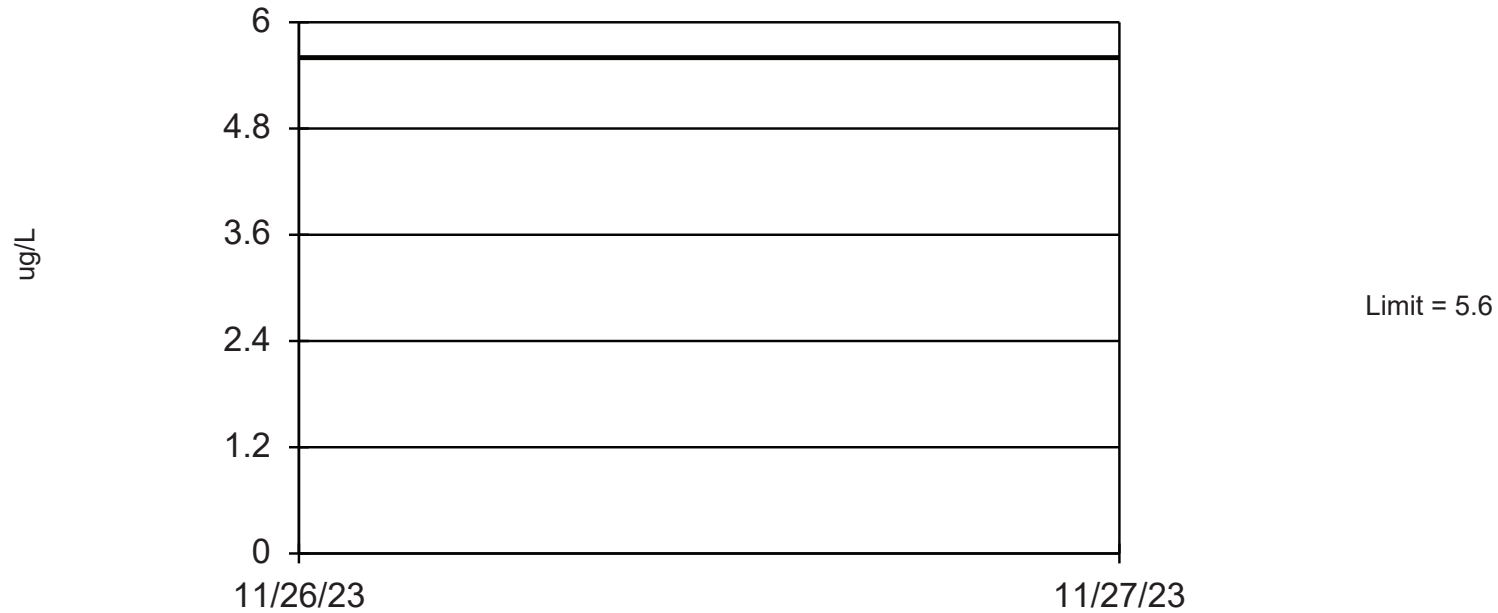


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 79.49% coverage at $\alpha=0.01$; 86.13% coverage at $\alpha=0.05$; 96.68% coverage at $\alpha=0.5$. Report $\alpha = 0.3585$.

Constituent: Thallium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric

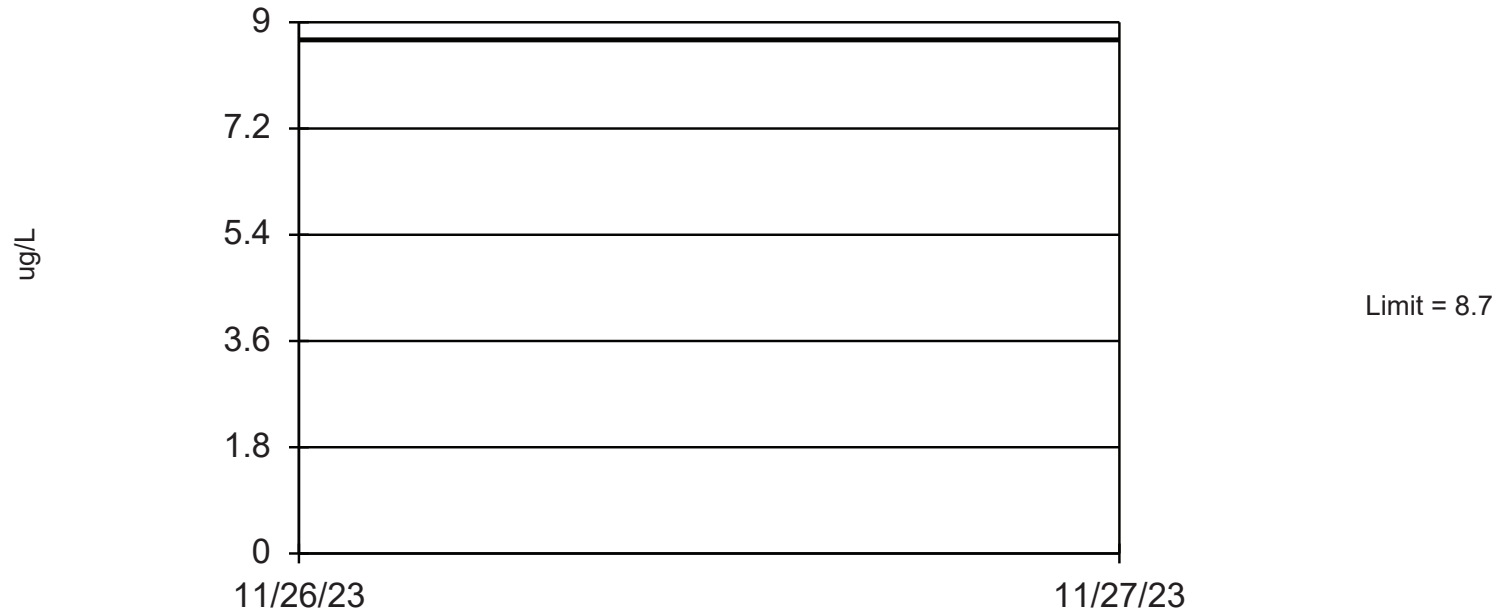


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Vanadium Total Analysis Run 1/11/2024 11:43 AM

Client: EIL Data: PCC3 02 2024-01-11 01

Tolerance Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. 79.49% coverage at alpha=0.01; 86.13% coverage at alpha=0.05; 96.68% coverage at alpha=0.5. Report alpha = 0.3585.

Constituent: Zinc Total Analysis Run 1/11/2024 11:43 AM

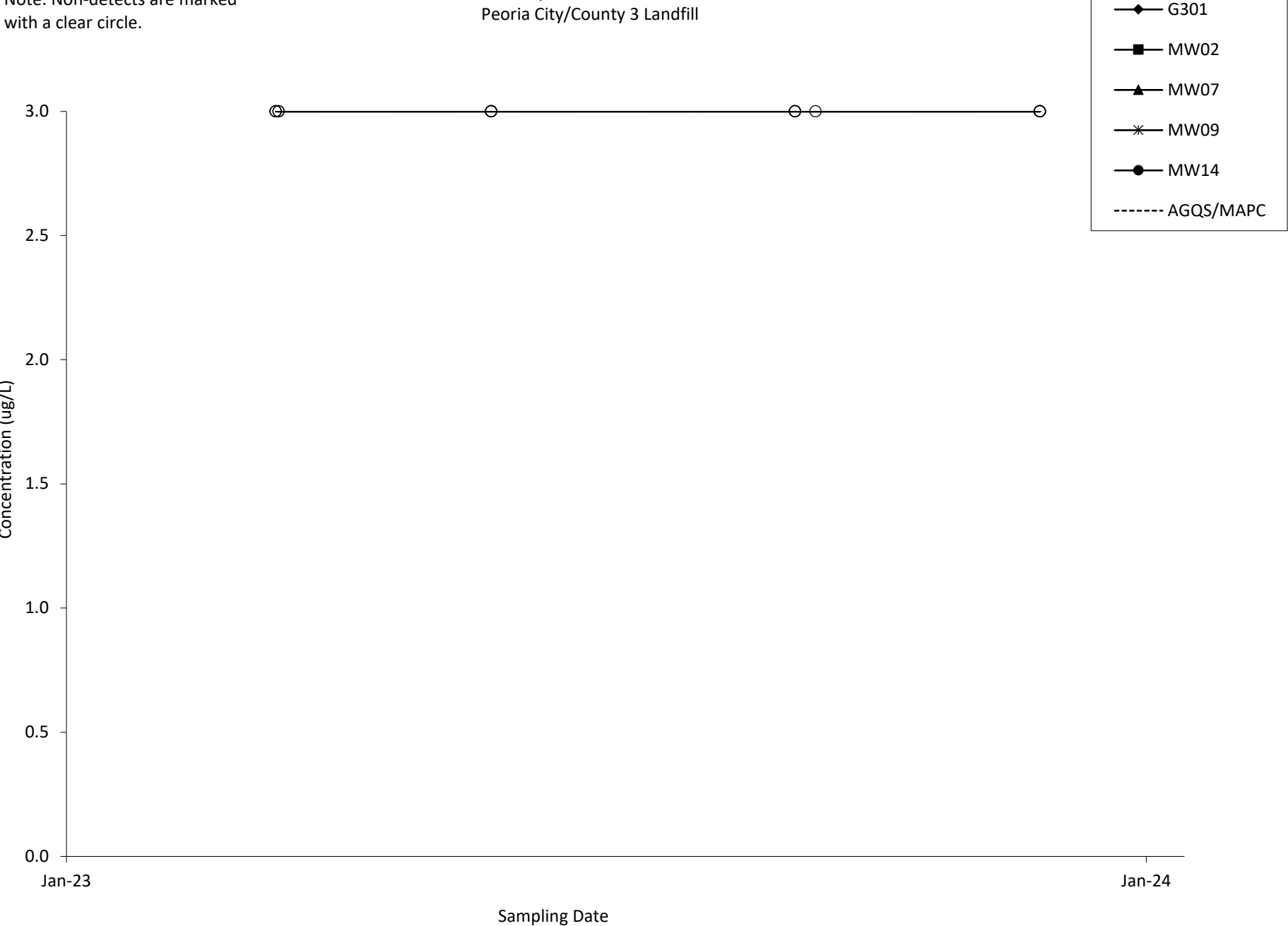
Client: EIL Data: PCC3 02 2024-01-11 01

Attachment 5

Time Series Analyses Showing Background Monitoring Results and Proposed AGQs

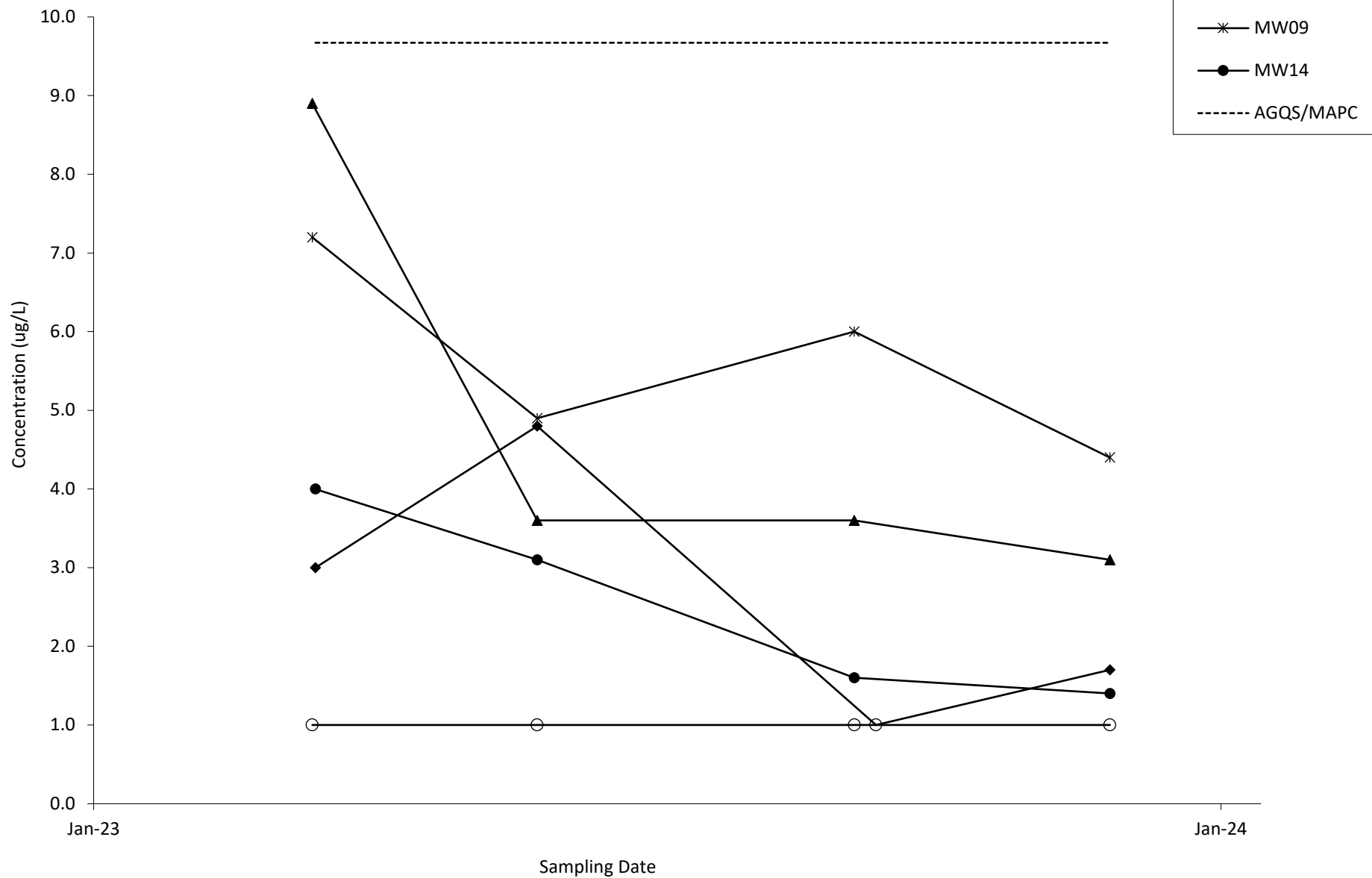
Note: Non-detects are marked with a clear circle.

Antimony, Total in Select Wells
Peoria City/County 3 Landfill



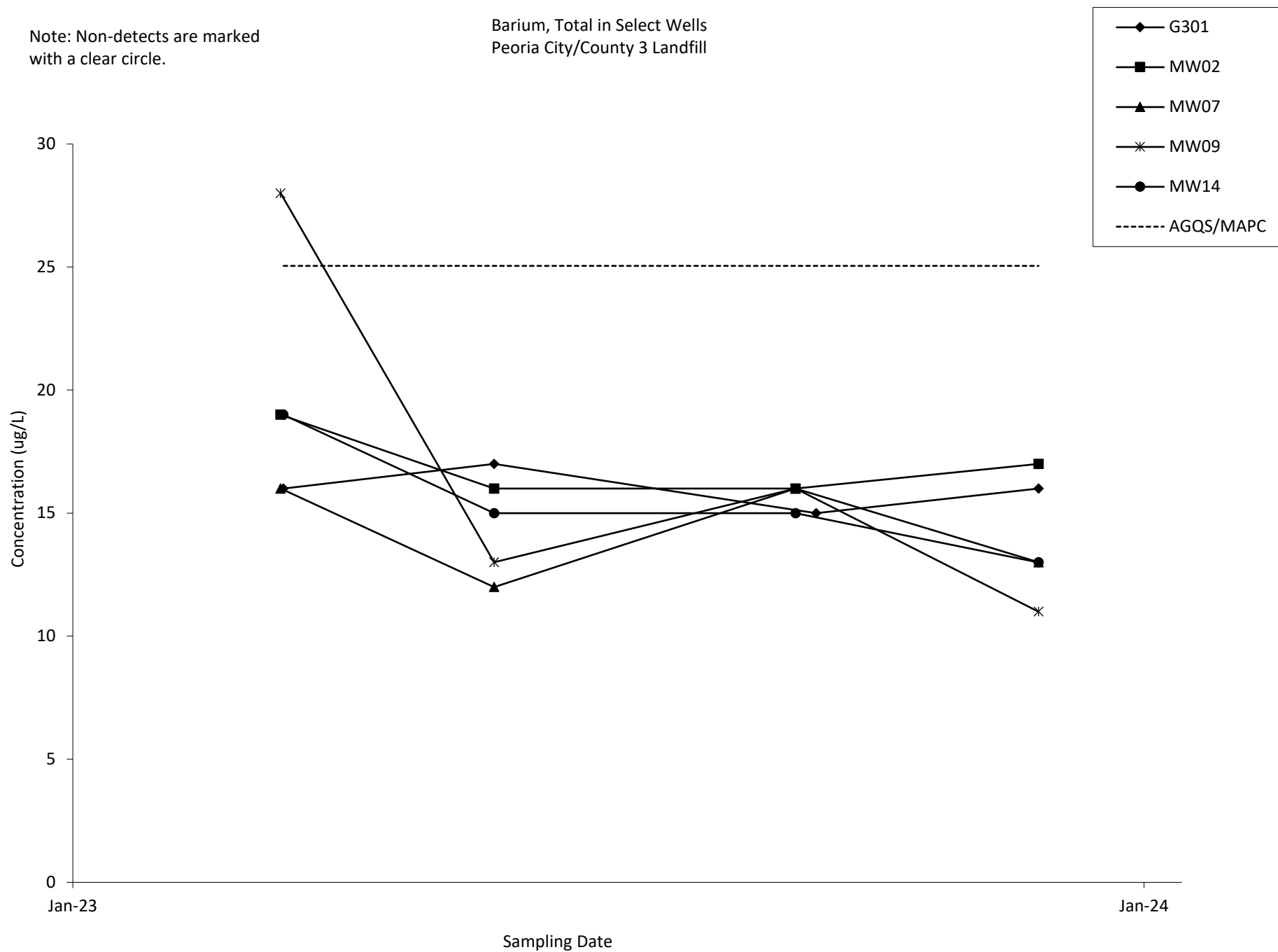
Note: Non-detects are marked with a clear circle.

Arsenic, Total in Select Wells
Peoria City/County 3 Landfill



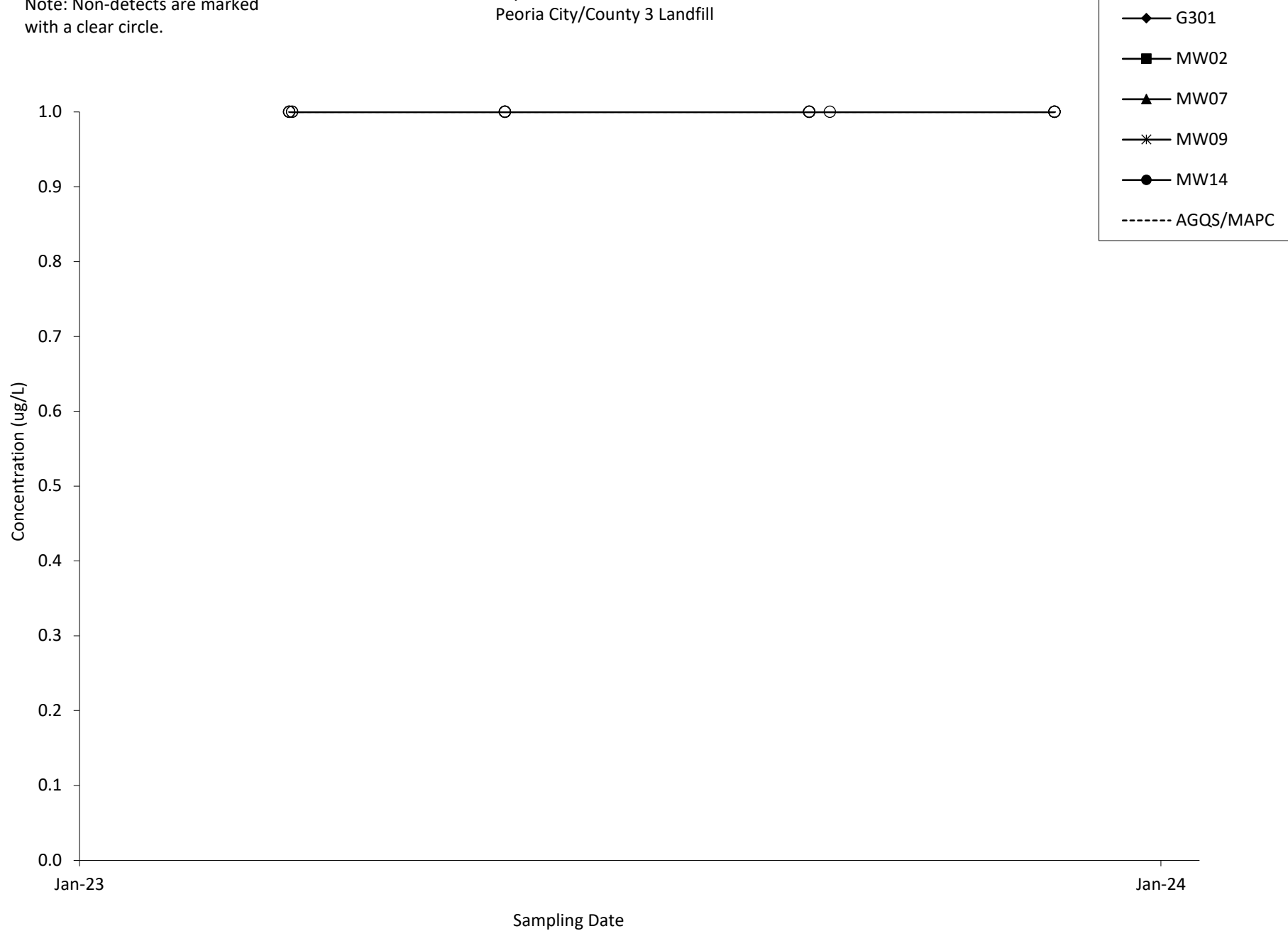
Note: Non-detects are marked with a clear circle.

Barium, Total in Select Wells
Peoria City/County 3 Landfill



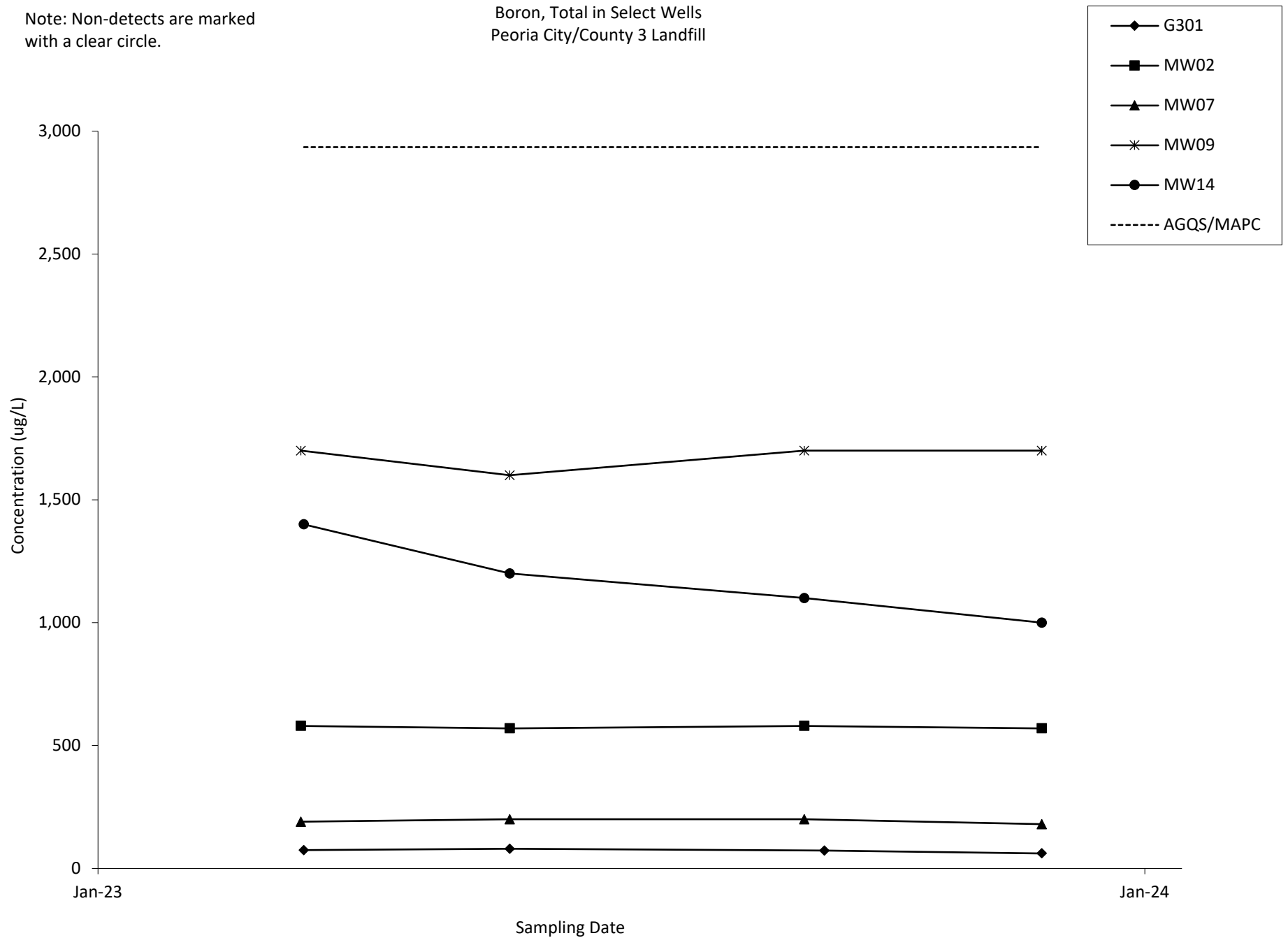
Note: Non-detects are marked with a clear circle.

Beryllium, Total in Select Wells
Peoria City/County 3 Landfill



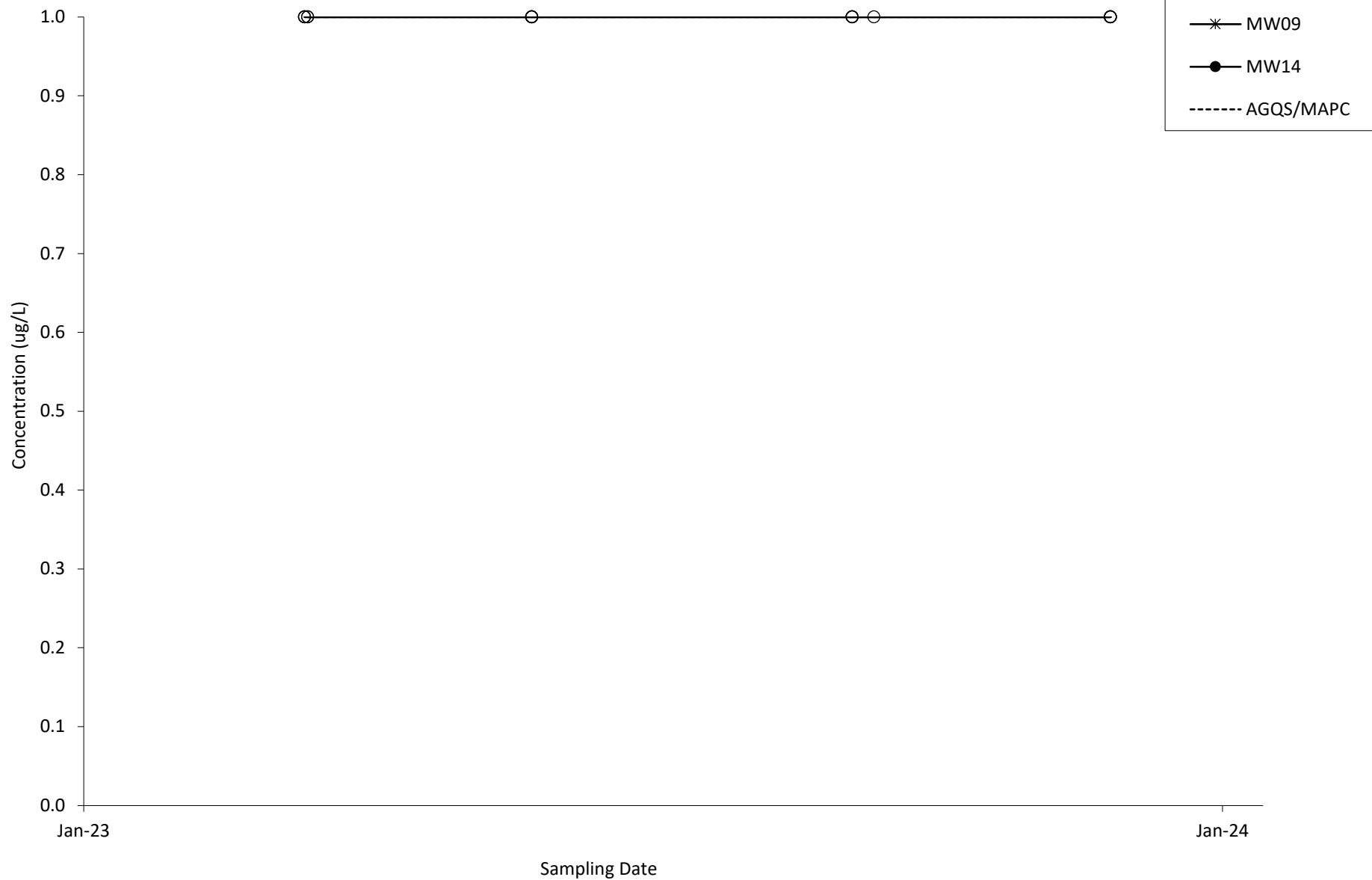
Note: Non-detects are marked with a clear circle.

Boron, Total in Select Wells
Peoria City/County 3 Landfill



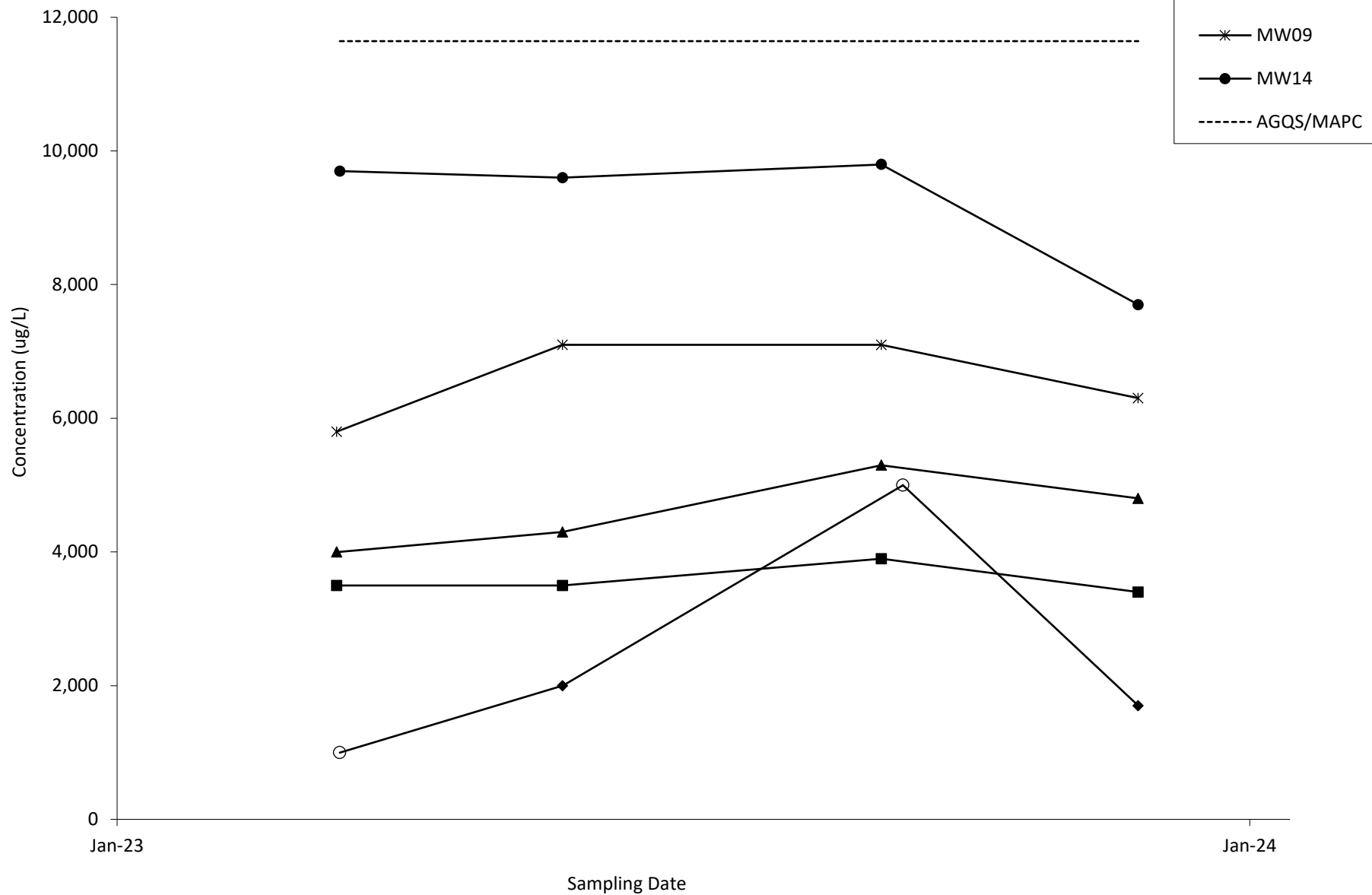
Note: Non-detects are marked with a clear circle.

Cadmium, Total in Select Wells
Peoria City/County 3 Landfill



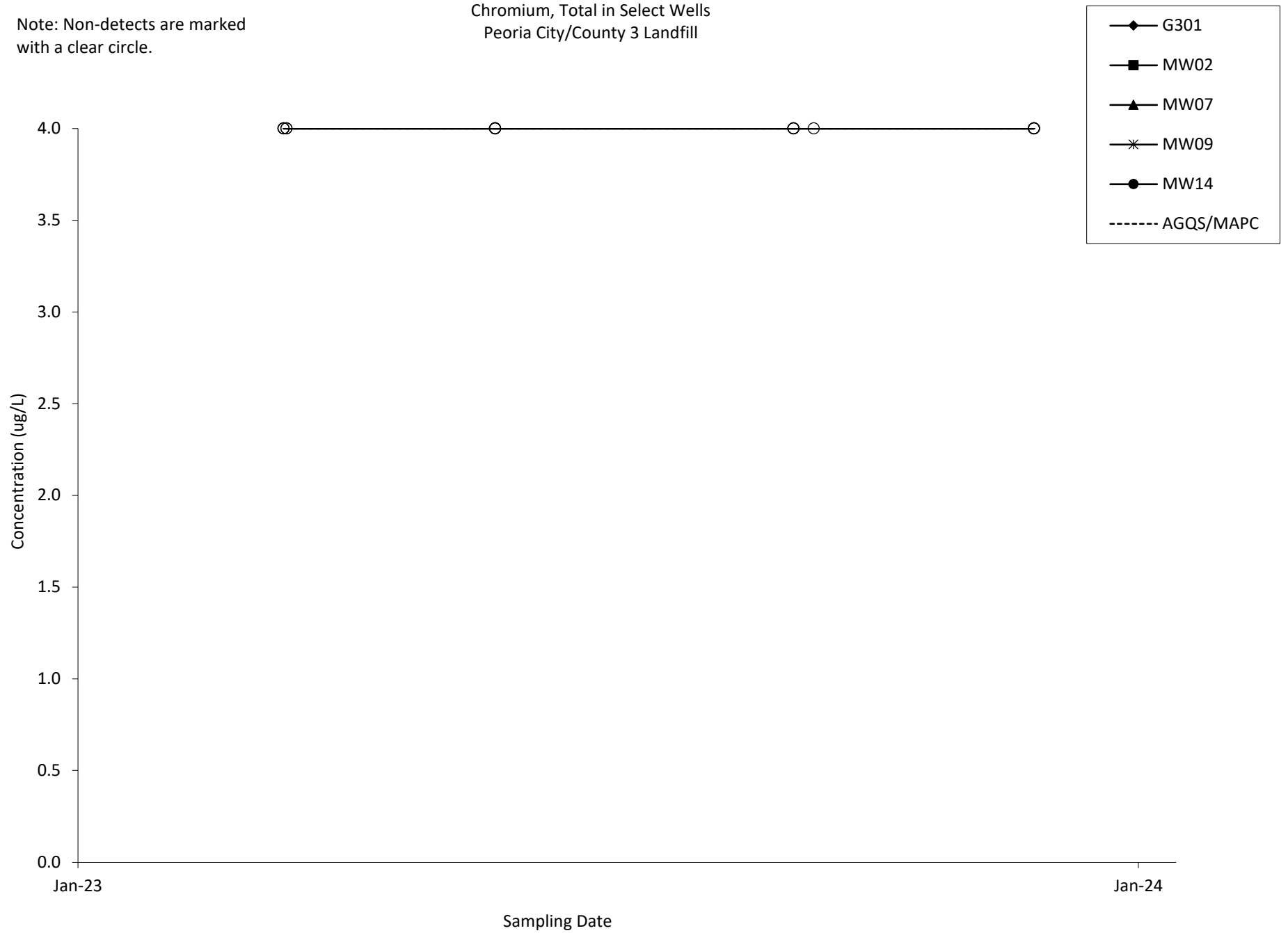
Note: Non-detects are marked with a clear circle.

Chloride, Total in Select Wells
Peoria City/County 3 Landfill



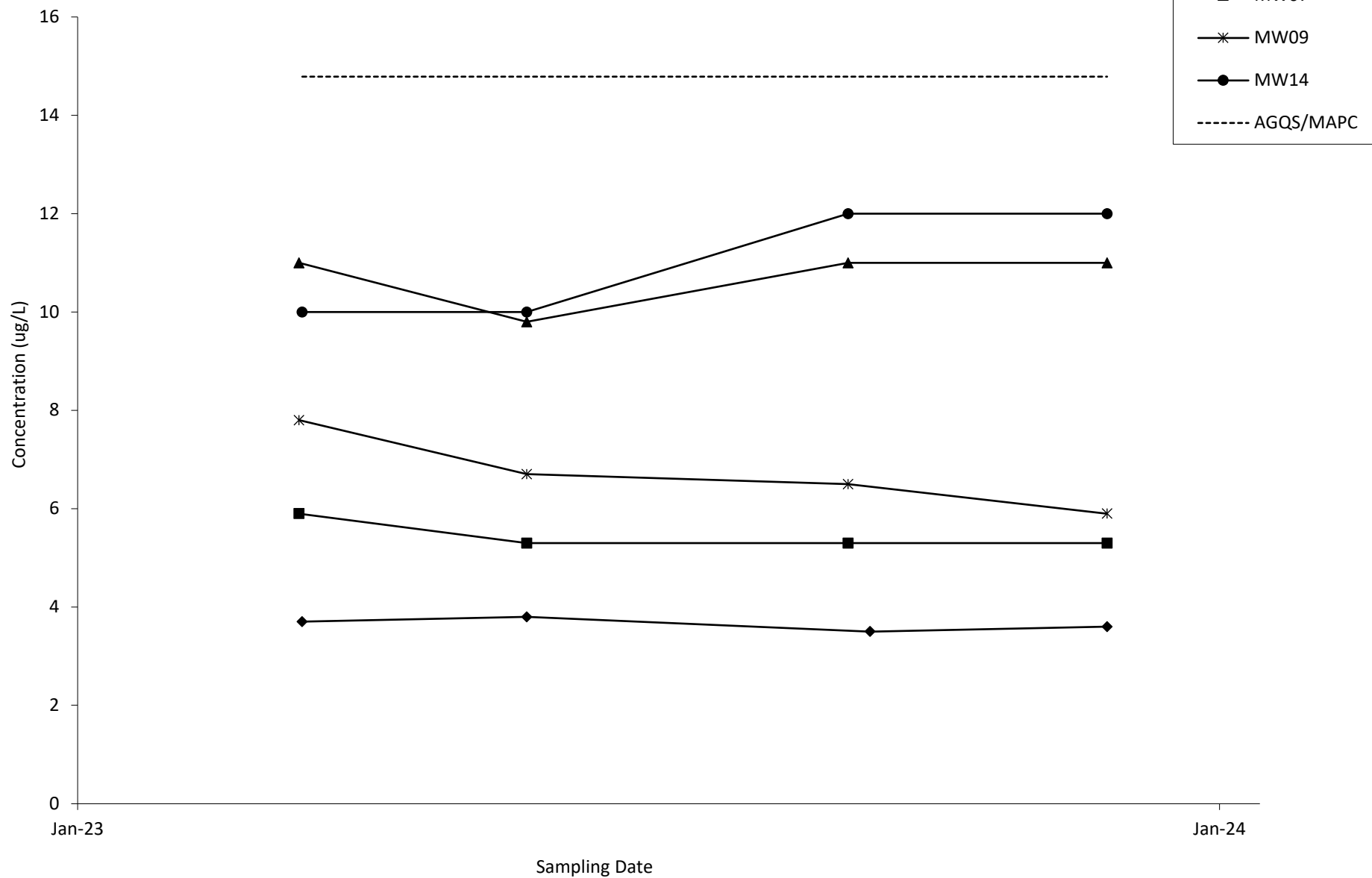
Note: Non-detects are marked with a clear circle.

Chromium, Total in Select Wells
Peoria City/County 3 Landfill



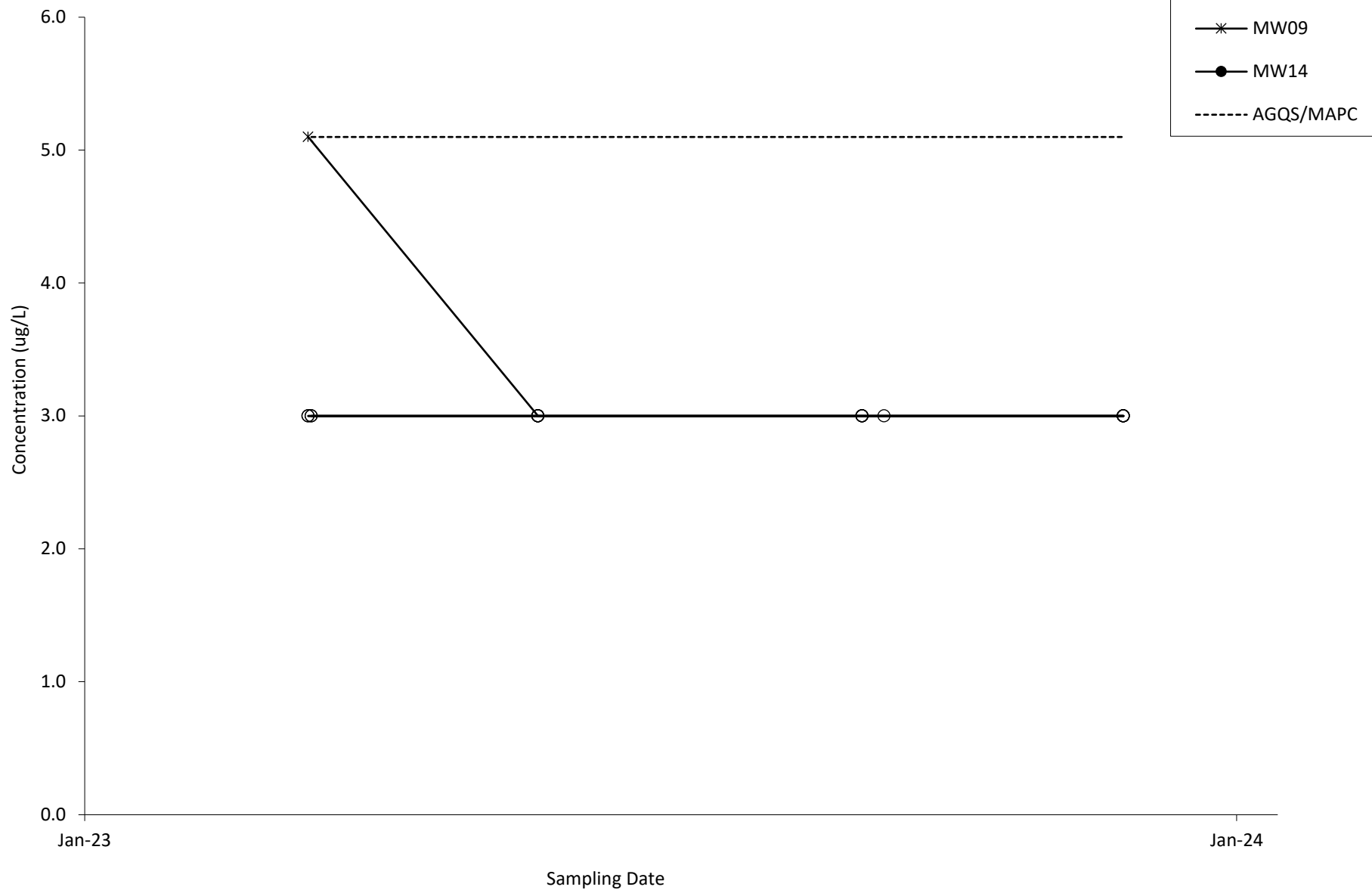
Note: Non-detects are marked with a clear circle.

Cobalt, Total in Select Wells
Peoria City/County 3 Landfill



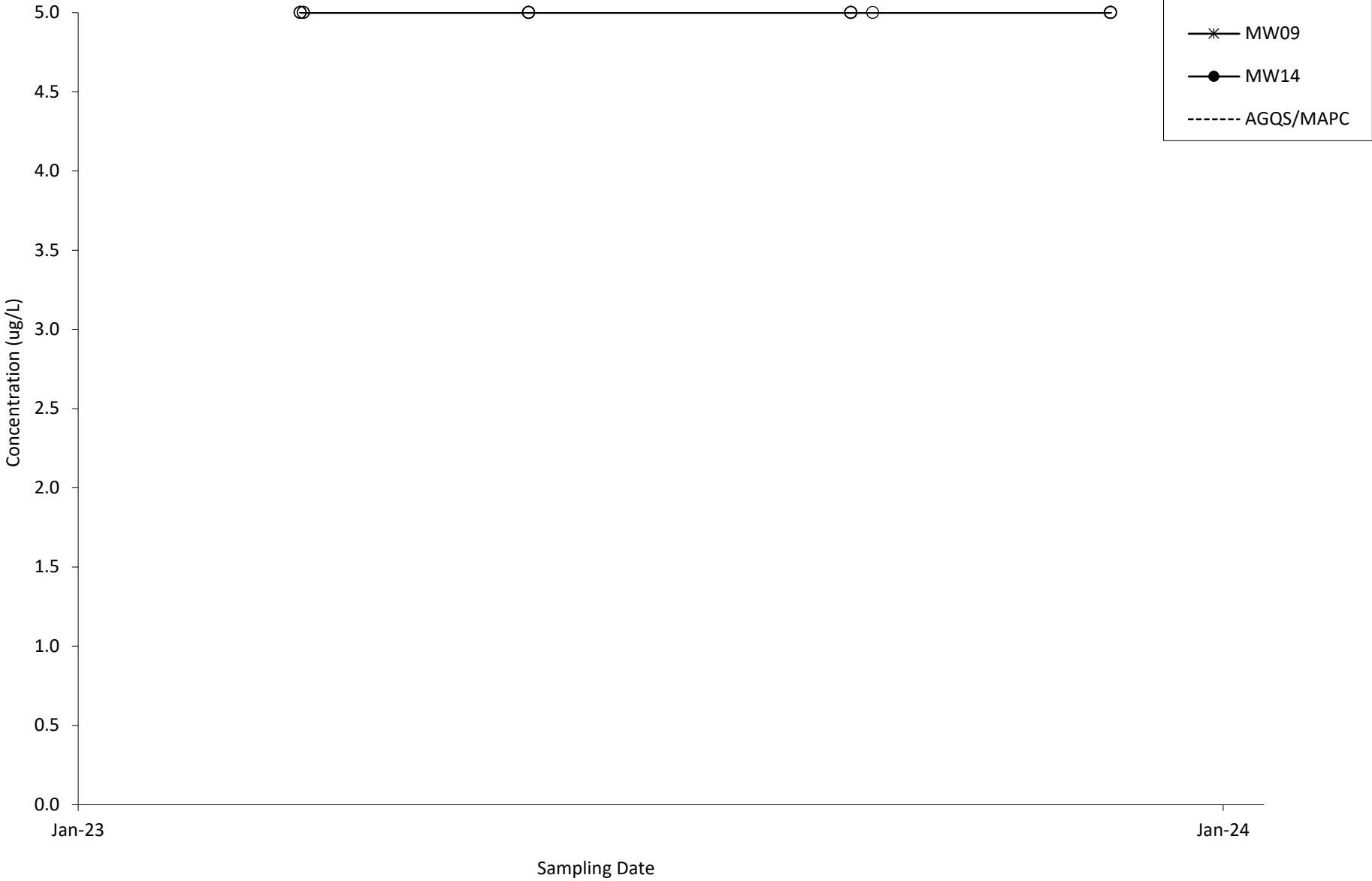
Note: Non-detects are marked with a clear circle.

Copper, Total in Select Wells Peoria City/County 3 Landfill



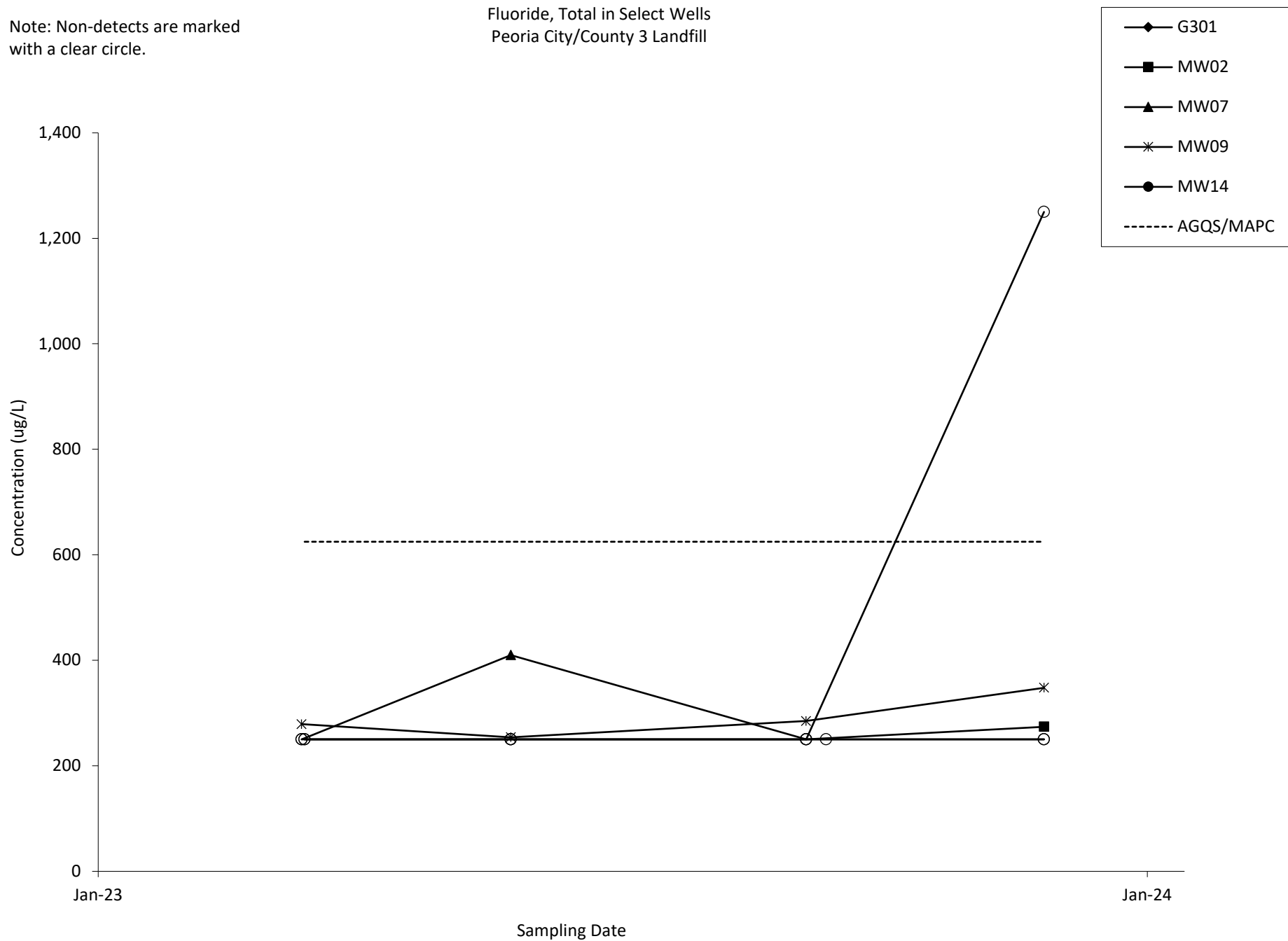
Note: Non-detects are marked with a clear circle.

Cyanide, Total in Select Wells
Peoria City/County 3 Landfill



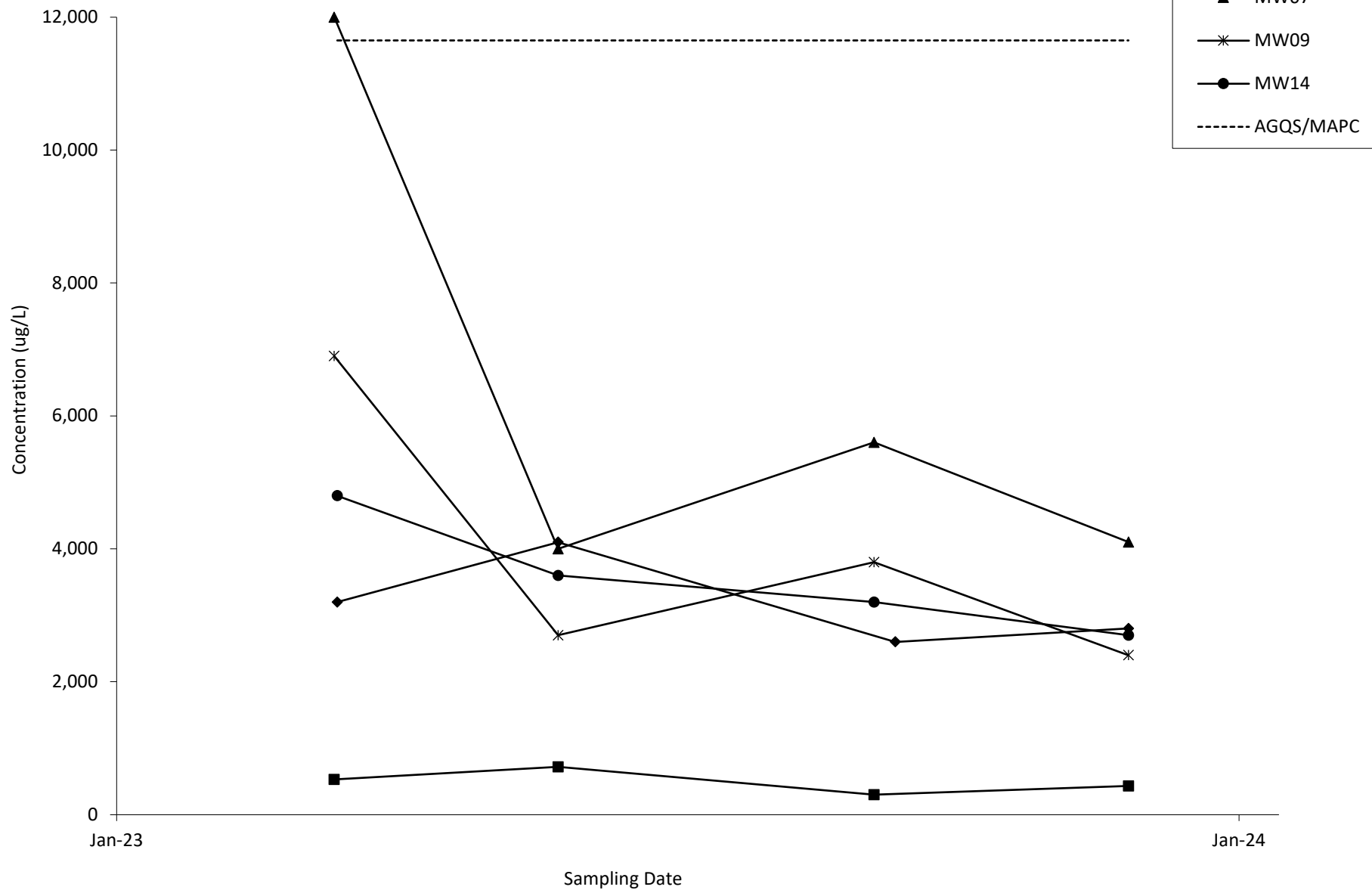
Note: Non-detects are marked with a clear circle.

Fluoride, Total in Select Wells
Peoria City/County 3 Landfill



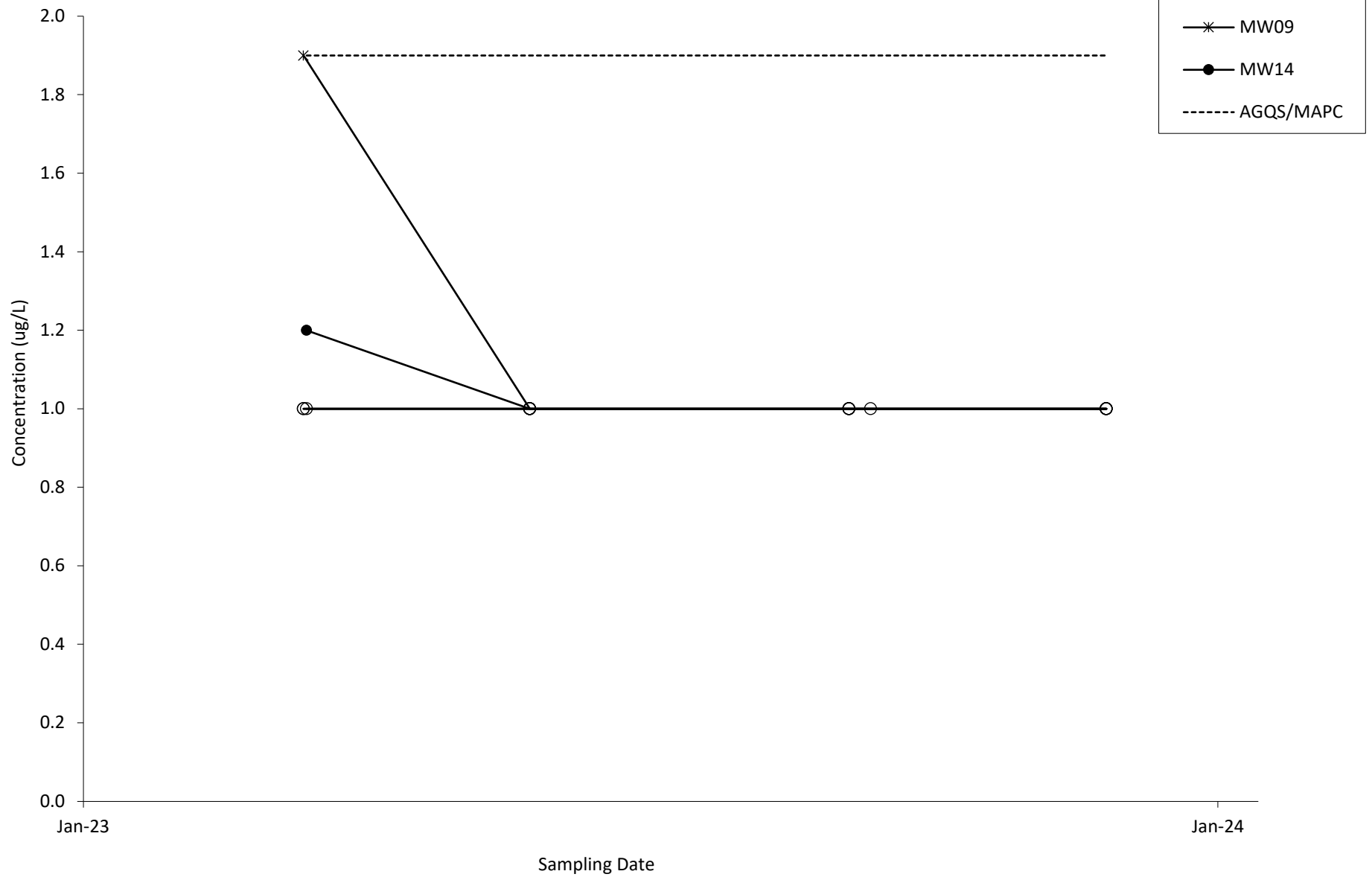
Note: Non-detects are marked with a clear circle.

Iron, Total in Select Wells
Peoria City/County 3 Landfill



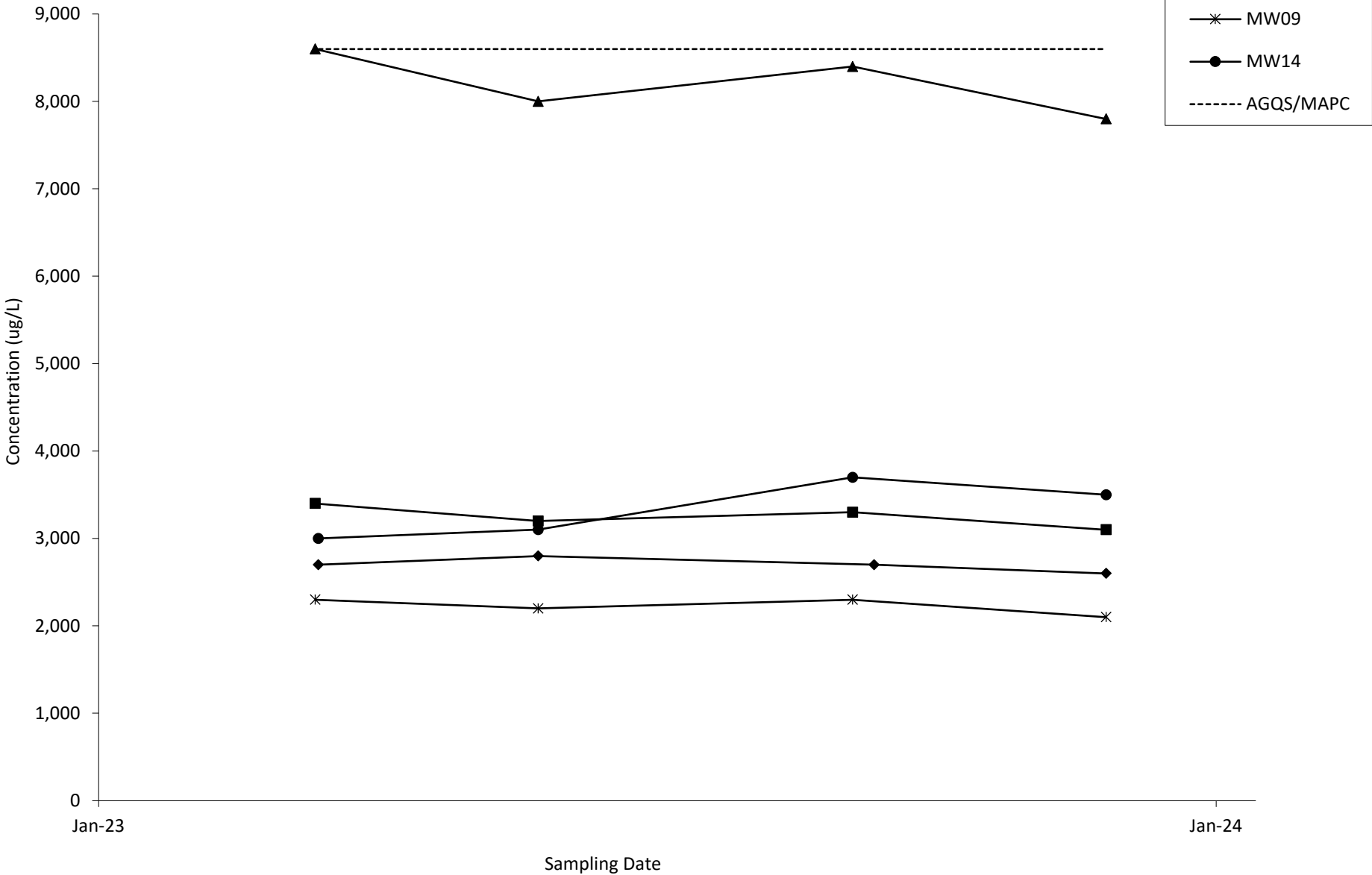
Note: Non-detects are marked with a clear circle.

Lead, Total in Select Wells
Peoria City/County 3 Landfill



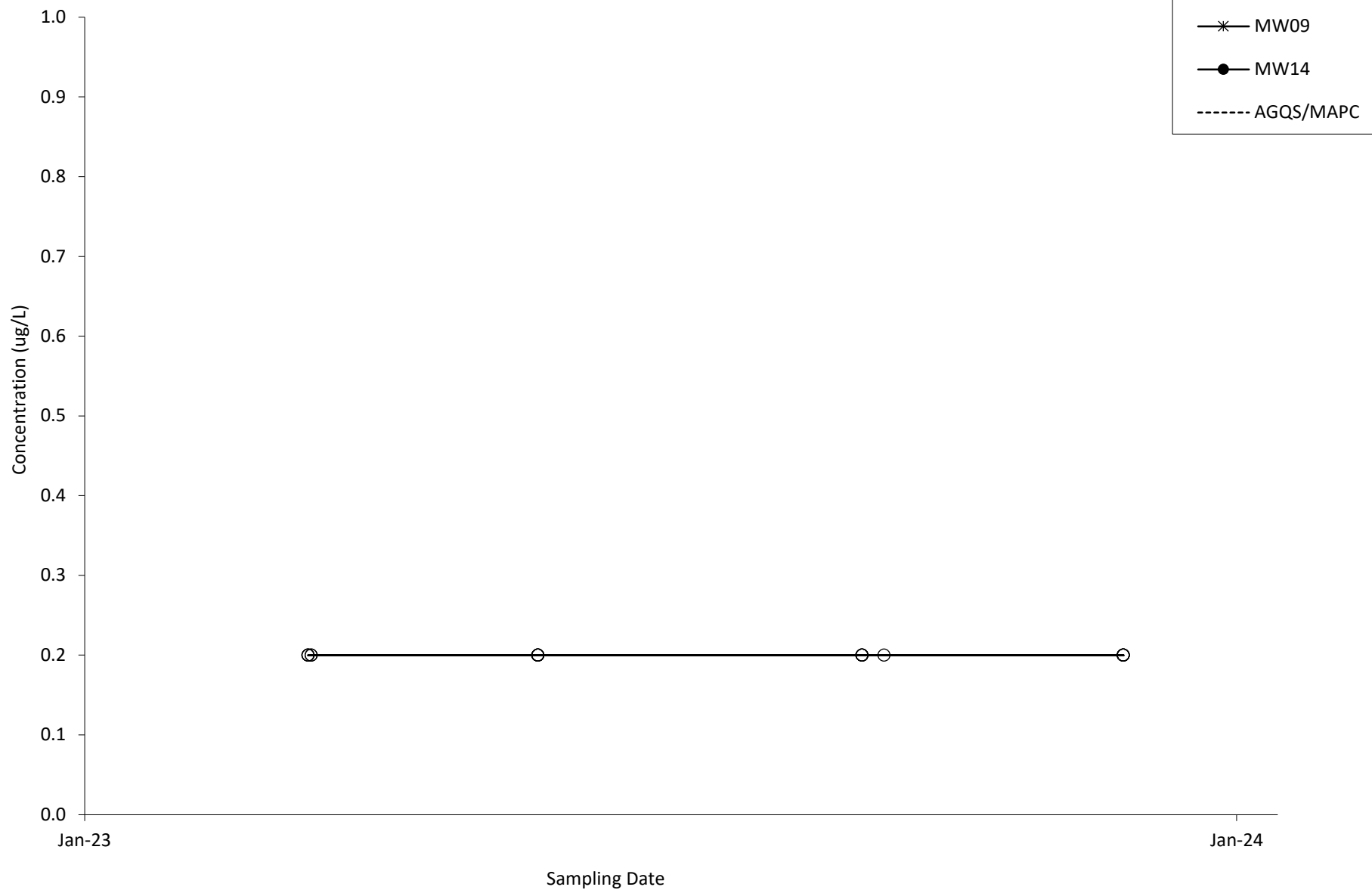
Note: Non-detects are marked with a clear circle.

Manganese, Total in Select Wells
Peoria City/County 3 Landfill



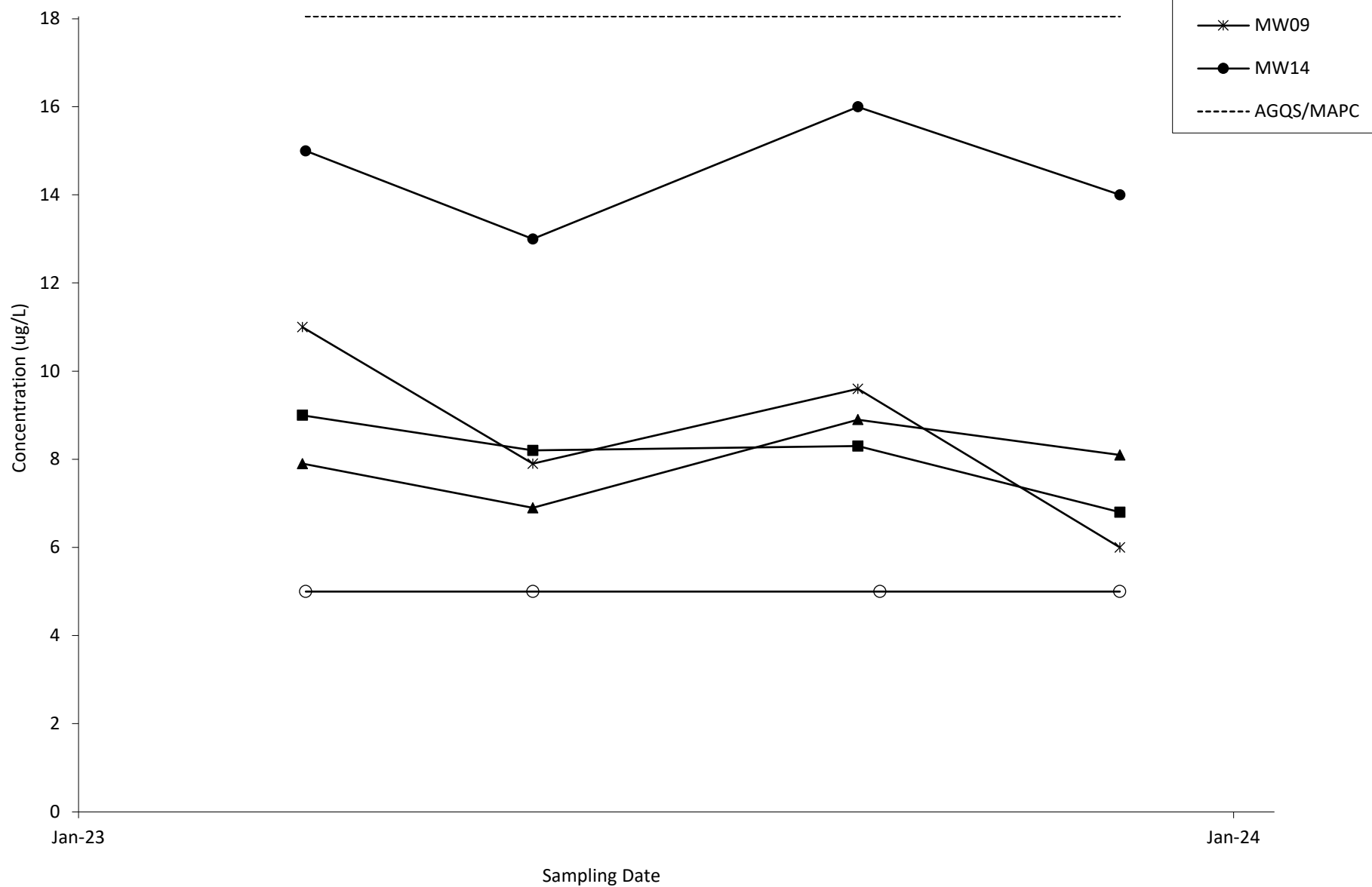
Note: Non-detects are marked with a clear circle.

Mercury, Total in Select Wells
Peoria City/County 3 Landfill



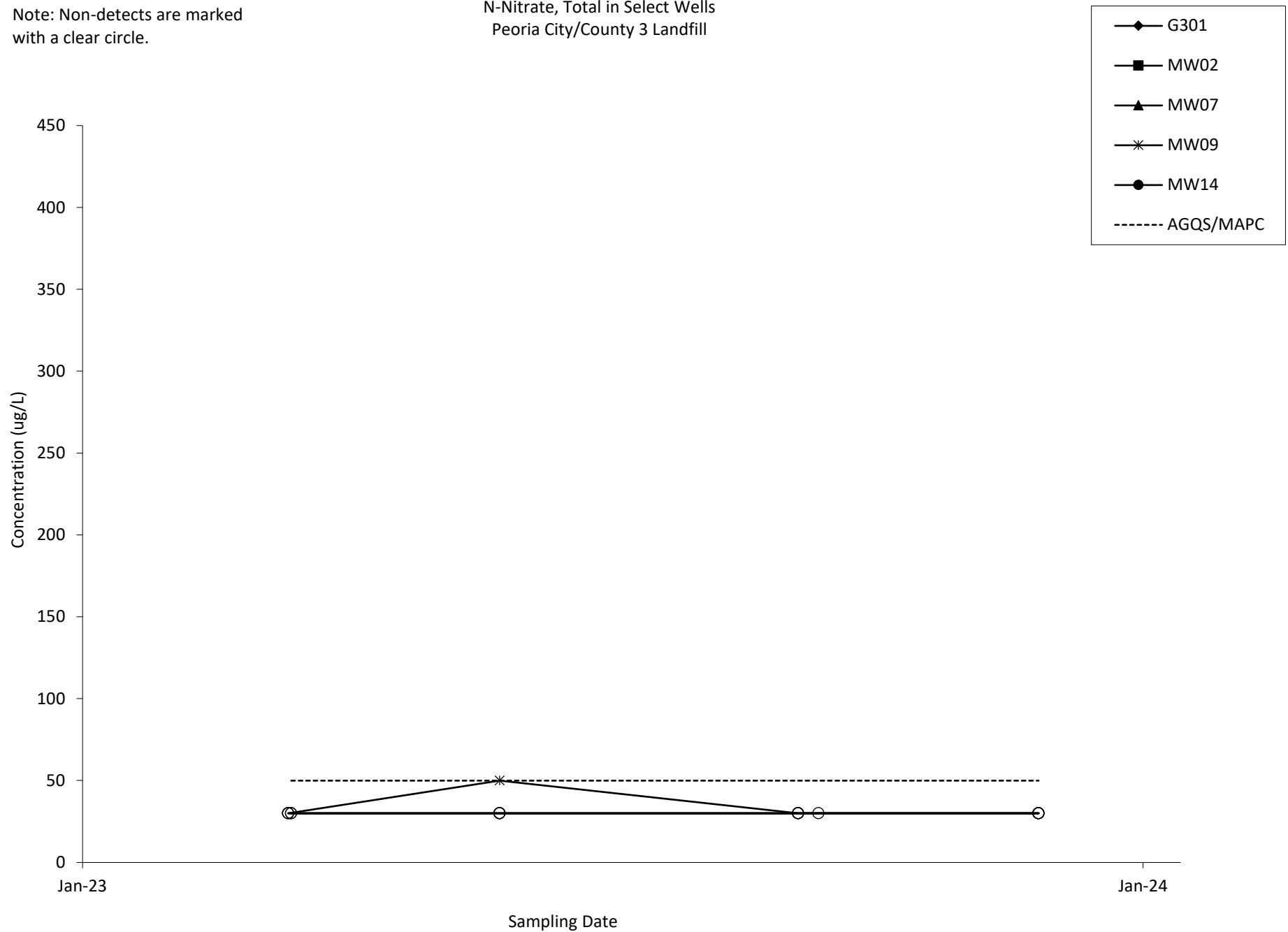
Note: Non-detects are marked with a clear circle.

Nickel, Total in Select Wells
Peoria City/County 3 Landfill



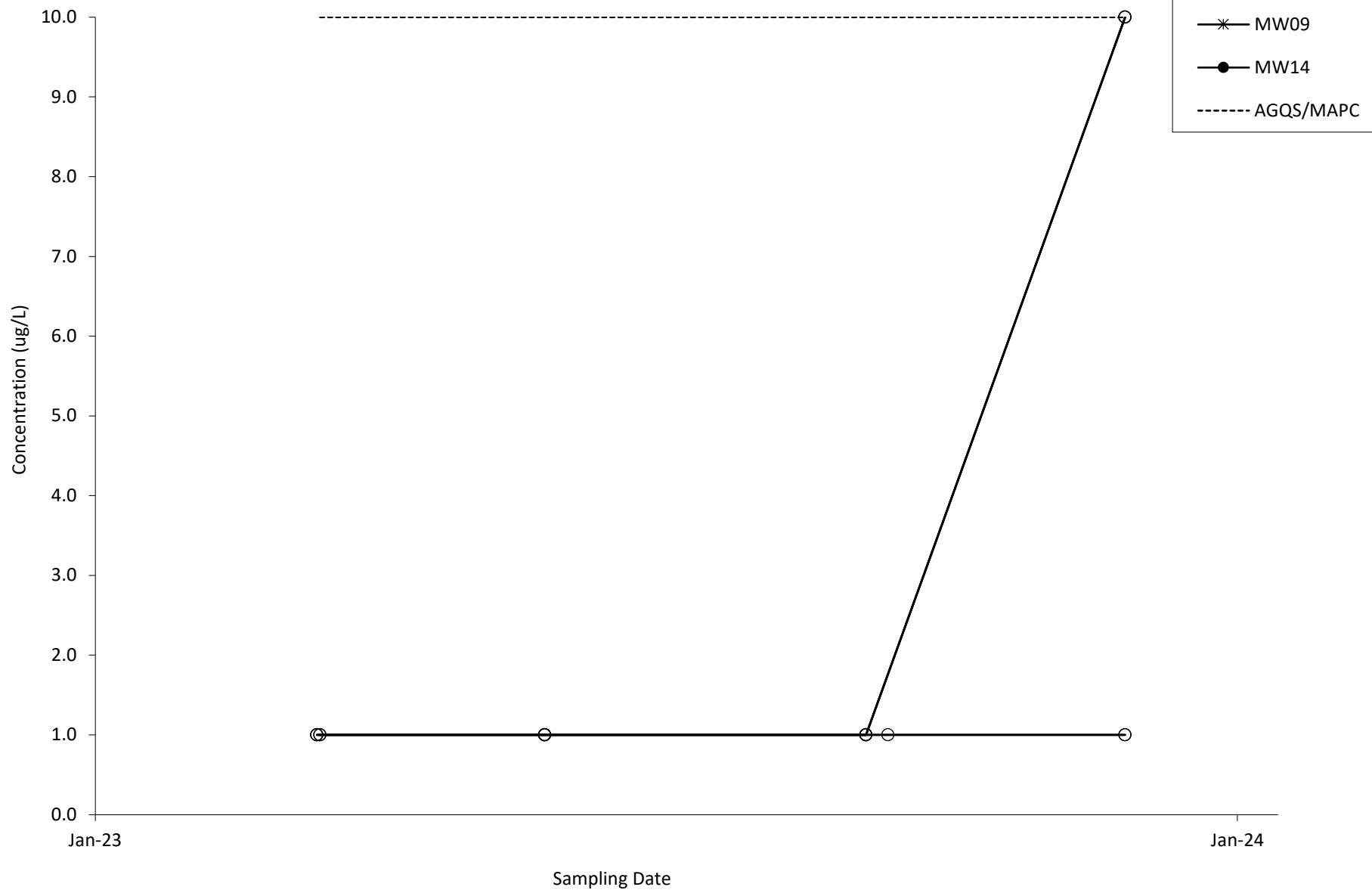
Note: Non-detects are marked with a clear circle.

N-Nitrate, Total in Select Wells
Peoria City/County 3 Landfill



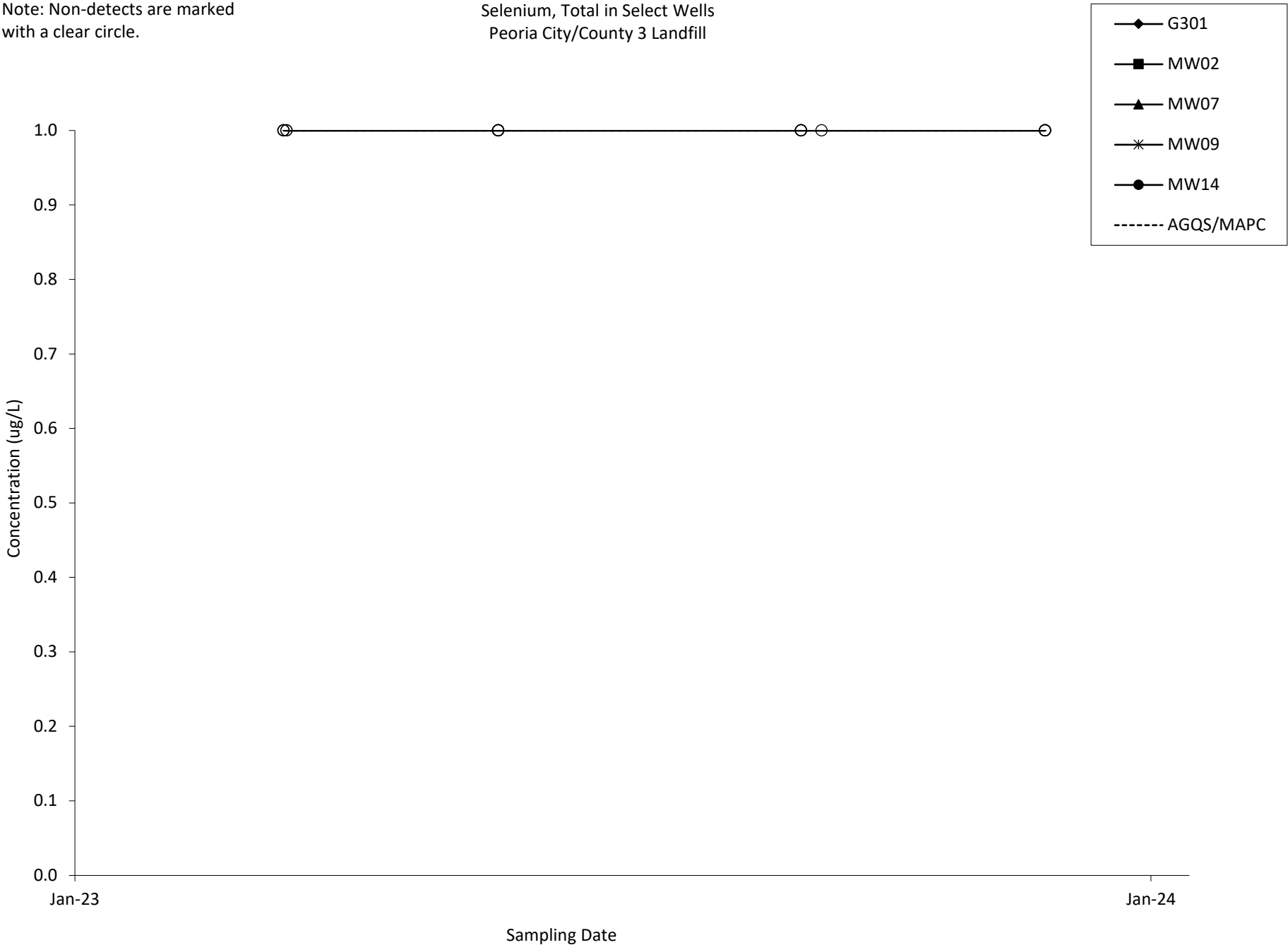
Note: Non-detects are marked with a clear circle.

Perchlorate in Select Wells
Peoria City/County 3 Landfill



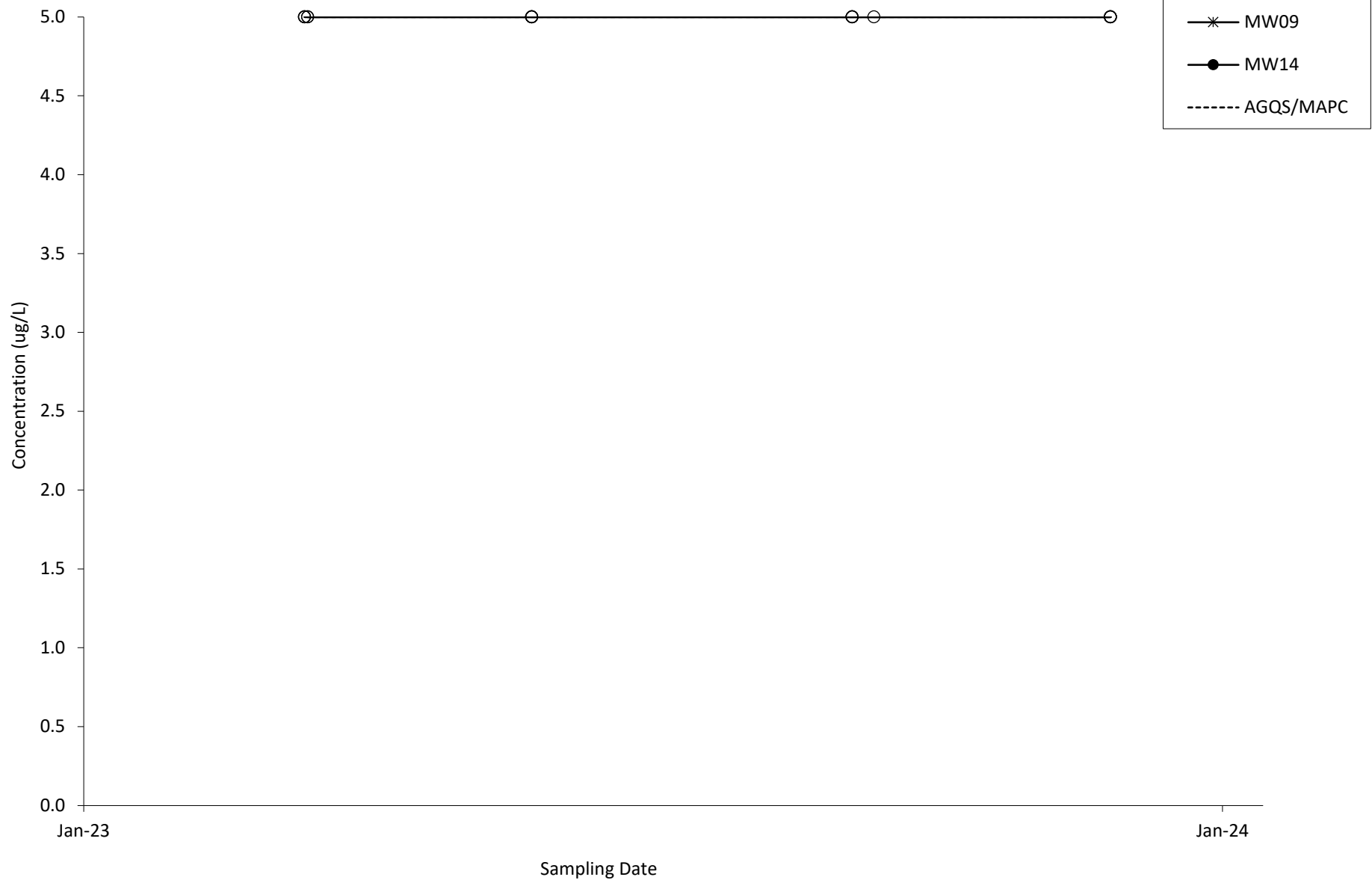
Note: Non-detects are marked with a clear circle.

Selenium, Total in Select Wells
Peoria City/County 3 Landfill



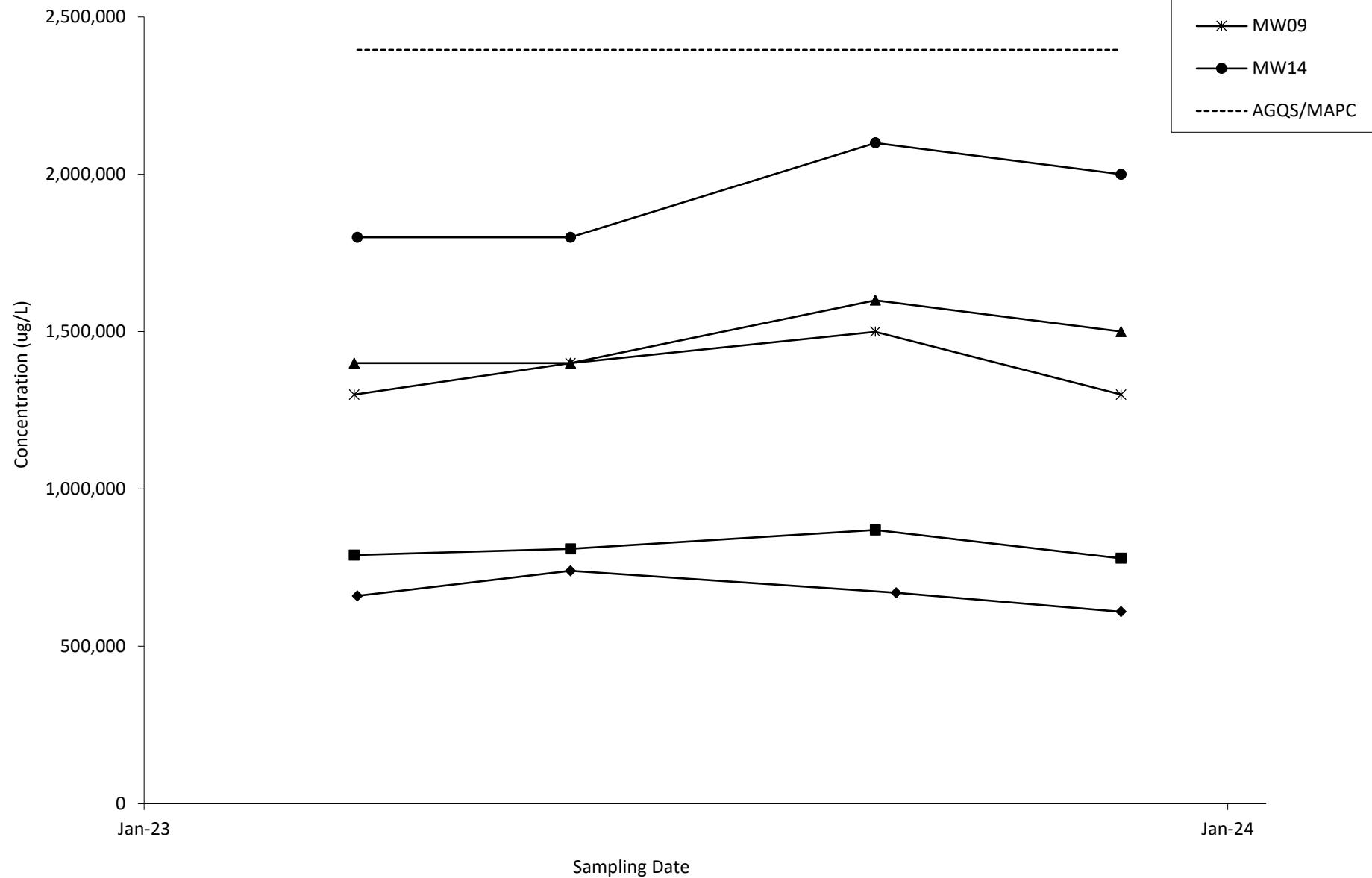
Note: Non-detects are marked with a clear circle.

Silver, Total in Select Wells
Peoria City/County 3 Landfill



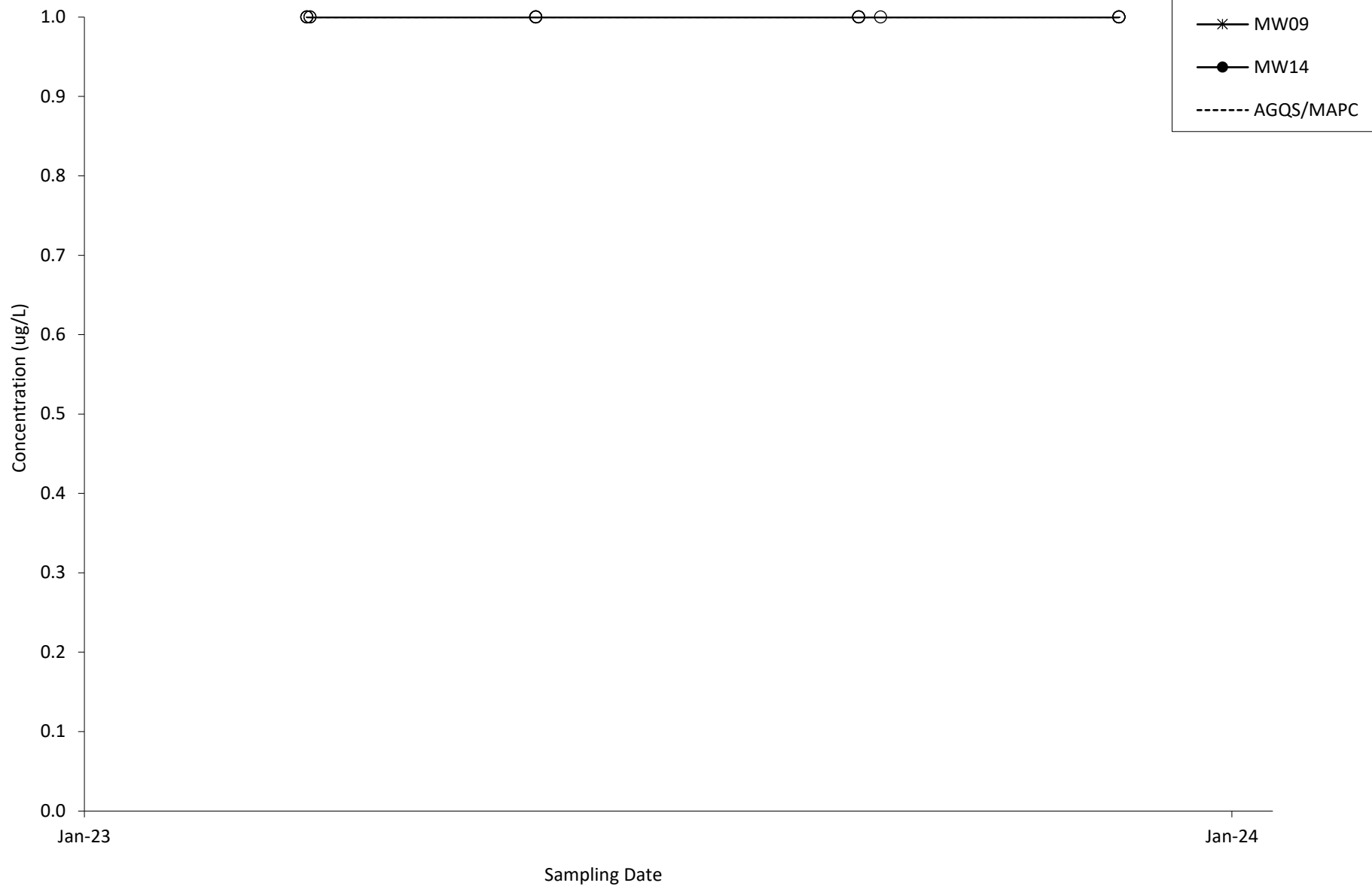
Note: Non-detects are marked with a clear circle.

Sulfate, Total in Select Wells
Peoria City/County 3 Landfill



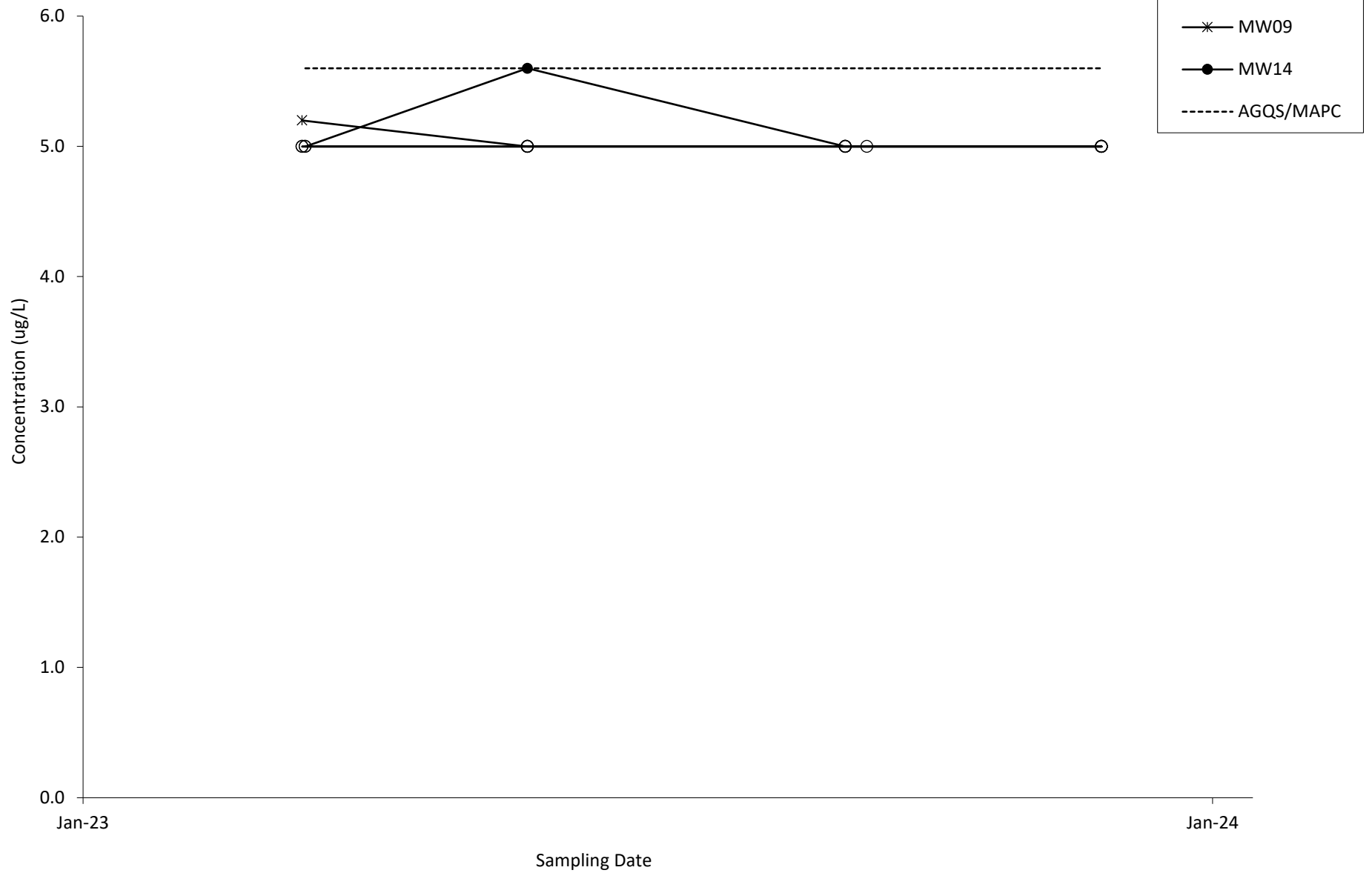
Note: Non-detects are marked with a clear circle.

Thallium, Total in Select Wells
Peoria City/County 3 Landfill



Note: Non-detects are marked with a clear circle.

Vanadium, Total in Select Wells
Peoria City/County 3 Landfill



Note: Non-detects are marked with a clear circle.

Zinc, Total in Select Wells
Peoria City/County 3 Landfill

