Certificate of Analysis

Clearline Environmental Laboratory · NELAC-2024-CLE-001

CLEARLINE

Report #: CLE-2026-001142 · Issued 2026-06-16

Client & Project

Client	RJ Lee Group — Pittsburgh	**Report #**	**CLE-2026-001142**
Project	2026-Q2 Groundwater Monitoring	**SDG #**	CLE-2026-SDG-0142
PO #	RJLEE-PO-2026-0455	**Date Issued**	2026-06-16

Sample Summary

Lab ID	Sample	Matrix	Sampled	Received	Analyses
GW-0009	MW-01 GW	Groundwater	2026-06-15 09:30	2026-06-15 16:10	23 (ICP-MS metals)
GW-0010	MW-02 GW	Groundwater	2026-06-15 09:35	2026-06-15 16:10	23 metals + Zn ×10 dil re-run
MB-0003	Method Blank	Reagent water	2026-06-15 09:00	2026-06-15 16:10	5 (QC)

Results — GW-0010 (MW-02 Groundwater)

Analyte	CAS RN	Method	Result	Unit	RL	DF	Flag	Run
~~Zinc~~ [1]	~~7440-66-6~~	~~EPA 6020B~~	~~>5000~~	~~µg/L~~	~~0.5~~	~~1~~	E	~~Original~~
Zinc [1]	7440-66-6	EPA 6020B	**12,400**	µg/L	5.0	10	D	Reanalysis (×10 dil)
Lead	7439-92-1	EPA 6020B	62.1	µg/L	0.05	1	—	Original
Cadmium	7440-43-9	EPA 6020B	0.8	µg/L	0.05	1	—	Original
Chromium	7440-47-3	EPA 6020B	1.8	µg/L	0.5	1	—	Original
Copper	7440-50-8	EPA 6020B	12.4	µg/L	0.5	1	—	Original
Arsenic	7440-38-2	EPA 6020B	2.1	µg/L	0.1	1	—	Original
Mercury	7439-97-6	EPA 7470A	0.05	µg/L	0.02	1	—	Original
Aluminum	7429-90-5	EPA 6010D	85.4	µg/L	5.0	1	—	Original
Iron	7439-89-6	EPA 6010D	240	µg/L	10	1	—	Original
Manganese	7439-96-5	EPA 6020B	8.7	µg/L	0.5	1	—	Original
Nickel	7440-02-0	EPA 6020B	4.2	µg/L	0.5	1	—	Original
Silver	7440-22-4	EPA 6020B	0.5	µg/L	0.1	1	—	Original
Selenium	7782-49-2	EPA 6020B	1.2	µg/L	0.5	1	—	Original
Antimony	7440-36-0	EPA 6020B	0.3	µg/L	0.1	1	—	Original
Molybdenum	7439-98-7	EPA 6020B	3.2	µg/L	0.5	1	—	Original

[1] **Zinc:** Initial analysis (>5000 µg/L) exceeded calibration high standard. Sample was diluted ×10 and re-analyzed on the same instrument run. Both runs reported per CLP/Stage 2+ requirements; dilution-corrected result (12,400 µg/L, D) supersedes original (>5000 µg/L, E) as the reported value.
Flag legend: D = Diluted re-analysis (reported); E = Estimated, above calibration range (superseded); J = Estimated below RL; U = Not detected; B = Detected in method blank.

Quality Control Summary

QC Type	Sample	Result	Limits	Pass/Fail
Method Blank (MB-0003)	All analytes	< RL	< RL	✓ Pass
LCS Recovery	Zn	98.2%	80–120%	✓ Pass
Matrix Spike (GW-0009)	Zn	96.4%	75–125%	✓ Pass
Duplicate RPD (GW-0009)	Zn	2.1%	< 20%	✓ Pass

Results — AF-0005 / AF-0006 (Hanford 200E Air Filter)

Sample	Analyte	Method	Result	Unit	RL	OEL (TWA)	% OEL
AF-0005	Beryllium	NIOSH 7300	0.08	µg/m³	0.05	0.2	40%
AF-0005	Chromium	NIOSH 7300	1.4	µg/m³	0.5	500	0.3%
AF-0005	Lead	NIOSH 7300	0.6	µg/m³	0.1	50	1.2%
AF-0005	Manganese	NIOSH 7300	2.1	µg/m³	0.5	5000	0.04%
AF-0005	Uranium	NIOSH 7300	0.4	µg/m³	0.2	200	0.2%
AF-0006	Beryllium	NIOSH 7300	0.06	µg/m³	0.05	0.2	30%
AF-0006	Chromium	NIOSH 7300	1.2	µg/m³	0.5	500	0.24%
AF-0006	Lead	NIOSH 7300	0.5	µg/m³	0.1	50	1.0%

Analyst: M. Vasquez · 2026-06-16 14:30

QA Manager: K. Patel · 2026-06-16 14:32

Laboratory Director: _____