

EPA CLP Stage 1A Deliverable

Demo Environmental Laboratory · DEMO-CERT-001

CLEARLINE

SDG: CLE-2026-SDG-0142 · Form I-IN · Per CLP SOM02.4

Stage 1A · basic deliverable: Analytical results, case narrative, surrogate recoveries, and chain-of-custody.

Form I-IN · Inorganic Analyses Data Sheet

Lab Code	CLE001	Case No.	2026-DEMO-001
SDG No.	CLE-2026-SDG-0142	Matrix	Water
EPA Sample No.	DEMO-GW-0010-MW02	Lab Sample ID	GW-0010
Date Sampled	06/15/26	Date Received	06/15/26
Date Analyzed	06/16/26	Analyst	mvasquez

CAS	Analyte	Conc (µg/L)	C	Q	M	DF	CRDL	CRQL
7440-66-6	Zinc *	12,400	—	D	P	10	20	1.0
7439-92-1	Lead	62.1	—	—	P	1	3.0	0.5
7440-43-9	Cadmium	0.8	—	J	P	1	1.0	0.1
7440-47-3	Chromium	1.8	—	—	P	1	2.0	0.5
7440-50-8	Copper	12.4	—	—	P	1	2.0	0.5
7440-38-2	Arsenic	2.1	—	—	P	1	5.0	1.0
7439-97-6	Mercury	0.05	—	U	CV	1	0.2	0.05
7440-22-4	Silver	0.5	—	J	P	1	1.0	0.2
7439-89-6	Iron	240	—	—	P	1	10	5
7439-96-5	Manganese	8.7	—	—	P	1	5.0	0.5
7440-02-0	Nickel	4.2	—	—	P	1	10	0.5
7782-49-2	Selenium	1.2	—	J	P	1	5.0	0.5
7440-36-0	Antimony	0.3	—	U	P	1	10	0.5
7429-90-5	Aluminum	85.4	—	—	P	1	100	20

* **Zinc:** Original undiluted analysis flagged E (over calibration range). Re-analyzed at ×10 dilution; dilution-corrected value reported per CLP SOM02.4 §10.2.

C=Color qualifier · **Q**=Lab qualifier (D=Diluted re-analysis, E=Estimated, J=Estimated<CRDL, U=Not detected, B=Blank) · **M**=Method (P=ICP-MS, CV=Cold Vapor) · **DF**=Dilution Factor · **CRDL/CRQL**=Contract Required Detection/Quantitation Limit

Case Narrative (excerpt)

All samples received within holding times, properly preserved, receipt temp 4.2 °C. All QC within acceptance criteria. GW-0010 Zinc was auto-reanalyzed at ×10 dilution after initial result exceeded the high calibration standard; dilution-corrected value reported as the final result per CLP SOM02.4 §10.2.

Surrogate Recoveries

Sample	Surrogate	Spike	Found	%R	Limits	Pass
GW-0010	Indium (⁵ In)	100 µg/L	98.4	98.4%	70–130%	✓
GW-0010	Rhodium (¹⁰³ Rh)	100 µg/L	102.1	102.1%	70–130%	✓

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

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

Laboratory Director:
