

# EPA CLP Stage 2A Deliverable

Demo Environmental Laboratory · DEMO-CERT-001

CLEARLINE

SDG: CLE-2026-SDG-0142 · Forms I–VII-IN · Per CLP SOM02.4

**Stage 2A adds QC documentation:** all Stage 1A content (results, narrative, surrogates, COC) plus Method Blank, LCS/LCSD, Matrix Spike/MSD, and Replicate/Duplicate summaries.

## Form I-IN · Analytical Results (summary)

| CAS       | Analyte                    | Result (µg/L) | Q | DF |
|-----------|----------------------------|---------------|---|----|
| 7440-66-6 | Zinc <sup>orig-</sup>      | >5000         | E | ±  |
| 7440-66-6 | Zinc <sup>reanalysis</sup> | 12,400        | D | 10 |
| 7439-92-1 | Lead                       | 62.1          | — | 1  |
| 7440-43-9 | Cadmium                    | 0.8           | J | 1  |
| 7440-47-3 | Chromium                   | 1.8           | — | 1  |

## Form III-IN · Method Blank Summary

| Analyte  | MB Result | MDL       | CRDL | Action |
|----------|-----------|-----------|------|--------|
| Zinc     | < MDL     | 0.5 µg/L  | 20   | None   |
| Lead     | < MDL     | 0.05 µg/L | 3.0  | None   |
| Cadmium  | < MDL     | 0.05 µg/L | 1.0  | None   |
| Chromium | < MDL     | 0.5 µg/L  | 2.0  | None   |

## Form IV-IN · LCS & LCSD

| Analyte  | True (µg/L) | LCS Found | LCS %R | LCSD Found | LCSD %R | RPD  | Limits            | Pass |
|----------|-------------|-----------|--------|------------|---------|------|-------------------|------|
| Zinc     | 500         | 491       | 98.2%  | 489        | 97.8%   | 0.4% | 80–120% / RPD<20% | ✓    |
| Lead     | 100         | 101.4     | 101.4% | 99.8       | 99.8%   | 1.6% | 80–120% / RPD<20% | ✓    |
| Cadmium  | 50          | 49.1      | 98.2%  | 50.2       | 100.4%  | 2.2% | 80–120% / RPD<20% | ✓    |
| Chromium | 100         | 97.5      | 97.5%  | 98.9       | 98.9%   | 1.4% | 80–120% / RPD<20% | ✓    |

## Form V-IN · Matrix Spike (MS) & MSD

| Sample  | Analyte | Sample | MS   | MS %R  | MSD  | MSD %R | RPD  | Limits            | Pass |
|---------|---------|--------|------|--------|------|--------|------|-------------------|------|
| GW-0009 | Zinc    | 34.2   | 515  | 96.4%  | 508  | 95.0%  | 1.4% | 75–125% / RPD<20% | ✓    |
| GW-0009 | Lead    | 2.1    | 103  | 100.9% | 101  | 98.9%  | 2.0% | 75–125% / RPD<20% | ✓    |
| GW-0009 | Cadmium | 0.4    | 50.2 | 99.6%  | 49.5 | 98.2%  | 1.4% | 75–125% / RPD<20% | ✓    |

Form VI-IN · Replicate / Duplicate

| Sample  | Analyte | Sample | Duplicate | RPD  | Limit | Pass |
|---------|---------|--------|-----------|------|-------|------|
| GW-0009 | Zinc    | 34.2   | 34.9      | 2.0% | < 20% | ✓    |
| GW-0009 | Lead    | 2.1    | 2.0       | 4.9% | < 20% | ✓    |

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

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

**Laboratory Director:**  
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