

ENVIRONMENTAL ASSESSMENT REPORT

LINEAGE INDUSTRIAL FIRE 2026

Eastman Avenue Elementary School
4112 East Olympic Boulevard
Los Angeles, California 90023



Date:

August 21, 2026

Prepared by

Los Angeles Unified School District
Office of Environmental Health and Safety



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EXECUTIVE SUMMARY

The Los Angeles Unified School District (LAUSD) Office of Environmental Health and Safety (OEHS) prepared this Environmental Assessment Report to summarize air, dust, and soil sampling performed at Eastman Avenue Elementary School (Eastman ES), located at 4112 East Olympic Boulevard, Los Angeles, California, which was potentially impacted by the June 2026 Lineage, Inc. industrial fire (Lineage fire) in the Boyle Heights neighborhood of Los Angeles, California. Although Eastman ES did not sustain direct structural damage, the fire raised concerns regarding smoke, air quality, and potential deposition of contaminants at the school and other schools in the area.

While the Lineage fire was active, LAUSD OEHS conducted environmental monitoring at schools impacted or potentially impacted by smoke, including Eastman ES, and coordinated with local regulatory agencies and academic partners. Periodic real-time monitoring by LAUSD OEHS, regulatory agencies, and academic partners included a range of potential fire-related contaminants including particulate matter, volatile organic compounds, and gases.

Using environmental monitoring data collected during the Lineage fire, OEHS developed targeted air, dust wipe, and soil sampling plans to assess potential fire-related contamination at Eastman ES and other potentially impacted schools within 3 miles of the Lineage fire. In late July and early August 2026, OEHS staff visited the Eastman ES campus and collected air samples from representative indoor and outdoor locations (Room 50, kindergarten yard, and lunch pavilion), dust wipe samples from high-touch surface areas (classroom table, kindergarten playground structure, and lunch table), and soil samples from an unpaved potential deposition zones (landscaping on north side of campus and garden). Air samples were analyzed for ammonia, formaldehyde, and hydrogen fluoride. Dust wipe and soil samples were analyzed for selected metals.

LAUSD OEHS has published the *Environmental Assessment Report, Lineage Industrial Fire 2026, Boyle Heights and East Los Angeles Area*, (LAUSD comprehensive assessment) providing a comprehensive assessment of the environmental conditions at 10 representative schools in the area of potential impact from the Lineage Fire. The findings of the site-specific assessment for Eastman ES, as well as pertinent findings from the LAUSD comprehensive assessment, are discussed below.

- Ammonia was not detected in any air samples at Eastman ES.
- Hydrogen fluoride was not detected in any air samples at Eastman ES.
- Formaldehyde was detected in both indoor and outdoor air samples at Eastman ES, consistent with findings at other schools included in the LAUSD comprehensive assessment. All formaldehyde detections at Eastman ES were below the applicable regulatory screening level. Formaldehyde is a common finding in indoor and outdoor air in urban environments, with numerous sources unrelated to industrial fires, including building materials, furnishings, composite wood products, adhesives, and other common indoor sources. Detections of formaldehyde identified in this assessment are not indicative of a fire-related source or health hazard to students and staff.
- Lead and manganese were detected in outdoor dust wipe samples at Eastman ES. Lead concentrations were below applicable regulatory action levels. The detected manganese concentrations were low and by themselves does not indicate impact from the Lineage Fire. The low-level detections of lead and manganese at Eastman ES do not indicate a fire-related source.
- Lead and other metals were detected in soil samples collected from garden and planter areas at Eastman ES, however, all concentrations were below applicable regulatory screening levels.

Based on the findings of this environmental assessment, OEHS concludes that the Lineage fire did not result in residual contamination or conditions posing a health hazard to students or staff. Eastman ES remains safe for occupancy.

OEHS recommends continued routine cleaning and heating, ventilation, and air conditioning (HVAC) filter maintenance, use of portable high-efficiency particulate air (HEPA)/activated-carbon air purifiers as needed, and limiting outdoor activities if noticeable odors persist.

1.0 INTRODUCTION

1.1 Purpose

The Los Angeles Unified School District (LAUSD or the District) Office of Environmental Health and Safety (OEHS) prepared this Environmental Assessment Report to summarize the findings of air, dust, and soil sampling activities for Eastman Elementary School (Eastman ES) that may have been impacted by a recent nearby industrial fire.

1.2 Background

On June 17, 2026, an industrial fire started at the Lineage, Inc. (Lineage) food storage facility (Lineage site) located at 1400 Los Palos Street in the Boyle Heights neighborhood of Los Angeles, California 90023. The fire was extinguished on June 24, 2026, and raised concerns about local air quality due to smoke and the potential chemical release and deposition of hazardous materials from the burning structure. No LAUSD structures or schools sustained direct damage as a result of the fire; however, particulate deposition from the fire may have impacted nearby campuses. The Lineage site is located approximately 0.36 mile east-northeast from Eastman ES in a mixed residential and industrial area.

1.3 LAUSD Immediate Response

As a precautionary measure, LAUSD independently relocated impacted schools in the vicinity of the Lineage site for the duration of the summer session to prioritize the health and safety of the school community. This action was taken without direction or order from any regulatory agency. Eastman ES did not provide student programs during summer session; therefore, relocation was not warranted. Following extinguishment of the fire on June 24, 2026, Eastman ES was thoroughly cleaned and HVAC Minimum Efficiency Reporting Values 13 (MERV-13) filters were replaced. Air purifiers with HEPA and activated charcoal filters were deployed in all classrooms and offices.

1.4 Environmental Monitoring During the Fire

In response to the fire, LAUSD OEHS performed environmental monitoring, coordinated with regulatory agencies and technical experts, and implemented precautionary protective measures at Eastman ES.

While the fire was active, LAUSD used handheld field instruments (Q-Trak XP Indoor Air IAQ Monitor 7585 and TSI Gas Monitor GM460) to monitor concentrations of volatile organic compounds (VOCs), fine particulate matter ($PM_{2.5}$), coarse particulate matter (PM_{10}), carbon monoxide, methane, hydrogen sulfide, and oxygen at Eastman ES and 13 additional school campuses.

LAUSD also collaborated with the Los Angeles County Fire Department (LACFD) Hazardous Materials Division to monitor gases including hydrogen gas, phosphine, ammonia, hydrogen cyanide, and hydrogen fluoride.

South Coast Air Quality Management District (SCAQMD) conducted stationary monitoring for particulate matter ($PM_{2.5}$), hydrogen sulfide, methane, and ammonia at Eastman ES and nearby Stevenson College and Career Prep.

In addition to air monitoring data collected by regulatory agencies and LAUSD field staff, LAUSD reviewed air sampling data collected by Onterris Inc. (Onterris), a third-party firm contracted by Lineage and overseen by SCAQMD. Onterris monitored $PM_{2.5}$, PM_{10} , hydrogen sulfide, ammonia, chlorine, mercaptans, VOCs, and metals. Metals assessed by Onterris included arsenic, cadmium, chromium, cobalt, copper, iron oxide, lead, lithium, manganese, nickel, and zinc oxide.

LAUSD also collaborated with local research groups from the University of Southern California (USC) and the University of California, Los Angeles (UCLA) to stay informed of the latest scientific findings. USC's Contaminant Level Evaluation and Analysis for Neighborhoods (CLEAN) project research team collected and analyzed shallow soil samples for depositional lead. A research team led by UCLA's Center for Occupational and Environmental Health (COEH) collected and analyzed air and dust wipe samples for fire-related contaminants.

2.0 SAMPLING METHODOLOGY AND ACTIVITIES

Using environmental monitoring data collected by regulatory agencies and outside experts during the fire, LAUSD OEHS developed a workplan focused on air, dust wipe, and soil sampling to identify fire-related contaminants that may have impacted Eastman ES and to determine whether the school was safe for re-occupancy ahead of the upcoming school year.

The workplan for air and dust wipe sampling was developed by a LAUSD OEHS staff Board for Global EHS Credentialing®(BGC®) Certified Industrial Hygienist (CIH) and reviewed by Dr. Yifang Zhu of UCLA, and a third-party CIH from the professional environmental consulting firm, TRC Companies. The workplan for soil sampling was reviewed by a licensed California professional geologist.

2.1 School Selection for Assessment

Eastman ES is located at 4112 East Olympic Boulevard, Los Angeles, California, approximately 0.36 mile east-northeast of the Lineage site (Figure 1). This school was selected as one of ten representative LAUSD sites based on the distance to the Lineage site and prevailing wind patterns observed during the fire incident. The sampling locations and methodology for this school are discussed below.

2.2 Sampling Activities

Between July 28 and August 7, 2026, OEHS staff conducted environmental sampling activities at Eastman ES.

Wipe samples were collected from common high-touch surfaces and both air and dust wipe samples were collected from representative indoor and outdoor spaces. A soil sample was collected from an unpaved potential deposition zone. Sample locations for Eastman ES are provided in the table below and a sampling location map is provided as Figure 2.

Sample Locations: Eastman ES

<i>Sample type</i>	<i>Indoor / Outdoor</i>	<i>Sample Location(s)</i>
Air	Indoor	Room 50
	Outdoor	Kindergarten yard

	Outdoor	Lunch pavilion
Dust wipe	Indoor	Table – Room 50
	Outdoor	Play structure – Kindergarten yard
	Outdoor	Table – Lunch pavilion
Soil	Outdoor	Landscaping – north campus Landscaping – north campus (duplicate) Garden

Upon completion of sampling activities, samples were sealed, labeled, and packaged in the field and transported under chain-of-custody protocol to accredited laboratories, as identified below. Quality assurance and quality control (QA/QC) samples, including field blanks (for air and dust wipe samples only) and duplicate samples (for soil samples only), were also collected.

2.3 Dust Wipe Sampling Methodology

All dust wipe samples were collected from designated surfaces in accordance with established industrial hygiene sampling protocols to evaluate potential surface contamination. Samples were obtained using laboratory supplied pre-moistened, wipes and collected over a measured area of 100 square centimeters (cm²) to allow for concentration calculations. Field blanks were collected at 10% of total samples collected and submitted for analysis as part of QA/QC standards.

Following collection, dust wipe samples were placed in laboratory supplied containers, sealed, labeled, and shipped under standard chain-of-custody protocols to Eurofins Built Environment Testing Central in Pasadena, Texas, a laboratory accredited by the American Industrial Hygiene Association Laboratory Accreditation Program (AIHA LAP), for analysis.

Dust wipes were analyzed for selected target metals, specifically arsenic, cadmium, cobalt, copper, lead, lithium, manganese, and nickel. The analyte list (target metals) was based on metals identified by Onterris during air sampling for contaminants of potential concern from the Lineage fire. Dust wipe samples were analyzed using the National Institute for Occupational Safety and Health (NIOSH) Method 9102, Elements on Wipes. Results were reported as surface loadings in micrograms per square

centimeter ($\mu\text{g}/\text{cm}^2$) and converted to micrograms per square foot ($\mu\text{g}/\text{ft}^2$) for evaluation against applicable health-based screening criteria, discussed in Section 3.0.

2.4 Air Sampling Methodology

Air sampling was conducted to evaluate potential airborne concentrations of ammonia, formaldehyde, and hydrogen fluoride within breathing zones; typically defined as between 3 and 5 feet above the floor. Samples were collected using both passive diffusion samplers, and active air sampling systems selected in accordance with established methods for each analyte. Representative sampling locations were chosen, and samplers were positioned within the breathing zone to characterize contaminants that may be inhaled during occupancy.

Passive sampling devices rely on the natural diffusion of airborne contaminants onto a chemically treated collection medium, while active sampling systems use calibrated sampling pumps to draw a measured volume of air through a collection device. For active samples, flow rates were measured and documented before and after sampling to verify calibration and calculate the total volume of air sampled. Sampling durations were selected to obtain representative time-weighted average (TWA) exposure measurements.

Following completion of sampling, all media were sealed, labeled, documented, and shipped under standard chain-of-custody protocols to Eurofins Built Environment Testing Analytics in Ashland, Virginia, a laboratory accredited by the AIHA LAP. Laboratory analyses were performed using established analytical methods appropriate for each contaminant, and results were reported as airborne concentrations in micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$), which represents the mass of a substance present in one cubic meter of air. Air sample results were evaluated against applicable regulatory screening levels, discussed in Section 3.0.

Ammonia

Air samples for ammonia analysis were collected using passive diffusion sampling badges and analyzed by Eurofins Built Environment Testing Analytics using a modified

NIOSH Method 6015. Results were reported as airborne ammonia concentrations and compared to applicable health-based air screening levels.

Formaldehyde

Air samples for formaldehyde analysis were collected using passive diffusion sampling badges in accordance with OSHA Method 1007. The samplers contained a collection medium coated with 2,4-dinitrophenylhydrazine (DNPH) and phosphoric acid, which reacts with airborne formaldehyde to form a stable hydrazone derivative during sampling. Laboratory analysis consisted of extraction with acetonitrile followed by high-performance liquid chromatography (HPLC) with ultraviolet detection. Results were reported as airborne formaldehyde concentrations and compared to applicable health-based cancer and noncancer air screening levels.

Hydrogen Fluoride

Air samples for hydrogen fluoride analysis were collected using an active sampling train consisting of a membrane filter and a chemically treated backup collection pad designed to capture both particulate fluorides and gaseous hydrogen fluoride. Laboratory analysis was performed using a modified NIOSH Method 7902. The membrane filter and treated collection media were extracted and analyzed using an ion-selective electrode (ISE) procedure to quantify fluoride ion concentrations. Results were reported as airborne hydrogen fluoride concentrations and compared to applicable health-based air screening levels.

2.5 Soil Sampling Methodology

Composite near-surface soil samples (0 to 0.25 inches below ground surface) were collected using trowels in unpaved areas. Each sample zone covered approximately 100 square feet, with five near-surface soil samples collected from the four corners and center and composited in the field into one representative sample consistent with soil sampling procedures published by County of Los Angeles Department of Public Health. The trowels were decontaminated between sample zones using dry decontamination procedures.

Composite samples were placed in laboratory-provided jars, labeled, placed on ice, and transported under chain-of-custody procedures to Eurofins Built Environment

Testing in Tustin, California, a laboratory accredited by the California Environmental Laboratory Accreditation Program (ELAP) and National Environmental Laboratory Accreditation Program (NELAP) for analysis. Soil samples were analyzed for the target metals (arsenic, cadmium, cobalt, copper, lead, lithium, manganese, and nickel) using EPA Method 6010B. Soil sample results were evaluated against applicable regulatory screening levels, discussed in Section 3.0.

3.0 SAMPLING RESULTS

Air and soil sample results were compared to applicable California Department of Toxic Substances Control (DTSC) Screening Levels¹ (SLs) and EPA Regional Screening Levels² (RSLs). Air sample results were also compared to California Office of Environmental Health Hazard Assessment (OEHHA) Reference Exposure Levels³ (RELs) and LEED Building Standards⁴. Soil sample results were also compared to an arsenic-specific DTSC SL⁵. Lead results from dust wipe samples were compared to EPA Dust-Lead Action Levels (DLALs)⁶ and California Department of Public Health (CDPH) guidelines⁷.

3.1 DUST WIPE SAMPLE RESULTS

Analytical results for dust wipe sample results are summarized in Table 1 and laboratory analytical reports are provided in Appendix A.

A total of three dust wipe samples were collected from Eastman ES and analyzed for target metals. Dust wipe samples were collected from a table in Room 50, a kindergarten playground structure, and a lunch pavilion table. No metals were detected in the indoor dust wipe sample. Lead and manganese were detected above laboratory reporting limits in the two outdoor dust wipe samples. No other metals (arsenic, cadmium, cobalt, copper, lithium, and nickel) were detected above laboratory reporting limits in any dust wipe samples.

Lead was detected at the outdoor kindergarten playground structure and lunch pavilion table; however, both detections were below the CDPH regulatory standard of 400 µg/ft² for exterior horizontal surfaces.

Manganese was also detected in both outdoor samples above the laboratory reporting limits. Although no health-based regulatory screening levels are established for manganese, the result was evaluated as indicator data to assess

¹ California Department of Toxic Substances Control (DTSC), Human Health Risk Assessment (HHRA) Note Number 3, April 2025.

² United States Environmental Protection Agency (EPA), Regional Screening Levels (RSLs) for Resident Air and Composite Worker Air, November 2024.

³ California Office of Environmental Health Hazard Assessment (OEHHA) Acute, 8-hour and Chronic Reference Exposure Levels (RELs), accessed July 2026.

⁴ USGBC LEED v4.1 Indoor Air Quality Assessment Credit

⁵ DTSC, HHRA Note Number 11, Ambient Screening Levels (SLs), December 2020.

⁶ U.S. Environmental Protection Agency (USEPA), *Final Dust-Lead Hazard Standards and Dust-Lead Post Abatement Clearance Levels Rule*, 2021.

⁷ California Department of Public Health (CDPH), *California Childhood Lead Poisoning Prevention Branch, Guidelines for the Evaluation and Control of Lead Hazards in Housing*, 2012.

whether fire-related particulate appeared to have accumulated on sampled surfaces. Lead and manganese detections are discussed in Section 4.3.

3.2 AIR SAMPLE RESULTS

Analytical results for air samples are summarized in Table 2, and laboratory analytical reports are provided in Appendix A.

Air samples were collected from Room 50 (indoor), kindergarten yard (outdoor), and lunch pavilion (outdoor) and analyzed for ammonia, hydrogen fluoride, and formaldehyde.

Ammonia was not detected above the laboratory reporting limit in any air samples.

Hydrogen fluoride was not detected above the laboratory reporting limit in any air samples.

Formaldehyde was detected in indoor and outdoor air samples, with concentrations ranging from 5.01 to 7.06 $\mu\text{g}/\text{m}^3$. No samples exceeded the California OEHHA chronic REL of 9 $\mu\text{g}/\text{m}^3$.

3.3 SOIL SAMPLING RESULTS

Analytical results for soil samples are summarized in Table 3 and laboratory analytical reports are provided in Appendix A.

Composite soil samples were collected from a garden and a planter on the north side of campus and analyzed for selected metals. A duplicate composite soil sample was also collected from the planter for analysis.

Lithium was not detected in any soil samples. All other metals were detected in at least one soil sample from Eastman ES. All detections of metals in soil were below their respective applicable screening levels. Soil results are further discussed in Section 4.4.

4.0 FINDINGS AND RECOMMENDATIONS

4.1 Findings

A comprehensive environmental assessment was conducted to evaluate the potential impacts of the Lineage industrial fire on LAUSD school sites throughout the Boyle Heights and East Los Angeles area, including Eastman ES.

Based on the location of the schools relative to the fire and prevailing wind conditions, several campuses were within or near the path of the smoke plume and experienced observable impacts, including smoke and persistent odors. These impacts were recognized by the District and were an important consideration in the protective measures implemented during and following the incident, including the relocation of Eastman ES, deployment of portable air purification, accelerated HVAC filter replacement, and subsequent environmental sampling.

The purpose of the environmental sampling was therefore not to determine whether Eastman ES had experienced any impact from the fire, but rather to determine whether current conditions represent a health concern for students and staff. The assessment incorporated available environmental monitoring data from external stakeholders, including regulatory agencies, Onterris (Lineage's environmental consultant), LAUSD real-time monitoring, and academic researchers to identify contaminants reasonably associated with the incident. Targeted environmental sampling was then conducted for hydrogen fluoride, ammonia, formaldehyde, and selected metals.

The findings specific to Eastman ES and relevant summaries of the comprehensive environmental assessment are provided below.

4.2 Air Sampling

Ammonia was included in the sampling suite to evaluate a reported ammonia release associated with the fire and cleanup. Ammonia was not detected at Eastman ES.

Hydrogen fluoride was not detected in any air samples at Eastman ES. This result, together with the available regulatory real-time monitoring conducted during and following the incident, does not indicate an ongoing hydrogen fluoride exposure concern at Eastman ES.

Formaldehyde was detected in both indoor and outdoor samples at Eastman ES and in the LAUSD comprehensive assessment. Formaldehyde is a common finding in indoor and outdoor air in urban environments with numerous sources unrelated to industrial fires, including building materials, furnishings, composite wood products, adhesives, and other common indoor sources. Consequently, detection alone does not establish that formaldehyde detected at a school originated from the Lineage fire.

The formaldehyde results were evaluated against applicable health-based screening criteria and compared a background reference location identified in the LAUSD comprehensive assessment. The reference-site comparison provides additional context for determining whether concentrations observed at the assessed schools were distinguishable from concentrations occurring at an LAUSD campus outside the primary area affected by the fire. Although formaldehyde was detected at several schools, including Eastman ES, the results do not demonstrate a pattern of concentrations that, when considered with the reference-site data and other available information, indicates a health hazard resulting from the fire.

4.3 Dust Sampling

Surface dust wipe sampling was conducted to evaluate potential deposition of contaminants associated with the Lineage fire on accessible interior and exterior surfaces. Lead and manganese were detected in exterior dust wipe samples at Eastman ES. These outdoor dust wipe samples were collected from exterior horizontal surfaces, and the results were evaluated against the CDPH regulatory standard for lead-contaminated dust applicable to exterior horizontal surfaces.

At Eastman ES, lead was detected in both outdoor dust wipe samples at 4.60 and 17.93 $\mu\text{g}/\text{ft}^2$ (or 0.00818 $\mu\text{g}/\text{cm}^2$ and 0.0193 $\mu\text{g}/\text{cm}^2$, respectively), both below the applicable regulatory standard of 400 $\mu\text{g}/\text{ft}^2$ for lead.

Overall, no metals were detected in the indoor dust wipe samples, the manganese detections in outdoor dust wipe samples were low, and lead detections from exterior horizontal surfaces were below the regulatory standard applicable to those surfaces. These results did not demonstrate a widespread pattern of metal deposition indicative of significant health exposure at Eastman ES.

4.4 Soil Sampling

Soil sampling was conducted to evaluate metal concentrations in surface soil at representative school locations, including areas such as landscaped areas, gardens, and other locations potentially subject to deposition from the smoke plume.

Lead, a potential metal of concern, was detected in soil samples collected during the LAUSD comprehensive assessment; however, concentrations exceeding the applicable DTSC residential screening level of 80 mg/kg were not identified at Eastman ES.

4.5 Recommendations

Based on the findings of this investigation, OEHS recommends:

- Continue routine janitorial activities, including regular damp wiping and cleaning of frequently contacted surfaces, to control settled dust.
- Continue routine HVAC operation and filter maintenance in accordance with District procedures, including replacement of filters based on condition and established maintenance schedules.
- Continue use of portable air purifiers when warranted, particularly in areas experiencing persistent odors, using units equipped with HEPA and activated-carbon filtration.
- Implement an indoor activity schedule when noticeable odors from the Lineage facility are present until odors have subsided and the cleanup is completed.

5.0 CONCLUSIONS

Based on the totality of the environmental assessment and laboratory analytical results, OEHS concludes that Eastman ES remains safe for occupancy and that the Lineage fire has not resulted in residual contaminant concentrations that constitute a health hazard to students or staff. While this and other schools experienced impacts from the fire, including smoke, odors, and localized deposition, the available data do not demonstrate widespread contamination or conditions requiring additional region-wide remediation. Although the exterior dust wipe results were below the applicable regulatory standard, all campuses within the Boyle Heights and East Los Angeles areas, including Eastman ES, underwent routine cleaning of exterior horizontal surfaces.

OEHS will continue to review environmental monitoring data and other relevant information as it becomes available and will evaluate whether additional assessment or modifications to the District's protective measures are warranted.

ATTACHMENTS

Table 1 – Dust Wipe Sampling Analytical Results

Table 2 – Air Sampling Analytical Results

Table 3 – Soil Sampling Analytical Results

Figure 1 – School Location Map

Figure 2 – Sample Location Map

Appendix A – Laboratory Analytical Reports

TABLES

Table 1
Dust Wipe Sampling Analytical Results
Lineage Industrial Fire 2026
Los Angeles, California

School Name	Sample ID	Sample Date	Surface	Sample Location	Arsenic	Cadmium	Cobalt	Copper	Lead	Manganese	Nickel
				Units :	ug/cm ²	ug/cm ²	ug/cm ²	ug/cm ²	ug/cm ²	ug/cm ²	ug/cm ²
				CAS Number :	7440-38-2	7440-43-9	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0
				Method Description:	NIOSH 9102						
Eastman Avenue Elementary School	260728AC-01	7/28/2026	Table	Exterior: Lunch Pavilion	<0.250	<0.100	<0.0250	<0.250	0.0193	0.0293	<0.100
	260728AC-02	7/28/2026	Playground Structure	Exterior: Kinder Area	<0.250	<0.100	<0.0250	<0.250	0.00818	0.0328	<0.100
	260728AC-03	7/28/2026	Table	Room 50	<0.250	<0.100	<0.0250	<0.250	<0.00250	<0.0250	<0.100
Blanks	260730BB-Blank	7/30/2026	N/A	N/A	<0.250	<0.100	<0.0250	<0.250	<0.00250	<0.0250	<0.100
	20260730LM-Blank 1	7/30/2026	N/A	N/A	<0.250	<0.100	<0.0250	<0.250	<0.00250	<0.0250	<0.100
	20260730LM-Blank 2	7/30/2026	N/A	N/A	<0.250	<0.100	<0.0250	<0.250	<0.00250	<0.0250	<0.100
	20260730LM-Blank 3	7/30/2026	N/A	N/A	<0.250	<0.100	<0.0250	<0.250	<0.00250	<0.0250	<0.100

Notes:

Bold indicates sample result detected above laboratory Reporting Limit (RL)

N/A = Not Analyzed or Not Applicable

µg/cm²= Micrograms per square centimeter

< = Not detected at or above the indicated laboratory reporting limit (RL).

Table 2
Air Sampling Analytical Results
Lineage Industrial Fire 2026
Los Angeles, California

School Name	Sample ID	Sample Date	Sample Location	Ammonia	Hydrogen Fluoride	Formaldehyde
			Units:	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
			Method:	NIOSH 6015M (Modified)	NIOSH 7902M (Modified)	OSHA 1007M (Modified)
Eastman Avenue Elementary School	260728AC-01	7/28/2026	Exterior: Lunch Pavilion	<274	<12.6	5.01
	260728AC-02	7/28/2026	Exterior: Kinder Yard	<289	<13.3	6.52
	260728AC-03	7/28/2026	Room 50	<306	<14.1	7.06
Blanks	20260730LM-Blank 1	7/30/2026	N/A	<3.0	<10.0	<0.20
	20260730LM-Blank 2	7/30/2026	N/A	<3.0	<10.0	<0.20
	20260730LM- Blank3	7/30/2026	N/A	<3.0	<10.0	<0.20

Notes:

Bold indicates sample result detected above laboratory Reporting Limit (RL)

N/A = Not Analyzed or Not Applicable

< = Not detected at or above the indicated laboratory reporting limit (RL).

$\mu\text{g}/\text{m}^3$ = Micrograms per cubic meter

Table 3
Soil Sampling Analytical Results
Lineage Industrial Fire 2026
Los Angeles, California

School Name	Sample ID	Sample Date	Sample Location	Arsenic	Cadmium	Cobalt	Copper	Lead	Lithium	Manganese	Nickel
			Units :	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			CAS Number :	7440-38-2	7440-43-9	7440-48-4	7440-50-8	7439-92-1	7439-93-2	7439-96-5	7440-02-0
			Method Description:	EPA 6010B							
Eastman Avenue Elementary School	EAES-SS-01	8/7/2026	Landscaping - north campus	8.7	0.40	5.9	25	28	<18	280	11
	EAES-SS-02	8/7/2026	Landscaping - north campus (duplicate)	8.1	<0.5	6.1	25	27	<25	280	12
	EAES-GS-01	8/7/2026	Garden	<3.0	<0.40	2.4	46	11	<20	140	5.8

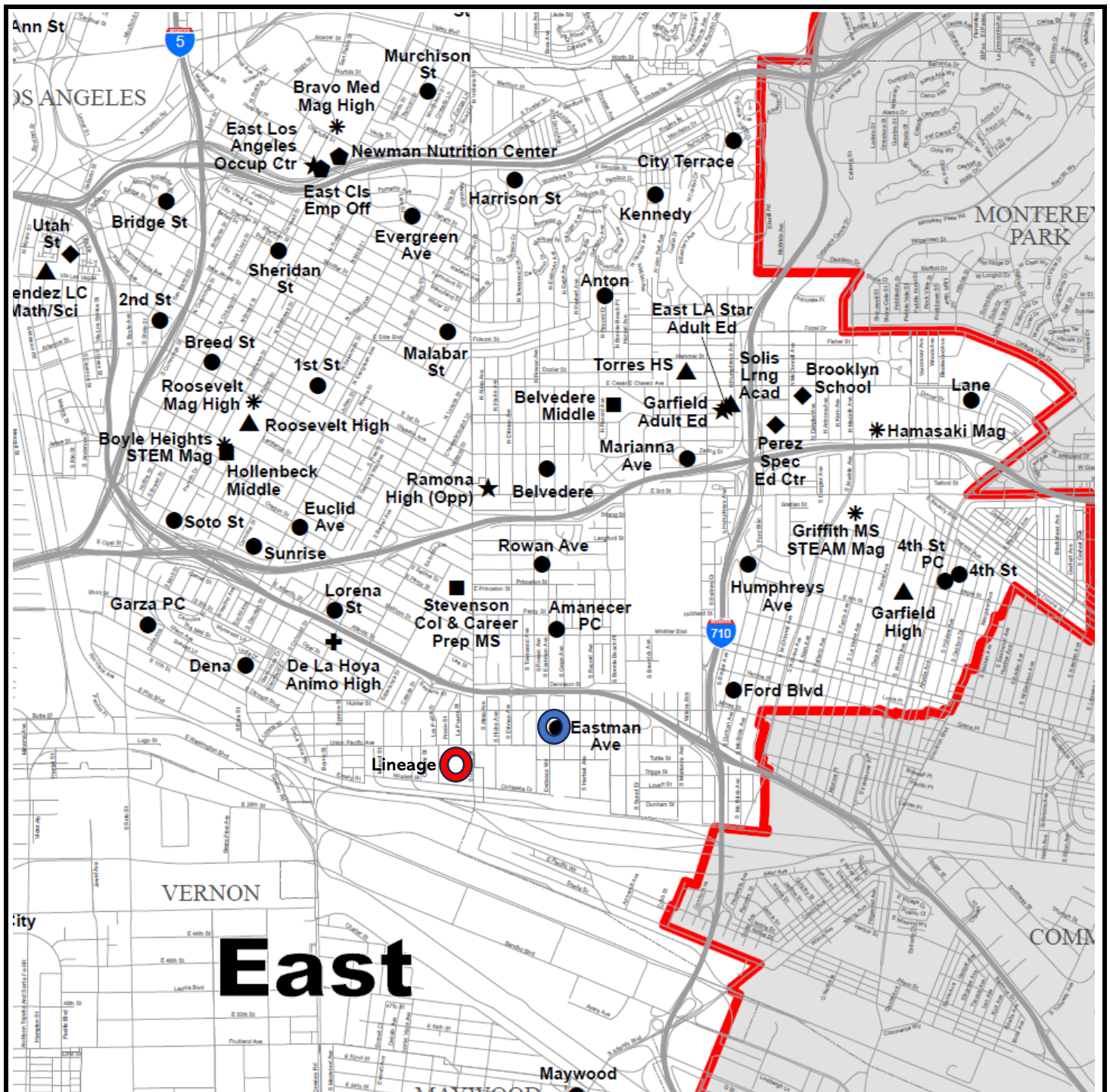
Notes:

Bold indicates sample result detected above laboratory Reporting Limit (RL)

mg/kg = milligrams per kilogram

< = Not detected at or above the indicated laboratory reporting limit (RL).

FIGURES



Legend

-  Lineage Logistics facility
-  School site



Lineage Industrial Fire 2026
Eastman Elementary School
4112 E Olympic Blvd
Los Angeles, CA 90023

Figure 1 - Sample Location Map

Figure 2 - Sample Location Map

APPENDIX A

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

PREPARED FOR

Attn: Rocio Quinones
Los Angeles Unified School District
333 South Beaudry Avenue
21st Floor
Los Angeles, California 90017

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JOB DESCRIPTION

Eastman EL

JOB NUMBER

775-22865-1

Eurofins Built Environment Testing Richmond

Job Notes

AIHA LAP, LLC Accreditation ID 100531

Any reported concentrations are calculated as a convenience to the customer, and their overall accuracy depends on the accuracy of both sampling information provided to Eurofins Analytics (area swabbed for surface samples, air volumes/times for air samples, etc) and analyte amounts found by laboratory analysis. If diffusive air samplers were tested, air volumes are calculated from the customers' reported sampling times and manufacturer's published sampling rates.

A result reported with a '<' value included represents the Reporting Limit for this "non-detect" measurement.

Unless otherwise noted, results are not corrected for blank values.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Built Environment Testing - Richmond Project Manager.

Compliance Statement

AIHA LAP, LLC Accreditation ID 100531

Authorization



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Authorized for release by
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Definitions/Glossary

Client: Los Angeles Unified School District
Project/Site: Eastman EL

Job ID: 775-22865-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Los Angeles Unified School District
Project: Eastman EL

Job ID: 775-22865-1

Job ID: 775-22865-1

Eurofins Built Environment Testing Richmond

**Job Narrative
775-22865-1**

REVISION

The report being provided is a revision of the original report sent on 8/6/2026. The report (revision 1) is being revised due to client wants all concentrations in ug/m3.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/3/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

IH - HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

IH - General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Los Angeles Unified School District
Project/Site: Eastman EL

Job ID: 775-22865-1

Client Sample ID: 260728AC-01 HF

Lab Sample ID: 775-22865-1

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Air Volume: 795 L

Sample Container: IH - Cassette MCE/TreatB 37mm 3PC, C-13

Method: NIOSH 7902 M - NIOSH 7902 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result	Analyzed
Fluoride, Gaseous	NIOSH 7902 M	795			<5.00		5.00	<6.29		08/04/26 15:42
Fluoride, Particulate	NIOSH 7902 M	795			<5.00		5.00	<6.29		08/05/26 15:56
Fluoride	NIOSH 7902 M	795			<10.0		10.0	<12.6		08/05/26 15:56

Client Sample ID: 260728AC-02 HF

Lab Sample ID: 775-22865-2

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Air Volume: 753 L

Sample Container: IH - Cassette MCE/TreatB 37mm 3PC, C-13

Method: NIOSH 7902 M - NIOSH 7902 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result	Analyzed
Fluoride, Gaseous	NIOSH 7902 M	753			<5.00		5.00	<6.64		08/04/26 15:42
Fluoride, Particulate	NIOSH 7902 M	753			<5.00		5.00	<6.64		08/05/26 15:56
Fluoride	NIOSH 7902 M	753			<10.0		10.0	<13.3		08/05/26 15:56

Client Sample ID: 260728AC-03 HF

Lab Sample ID: 775-22865-3

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Air Volume: 711 L

Sample Container: IH - Cassette MCE/TreatB 37mm 3PC, C-13

Method: NIOSH 7902 M - NIOSH 7902 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result	Analyzed
Fluoride, Gaseous	NIOSH 7902 M	711			<5.00		5.00	<7.03		08/04/26 15:42
Fluoride, Particulate	NIOSH 7902 M	711			<5.00		5.00	<7.03		08/05/26 15:56
Fluoride	NIOSH 7902 M	711			<10.0		10.0	<14.1		08/05/26 15:56

Client Sample Results

Client: Los Angeles Unified School District
Project/Site: Eastman EL

Job ID: 775-22865-1

Client Sample ID: 260728AC-01 FA

Lab Sample ID: 775-22865-4

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Time: 380 Min

Sample Container: IH - Assay Aldehyde PM High Rate, M-N581

Method: OSHA 1007 M - OSHA 1007 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result ppm	Analyzed
Formaldehyde	OSHA 1007 M	47			0.236		0.200	5.01	0.00408	08/05/26 11:45

Client Sample ID: 260728AC-02 FA

Lab Sample ID: 775-22865-5

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Time: 360 Min

Sample Container: IH - Assay Aldehyde PM High Rate, M-N581

Method: OSHA 1007 M - OSHA 1007 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result ppm	Analyzed
Formaldehyde	OSHA 1007 M	45			0.291		0.200	6.52	0.00531	08/05/26 11:53

Client Sample ID: 260728AC-03 FA

Lab Sample ID: 775-22865-6

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Time: 340 Min

Sample Container: IH - Assay Aldehyde PM High Rate, M-N581

Method: OSHA 1007 M - OSHA 1007 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result ppm	Analyzed
Formaldehyde	OSHA 1007 M	42			0.298		0.200	7.06	0.00575	08/05/26 12:01

Client Sample ID: 260728AC-01 AA

Lab Sample ID: 775-22865-7

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Time: 380 Min

Sample Container: IH - Assay Ammonia PM ATN584, M-N584

Method: NIOSH 6015 M - NIOSH 6015 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result ppm	Analyzed
Ammonia (NH3)	NIOSH 6015 M	11			<3.00		3.00	<274	<0.394	08/05/26 09:04

Client Sample Results

Client: Los Angeles Unified School District
Project/Site: Eastman EL

Job ID: 775-22865-1

Client Sample ID: 260728AC-02 AA

Lab Sample ID: 775-22865-8

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Time: 360 Min

Sample Container: IH - Assay Ammonia PM ATN584, M-N584

Method: NIOSH 6015 M - NIOSH 6015 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result ppm	Analyzed
Ammonia (NH3)	NIOSH 6015 M	10			<3.00		3.00	<289	<0.415	08/05/26 09:04

Client Sample ID: 260728AC-03 AA

Lab Sample ID: 775-22865-9

Date Collected: 07/28/26 00:00

Matrix: Air

Date Received: 08/03/26 09:00

Sample Time: 340 Min

Sample Container: IH - Assay Ammonia PM ATN584, M-N584

Method: NIOSH 6015 M - NIOSH 6015 (Modified)

Analyte	Analyte Method	Volume (L)	Front ug/Sample	Rear ug/Sample	Result ug/Sample	Qualifier	RL ug/Sample	Result ug/m3	Result ppm	Analyzed
Ammonia (NH3)	NIOSH 6015 M	9.8			<3.00		3.00	<306	<0.440	08/05/26 09:04

Eurofins Analytics

10329 Stony Run Lane

Ashland, VA 23005

Phone (800) 888-8061

Industrial Hygiene Samples Chain of Custody



775 22865 COC



Built Environment Testing

Client Information		Sampler: <u>Alejandro Chan</u>		Lab PM: Shannon Vandevander		Carrier Tracking No(s)		COC No.				
Sampler Email: <u>Alejandro.Chan@lausd.net</u>		Phone: <u>213-819-1034</u>		E-Mail: <u>shannon.vandevander@et.eurofinsus.com</u>				Page: Page 1 of 1				
Company: Los Angeles Unified School District								Job #:				
Address: 333 South Beaudry Ave 21st Floor		TAT Requested (days): ____ Standard 5 days Rush (Extra charges applied) ____ 4 days ____ X ____ 3 days ____ 2 days ____ 1 day ____ Same Day										
City: Los Angeles												
State Zip: CA 90017												
Phone: 213-216-5908		PO #:										
Email: <u>iosue.romero@lausd.net, ccampbell@trccompanies.com</u>		WO #:										
Project Name: <u>Boyle Heights Lineage Fire - environmental sampling</u>		Project #:		77502380								
Site (School Name):												
#	Sample Identification	Sampling Date	Media Type (cassette / badge / wipe)	If Air Sample		If Area Sample	Analytes and Methods requested				Total Number of samples	Special Instructions/Note:
				Sampling time (min)	Air Volume (L)	Area (cm2)	Air - Formaldehyde (OSHA 1007)	Air - Ammonia (NIOSH 6015M)	Air - Hydrogen Fluoride (NIOSH 7902)			
	260728AC-01 HF	7/28/26	Cassette	380	795	--			X			
	260728AC-02 HF	7/28/26	Cassette	360	753	--			X			
	260728AC-03 HF	7/28/26	Cassette	340	711	--			X			
	260728AC-01 FA	7/28/26	Badge	380	--	--	X					
	260728AC-02 FA	7/28/26	Badge	360	--	--	X					
	260728AC-03 FA	7/28/26	Badge	340	--	--	X					
	260728AC-01 AA	7/28/26	Badge	380	--	--		X				
	260728AC-02 AA	7/28/26	Badge	360	--	--		X				
	260728AC-03 AA	7/28/26	Badge	340	--	--		X				
Deliverable Requested I, II, III, IV, Other (specify)							Special Instructions/QC Requirements <u>4994 4d1 7834</u>					
Relinquished by: <u>[Signature]</u>		Date/Time: <u>7/28/26 3:09pm</u>	Company: <u>LAUSD</u>	Received by: <u>Linda Morales</u>		Date/Time: <u>7/28/26 3:15pm</u>	Company: <u>LAUSD</u>		Condition of the samples			
Relinquished by:		Date/Time:	Company:	Received by: <u>C</u>		Date/Time: <u>7/27/26 9:00</u>	Company:		Condition of the samples			
Relinquished by:		Date/Time:	Company:	Received by:		Date/Time:	Company:		Condition of the samples			

COLLIN WOODWARD

Ver: 05/06/2024

Air Sampling Sheet

Date 07/28/26 School Name: Eastman ICL

Average Relative Humidity: _____

Personnel Sampling: Alejandro Chon

Average Temperature: _____

Sample Number	Lot #:	Sample Type	Pre-/Post Survey (LPM)	Avg Flow (LPM)	Time On	Time Off	Total Time (min)	Location/Area: (Refer to drawing)	Total Volume (Liters)
01 HF	133	Hydrogen Fluoride	2.092 2.092	2.092	8:00am	2:20pm	380 min	Lunch Pavilion	795 L
02 HF	133	Hydrogen Fluoride	2.092 2.092	2.092	8:30am	2:30pm	360 min	Kindergarten	753 L
03 HF	133	Hydrogen Fluoride	2.092 2.092	2.092	9:00am	2:40pm	340 min	Room 50	711 L
01 FA	6F26	Formaldehyde	/				380 min	Lunch Pavilion	
02 FA	6F26	Formaldehyde	/				360 min	Kindergarten	
03 FA	6F26	Formaldehyde	/				340 min	Room 50	
01 AA	11B25	Ammonia	/				380 min	Lunch Pavilion	
02 AA	11B25	Ammonia	/				360 min	Kindergarten	
03 AA	11B25	Ammonia	/				340 min	Room 50	
			/						
			/						
			/						

Sample Number Prefix: 260728AC

Page _____ of _____

8/3/26 9:00

COLLIN WOODWARD

E Olympic Blvd

E Olympic Blvd

E Olympic Blvd



Eastman Avenue
Elementary School

A & A Automotive



t Development
International



S Eastman Ave

S Eastman Ave

S Gage Ave

1st
P
WIR

3
WIR 3

8
1st



BARBACOA MORALES
Tacos



Maarquez & Asociados
General Mechanic

Union Pacific Ave

Union Pacific Ave

Union Pacific Ave

Login Sample Receipt Checklist

Client: Los Angeles Unified School District

Job Number: 775-22865-1

Login Number: 22865

List Number: 1

Creator: Woodward, Collin

List Source: Eurofins Built Environment Testing Richmond

Question	Answer	Comment
The package custody seal are intact.	N/A	
The package or samples do not appear to have been compromised or tampered with.	True	
Package temperature is acceptable, if required.	True	
COC is present.	True	
COC pages signed/dated and Condition Noted.	True	
COC is filled out in ink and legible	True	
There are no discrepancies between the containers received and the COC.	True	
Sample ID's on the devices match the COC.	True	
Devices are not broken or leaking.	True	
Sample custody seals, if present, are intact.	True	
All issues noted during receipt were communicated to Client and/or PM.	True	
Turnaround time from COC correctly noted in the login, if applicable.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Rocio Quinones
Los Angeles Unified School District
333 South Beaudry Avenue
21st Floor
Los Angeles, California 90017

Generated 8/7/2026 5:41:21 PM

JOB DESCRIPTION

Eastman ES

JOB NUMBER

775-22897-1

Eurofins Built Environment Testing Richmond

Job Notes

AIHA LAP, LLC Accreditation ID 100531

Any reported concentrations are calculated as a convenience to the customer, and their overall accuracy depends on the accuracy of both sampling information provided to Eurofins Analytics (area swabbed for surface samples, air volumes/times for air samples, etc) and analyte amounts found by laboratory analysis. If diffusive air samplers were tested, air volumes are calculated from the customers' reported sampling times and manufacturer's published sampling rates.

A result reported with a '<' value included represents the Reporting Limit for this "non-detect" measurement.

Unless otherwise noted, results are not corrected for blank values.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Built Environment Testing - Richmond Project Manager.

Compliance Statement

AIHA LAP, LLC Accreditation ID 100531

Authorization



Generated
8/7/2026 5:41:21 PM

Authorized for release by
Shannon Vandevander, Principal Project Manager
shannon.vandevander@et.eurofinsus.com
(800)888-8061



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Chain of Custody	13
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Definitions/Glossary

Client: Los Angeles Unified School District
Project/Site: Eastman ES

Job ID: 775-22897-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
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EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Los Angeles Unified School District
Project: Eastman ES

Job ID: 775-22897-1

Job ID: 775-22897-1

Eurofins Built Environment Testing Richmond

Job Narrative 775-22897-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/3/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Eurofins Built Environment Testing Richmond

ANALYTICAL REPORT

PREPARED FOR

Attn: Mariela Guerra
Eurofins Built Environment Testing Central - Pasadena
3113 Red Bluff Road
Pasadena, Texas 77503

Generated 8/7/2026 4:28:33 PM

JOB DESCRIPTION

Eastman ES
775-22897-1 / 4654191

JOB NUMBER

740-4606-1

Eurofins Built Environment Testing

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The estimated accuracy is solely based on recovery data from internal laboratory control samples at the 95% confidence interval ($k = \sim 2$) of the level of concern. The estimated accuracy does not account for uncertainty associated with the sampling process.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Built Environment Testing - Pasadena Project Manager. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report.

Authorization



Generated
8/7/2026 4:28:33 PM

Authorized for release by
Mark Silver, Lab Director
Mark.Silver@ET.EurofinsUS.com
(713)290-0223

Sample Summary

Client: Eurofins Built Environment Testing Central - Pasadena
Project/Site: Eastman ES

Job ID: 740-4606-1
SDG: 775-22897-1 / 4654191

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
740-4606-1	260728AC-01W	Wipe	07/28/26 00:00	08/04/26 12:06	Texas
740-4606-2	260728AC-02W	Wipe	07/28/26 00:00	08/04/26 12:06	Texas
740-4606-3	260728AC-03W	Wipe	07/28/26 00:00	08/04/26 12:06	Texas

Client Sample Results

Client: Eurofins Built Environment Testing Central - Pasadena
Project/Site: Eastman ES

Lab Job No: 740-4606-1
775-22897-1 / 4654191

Client Sample ID: 260728AC-01W

Lab Sample ID: 740-4606-1

Date Collected: 07/28/26 00:00

Matrix: Wipe

Date Received: 08/04/26 12:06

Analyte	Result	Qualifier	RL	Unit	Dil	Fac	Analyzed	Method	Analyst
Lead	0.0193		0.00250	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Cadmium	<0.100		0.100	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Lithium	<0.0250		0.0250	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Nickel	<0.100		0.100	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Arsenic	<0.250		0.250	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Copper	<0.250		0.250	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Manganese	0.0293		0.0250	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB
Cobalt	<0.0250		0.0250	ug/cm2	10		08/06/26 15:29	NIOSH 9102	AB

Client Sample ID: 260728AC-02W

Lab Sample ID: 740-4606-2

Date Collected: 07/28/26 00:00

Matrix: Wipe

Date Received: 08/04/26 12:06

Analyte	Result	Qualifier	RL	Unit	Dil	Fac	Analyzed	Method	Analyst
Lead	0.00818		0.00250	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Cadmium	<0.100		0.100	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Lithium	<0.0250		0.0250	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Nickel	<0.100		0.100	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Arsenic	<0.250		0.250	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Copper	<0.250		0.250	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Manganese	0.0328		0.0250	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB
Cobalt	<0.0250		0.0250	ug/cm2	10		08/06/26 15:32	NIOSH 9102	AB

Client Sample ID: 260728AC-03W

Lab Sample ID: 740-4606-3

Date Collected: 07/28/26 00:00

Matrix: Wipe

Date Received: 08/04/26 12:06

Analyte	Result	Qualifier	RL	Unit	Dil	Fac	Analyzed	Method	Analyst
Lead	<0.00250		0.00250	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Cadmium	<0.100		0.100	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Lithium	<0.0250		0.0250	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Nickel	<0.100		0.100	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Arsenic	<0.250		0.250	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Copper	<0.250		0.250	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Manganese	<0.0250		0.0250	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB
Cobalt	<0.0250		0.0250	ug/cm2	10		08/06/26 15:34	NIOSH 9102	AB

Eurofins Built Environment Testing

Accreditation/Certification and Definitions Summary

Client: Eurofins Built Environment Testing Central - Pasadena

Job ID: 740-4606-1

Project/Site: Eastman ES

SDG: 775-22897-1 / 4654191

Laboratory: Eurofins Built Environment Testing

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
N/A	N/A	None on record.	

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Eurofins Built Environment Testing Central - Pasadena
Project/Site: Eastman ES

Job ID: 740-4606-1
SDG: 775-22897-1 / 4654191

Method	Method Description	Protocol	Laboratory
NIOSH 9102	NIOSH Method 9102	NIOSH	EJ3
Wipe Prep	Preparation, IH Wipe	NIOSH	EJ3
Wipe_Area	Wipe_Area - Metals	None	EJ3

Protocol References:

NIOSH = NIOSH Manual Of Analytical Methods, National Institute For Occupational Safety And Health, 4th Edition, August 1994 and it's Supplements
None = None

Laboratory References:

EJ3 = Eurofins Built Environment Testing, 3113 Red Bluff Road, Pasadena, TX 77503, TEL (713)290-0223

Eurofins Richmond

10320 Stony Run Lane
Ashland, VA 23005
Phone: 800-888-8061 Fax: 304-111-1111

Chain of Custody Record



Built Environment Testing

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking Ref(s)	COC No:
Client Contact: Shannon Vancevander		N/A	Vancevander, Shannon	N/A	775-8929.1
Shipping/Receiving		Phone	E-Mail	State of Origin	Page 1 of 1
Eurofins Built Environment Testing Center		N/A	shannon.vancevander@eurofins.com	California	775-22897.1
Address: 3113 Red Bluff Road		Due Date Requested:	Analysis Requested		Preservation Codes:
City: Pasadena	State, zip: TX, 77503	8/6/2026	3 DAY		Be confirmation from client on 8/14/26
Phone: 713-290-0223 (te)	Fax #	N/A	Field Filtered Sample (Yes or No)		Special Instructions/Note:
Email: N/A	MO #	N/A	Perform MS/MSD (Yes or No)		
Project Name: Eastman ES	Project #	77502380	SUB - NIOSH 9102 - N9102 ICP-MS (Eq. EPA6020)		
Soc: N/A	SSOW	N/A	As, Cd, Co, Cu, Pb, Li, Mn, Ni = Be possibly		
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (M=metal, S=soil, O=organic, W=water, A=air)
260728AC-01W (775-22897.1)	7/28/26	Pacific	G	Wipe	X
260728AC-02W (775-22897.2)	7/28/26	Pacific	G	Wipe	X
260728AC-03W (775-22897.3)	7/28/26	Pacific	G	Wipe	X
Total Number of containers		100 cm ³			
Empty Kit Relinquished by:		Date	Time	Method of Shipment	Company
Relinquished by: Shannon Vancevander		8/30/26	1643	Received by: [Signature]	8/14/26
Relinquished by:		Date/Time	Company	Received by:	Date/Time:
Relinquished by:		Date/Time	Company	Received by:	Date/Time:
Custody Seals Intact: A Yes A No		Custody Seal No.:			

Eurofins Analytics

10329 Stony Run Lane
Ashland, VA 23005
Phone (800) 888-8061

Industrial Hygiene Samples Chain of Custody



NE

Client Information		Sampler: Alejandro Chan		Lab PM: Shannon Vandevander		Carrier Tracking No(s): 775 22897 COC			
Sampler Email: Alejandro.Chan@lausd.net		Phone: 213-819-1634		E-Mail: shannon.vandevander@et.eurofinsus.com		Page 1 of 1			
Company: Los Angeles Unified School District						Job #:			
Address: 333 South Beaudry Ave 21st Floor		TAT Requested (days): Standard 5 days							
City: Los Angeles		Rush (Extra charges applied): 4 days X 3 days							
State/Zip: CA, 90017		2 days 1 day Same Day							
Phone: 213-216-5908		PO #:							
Email: josue.romero@lausd.net, ccampbell@trccompanies.com		WO #:							
Project Name: Boyle Heights Lineage Fire - environmental sampling		Project #: 77502380							
Site (School Name): Eastman ES									
#	Sample Identification	Sampling Date	Media Type (cassette / badge / wipe)	If Air Sample Sampling time (min)	Air Volume (L)	If Area Sample Area (cm2)	Analytes and Methods requested Wipe - Metals (NIOSH 9102) As, Cd, Co, Cu, Pb, Li, Mn, Ni Wipe - Metals (NIOSH 9102) Be	Total Number of samples	Special Instructions/Note:
	260728 AC-01W	7/28/26	Wipe	--	--	100	X		
	260728 AC-02W	7/28/26	Wipe	--	--	100	X		
	260728 AC-03W	7/28/26	Wipe	--	--	100	X		
	260728 AC-01W	7/28/26	Wipe	--	--			X	Hold
	260728 AC-02W	7/28/26	Wipe	--	--			X	Hold
	260728 AC-03W	7/28/26	Wipe	--	--			X	Hold
				--	--				
				--	--				
				--	--				
				--	--				
				--	--				
				--	--				
Deliverable Requested I, II, III, IV, Other (specify)							Special Instructions/QC Requirements		
Relinquished by: AC	Date/Time: 7/28/26 3:00 PM	Company: LAUSD	Received by: Lynada Morales	Date/Time: 7/28/26 3:00 PM	Company: 4008-326	Condition of the samples			
Relinquished by:	Date/Time:	Company:	Received by: Dustin	Date/Time: 4008-326	Company:	Condition of the samples			
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	Condition of the samples			

Ver: 05/06/2024

4994 4011834

Wipe – Sampling Sheet

 Date 07/28/26 School Name: Eastman EL

Average Relative Humidity: _____

 Personnel Sampling: Alejandro Chan

Average Temperature: _____

Sample Number	Building & Room/Area	Surface	Dimension of Samples Area (cm X cm)	Media Lot #	Total Area (cm ²)
-01W	outdoor Lunch Pavilion	Table	10cm X 10cm	13B2	100cm ²
-02W	Student yard Kinder	Slide	10cm X 10cm	13B2	100cm ²
-03W	Room 50	Table	10cm X 10cm	13B2	100cm ²
			X		
			X		
			X		
			X		
			X		
			X		
			X		
			X		
			X		

Sample Number Prefix 260728AC

 Page 1 of 1

E Olympic Blvd

E Olympic Blvd

E Olympic Blvd

S Eastman Ave

S Eastman Ave

S Gage Ave

Union Pacific Ave

Union Pacific Ave

t Development
International

Eastman Avenue
Elementary School

La Azteca

A & A Automotive

BARBACOA MORALES
Tacos

Maarquez & Asociados
General Mechanic

Union Pacific Ave

①-d
WIR
3
AIR

②-3
WIR
3
AIR

WIR
AIR
③-02

Login Sample Receipt Checklist

Client: Los Angeles Unified School District

Job Number: 775-22897-1

Login Number: 22897

List Number: 1

Creator: Roberts, Crystal

List Source: Eurofins Built Environment Testing Richmond

Question	Answer	Comment
The package custody seal are intact.	N/A	
The package or samples do not appear to have been compromised or tampered with.	True	
Package temperature is acceptable, if required.	True	
COC is present.	True	
COC pages signed/dated and Condition Noted.	True	
COC is filled out in ink and legible	True	
There are no discrepancies between the containers received and the COC.	True	
Sample ID's on the devices match the COC.	True	
Devices are not broken or leaking.	True	
Sample custody seals, if present, are intact.	True	
All issues noted during receipt were communicated to Client and/or PM.	True	
Turnaround time from COC correctly noted in the login, if applicable.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Kara Ralutin
Eurofins Built Environment Testing West, LLC
2841 Dow Ave
Suite 300
Tustin, California 92780

Generated 8/8/2026 12:07:57 AM

JOB DESCRIPTION

4658613

JOB NUMBER

570-290949-4

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Authorized for release by
Lori Thompson, Project Manager I
Lori.Thompson@et.eurofinsus.com
(657)212-3035

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Definitions/Glossary

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Eurofins Built Environment Testing West, LLC
Project: 4658613

Job ID: 570-290949-4

Job ID: 570-290949-4

Eurofins Calscience

Job Narrative 570-290949-4

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/7/2026 5:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 9.3°C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: BAS-GS-01 (570-290949-1), BAS-SS-01 (570-290949-2), BMS-SS-01 (570-290949-3), BMS-GS-02 (570-290949-4), CTES-SS-01 (570-290949-5), CDES-SS-01 (570-290949-6), DEEC-SS-01 (570-290949-7), EAES-SS-01 (570-290949-8), EAES-SS-02 (570-290949-9), EAES-GS-01 (570-290949-10), EEECS-SS-01 (570-290949-11), HES-SS-01 (570-290949-12), TRSH-SS-01 (570-290949-13), SCCP-SS-01 (570-290949-14) and SCCP-SS-02 (570-290949-15). The samples are considered acceptable since they were collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Calscience

Detection Summary

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Client Sample ID: EAES-SS-01

Lab Sample ID: 570-290949-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.7		2.7	mg/Kg	2		6010B	Total/NA
Cadmium	0.40		0.37	mg/Kg	2		6010B	Total/NA
Cobalt	5.9		1.8	mg/Kg	2		6010B	Total/NA
Copper	25		1.8	mg/Kg	2		6010B	Total/NA
Lead	28		1.8	mg/Kg	2		6010B	Total/NA
Nickel	11		1.8	mg/Kg	2		6010B	Total/NA
Manganese	280		3.7	mg/Kg	2		6010B	Total/NA

Client Sample ID: EAES-SS-02

Lab Sample ID: 570-290949-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.1		3.7	mg/Kg	2		6010B	Total/NA
Cobalt	6.1		2.5	mg/Kg	2		6010B	Total/NA
Copper	25		2.5	mg/Kg	2		6010B	Total/NA
Lead	27		2.5	mg/Kg	2		6010B	Total/NA
Nickel	12		2.5	mg/Kg	2		6010B	Total/NA
Manganese	280		5.0	mg/Kg	2		6010B	Total/NA

Client Sample ID: EAES-GS-01

Lab Sample ID: 570-290949-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	2.4		2.0	mg/Kg	2		6010B	Total/NA
Copper	46		2.0	mg/Kg	2		6010B	Total/NA
Lead	11		2.0	mg/Kg	2		6010B	Total/NA
Nickel	5.8		2.0	mg/Kg	2		6010B	Total/NA
Manganese	140		4.0	mg/Kg	2		6010B	Total/NA

Client Sample ID: EEECS-01

Lab Sample ID: 570-290949-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		3.2	mg/Kg	2		6010B	Total/NA
Cadmium	0.62		0.42	mg/Kg	2		6010B	Total/NA
Cobalt	5.6		2.1	mg/Kg	2		6010B	Total/NA
Copper	34		2.1	mg/Kg	2		6010B	Total/NA
Lead	46		2.1	mg/Kg	2		6010B	Total/NA
Nickel	11		2.1	mg/Kg	2		6010B	Total/NA
Manganese	220		4.2	mg/Kg	2		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Client Sample ID: EAES-SS-01

Lab Sample ID: 570-290949-8

Date Collected: 08/07/26 14:29

Matrix: Solid

Date Received: 08/07/26 17:45

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		2.7	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Cadmium	0.40		0.37	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Cobalt	5.9		1.8	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Copper	25		1.8	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Lead	28		1.8	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Nickel	11		1.8	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Lithium	ND		18	mg/Kg		08/07/26 20:31	08/07/26 22:33	2
Manganese	280		3.7	mg/Kg		08/07/26 20:31	08/07/26 22:33	2

Client Sample ID: EAES-SS-02

Lab Sample ID: 570-290949-9

Date Collected: 08/07/26 14:29

Matrix: Solid

Date Received: 08/07/26 17:45

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		3.7	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Cadmium	ND		0.50	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Cobalt	6.1		2.5	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Copper	25		2.5	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Lead	27		2.5	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Nickel	12		2.5	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Lithium	ND		25	mg/Kg		08/07/26 20:31	08/07/26 22:34	2
Manganese	280		5.0	mg/Kg		08/07/26 20:31	08/07/26 22:34	2

Client Sample ID: EAES-GS-01

Lab Sample ID: 570-290949-10

Date Collected: 08/07/26 14:37

Matrix: Solid

Date Received: 08/07/26 17:45

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Cadmium	ND		0.40	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Cobalt	2.4		2.0	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Copper	46		2.0	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Lead	11		2.0	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Nickel	5.8		2.0	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Lithium	ND		20	mg/Kg		08/07/26 20:31	08/07/26 22:36	2
Manganese	140		4.0	mg/Kg		08/07/26 20:31	08/07/26 22:36	2

Client Sample ID: EEECS-SS-01

Lab Sample ID: 570-290949-11

Date Collected: 08/07/26 14:48

Matrix: Solid

Date Received: 08/07/26 17:45

Method: SW846 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		3.2	mg/Kg		08/07/26 20:31	08/07/26 22:38	2
Cadmium	0.62		0.42	mg/Kg		08/07/26 20:31	08/07/26 22:38	2
Cobalt	5.6		2.1	mg/Kg		08/07/26 20:31	08/07/26 22:38	2
Copper	34		2.1	mg/Kg		08/07/26 20:31	08/07/26 22:38	2
Lead	46		2.1	mg/Kg		08/07/26 20:31	08/07/26 22:38	2
Nickel	11		2.1	mg/Kg		08/07/26 20:31	08/07/26 22:38	2

Eurofins Calscience

Client Sample Results

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Client Sample ID: EEEC-SS-01

Lab Sample ID: 570-290949-11

Date Collected: 08/07/26 14:48

Matrix: Solid

Date Received: 08/07/26 17:45

Method: SW846 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		21	mg/Kg		08/07/26 20:31	08/07/26 22:38	2
Manganese	220		4.2	mg/Kg		08/07/26 20:31	08/07/26 22:38	2

QC Sample Results

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-781163/1-A

Matrix: Solid

Analysis Batch: 781184

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 781163

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.6	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Cadmium	ND		0.49	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Cobalt	ND		2.4	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Copper	ND		2.4	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Lead	ND		2.4	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Nickel	ND		2.4	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Lithium	ND		24	mg/Kg		08/07/26 20:31	08/07/26 22:09	2
Manganese	ND		4.9	mg/Kg		08/07/26 20:31	08/07/26 22:09	2

Lab Sample ID: LCS 570-781163/2-A

Matrix: Solid

Analysis Batch: 781184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 781163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	243	222		mg/Kg		92	80 - 120
Cadmium	243	226		mg/Kg		93	80 - 120
Cobalt	243	231		mg/Kg		95	80 - 120
Copper	243	234		mg/Kg		96	80 - 120
Lead	243	231		mg/Kg		95	80 - 120
Nickel	243	228		mg/Kg		94	80 - 120
Lithium	243	230		mg/Kg		95	80 - 120
Manganese	243	231		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 570-781163/3-A

Matrix: Solid

Analysis Batch: 781184

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 781163

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	244	225		mg/Kg		92	80 - 120	1	20
Cadmium	244	231		mg/Kg		95	80 - 120	2	20
Cobalt	244	234		mg/Kg		96	80 - 120	1	20
Copper	244	237		mg/Kg		97	80 - 120	1	20
Lead	244	235		mg/Kg		96	80 - 120	2	20
Nickel	244	232		mg/Kg		95	80 - 120	2	20
Lithium	244	236		mg/Kg		97	80 - 120	2	20
Manganese	244	237		mg/Kg		97	80 - 120	3	20

QC Association Summary

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Metals

Prep Batch: 781163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-290949-8	EAES-SS-01	Total/NA	Solid	3051A	
570-290949-9	EAES-SS-02	Total/NA	Solid	3051A	
570-290949-10	EAES-GS-01	Total/NA	Solid	3051A	
570-290949-11	EEEC-SS-01	Total/NA	Solid	3051A	
MB 570-781163/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 570-781163/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-781163/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 781184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-290949-8	EAES-SS-01	Total/NA	Solid	6010B	781163
570-290949-9	EAES-SS-02	Total/NA	Solid	6010B	781163
570-290949-10	EAES-GS-01	Total/NA	Solid	6010B	781163
570-290949-11	EEEC-SS-01	Total/NA	Solid	6010B	781163
MB 570-781163/1-A	Method Blank	Total/NA	Solid	6010B	781163
LCS 570-781163/2-A	Lab Control Sample	Total/NA	Solid	6010B	781163
LCSD 570-781163/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	781163

Lab Chronicle

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Client Sample ID: EAES-SS-01

Lab Sample ID: 570-290949-8

Date Collected: 08/07/26 14:29

Matrix: Solid

Date Received: 08/07/26 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5457 g	50 mL	781163	08/07/26 20:31	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			781184	08/07/26 22:33	UFLE	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: EAES-SS-02

Lab Sample ID: 570-290949-9

Date Collected: 08/07/26 14:29

Matrix: Solid

Date Received: 08/07/26 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4008 g	50 mL	781163	08/07/26 20:31	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			781184	08/07/26 22:34	UFLE	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: EAES-GS-01

Lab Sample ID: 570-290949-10

Date Collected: 08/07/26 14:37

Matrix: Solid

Date Received: 08/07/26 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4963 g	50 mL	781163	08/07/26 20:31	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			781184	08/07/26 22:36	UFLE	EET CAL 4
Instrument ID: ICP12										

Client Sample ID: EEE-SS-01

Lab Sample ID: 570-290949-11

Date Collected: 08/07/26 14:48

Matrix: Solid

Date Received: 08/07/26 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4708 g	50 mL	781163	08/07/26 20:31	M2KZ	EET CAL 4
Total/NA	Analysis	6010B		2			781184	08/07/26 22:38	UFLE	EET CAL 4
Instrument ID: ICP12										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-28

The following analytes are included in this report, but the laboratory is not certified by California State 3082. This list may include analytes for which the agency does not offer certification :

Analysis Method	Prep Method	Matrix	Analyte
6010B	3051A	Solid	Lithium

Method Summary

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Eurofins Built Environment Testing West, LLC
Project/Site: 4658613

Job ID: 570-290949-4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-290949-8	EAES-SS-01	Solid	08/07/26 14:29	08/07/26 17:45	California
570-290949-9	EAES-SS-02	Solid	08/07/26 14:29	08/07/26 17:45	California
570-290949-10	EAES-GS-01	Solid	08/07/26 14:37	08/07/26 17:45	California
570-290949-11	EEEC-SS-01	Solid	08/07/26 14:48	08/07/26 17:45	California

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody Record

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:017

Login Sample Receipt Checklist

Client: Eurofins Built Environment Testing West, LLC

Job Number: 570-290949-4

Login Number: 290949

List Source: Eurofins Calscience

List Number: 1

Creator: Thompson, Lori

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Calscience

[illegible]