Preliminary Air Monitoring Summary

Boyle Heights Warehouse Fire
Los Angeles, California

Prepared by: Onterris Response and Recovery, LLC

Air Monitoring Period: July 3, 2026

For Planet
& Progress™

1.0 Introduction

Onterris Response and Recovery, LLC. (Onterris) personnel were contacted to provide air monitoring and environmental support regarding a cold-storage warehouse fire (herein referred to as the "Site") located at 3200 E Washington Blvd, Los Angeles, CA 90058. Onterris personnel began real-time air monitoring on behalf of Lineage Logistics on June 23, 2026, at approximately 0000 Pacific Daylight Time (PDT). This report summarizes preliminary real-time air monitoring and analytical sampling data collected by Onterris personnel between 0000 and 23:59 PDT on July 3, 2026. All data provided in this summary are preliminary and have not undergone full quality assurance and quality control (QA/QC) review and may be subject to change.

2.0 Air Monitoring and Sampling Methods

Prior to Onterris arriving to Site, a Preliminary Air Sampling and Analysis Plan (SAP) was developed to document and quantify analytes of concern potentially associated with the Site. The SAP is provided in **Appendix A** and includes air monitoring plans for Worker Monitoring, Community Monitoring, and Site Assessment. This preliminary summary will only include data from Community Monitoring.

Community Monitoring was designated at residential and commercial locations immediately surrounding the Site and measured air within the human breathing zone level. This plan incorporated two separate air monitoring strategies, which included 1) roaming real-time air monitoring using handheld direct-reading instruments at locations throughout the community upwind, downwind, and crosswind from the Site, and 2) stationary air monitoring using a combination of real-time and analytical sampling methodologies at eight discrete locations throughout the community, listed in **Table 1**. Importantly, all analytes, air sampling methodologies, and locations for stationary monitoring were conducted in coordination with the United Stated Environmental Protection Agency (US EPA) and South Coast Air Quality Management District (AQMD).

Table 1: Stationary Monitoring Locations

Location Code	Location
AS01	Humphreys Ave Elementary School
AS02	Ford Boulevard Elementary School
AS03	Maywood Elementary School
AS04	4355 Downey Road
AS05	Christopher Dena Elementary School
AS06	Lorena Street Elementary School
AS07	Eastman Elementary School
AS08	Stevenson Middle School

2.1 Real-Time Air Monitoring Methods

Real-time air monitoring was conducted by Onterris in the community surrounding the Site, in coordination with US EPA and South Coast AQMD. Two air monitoring strategies were utilized and are described below.

Roaming Community Air Monitoring

Between 0000 PDT June 23, 2026, and 0700 PDT June 26, 2026, Onterris personnel conducted roaming real-time air monitoring for carbon monoxide (CO), atmospheric flammability measured as a percentage of the lower explosive limit (%LEL), ammonia (NH_3), nitrogen dioxide (NO_2), atmospheric oxygen percentage (O_2), fine particulate matter measuring less than 2.5 micrometers ($PM_{2.5}$), coarse particulate matter measuring less than 10 micrometers (PM_{10}), sulfur dioxide (SO_2), and total volatile organic compounds (VOCs). Monitoring was conducted using Honeywell MultiRAE chemical-specific sensors and photoionization sensors (PID), Gastec colorimetric piston pumps and test tubes, and TSI SidePak AM520. MultiRAE photoionization detectors (PIDs) were equipped with 10.6 electron volt (eV) lamps as a screening tool for VOCs. Roaming Community Air Monitoring was temporarily discontinued on June 26, 2026, at the request of the US EPA and AQMD. All instrumentation was calibrated daily or in accordance with manufacturer's recommendations.

On June 26, 2026, it was requested by the Los Angeles City Fire Department for Onterris to conduct additional fenceline air monitoring at perimeter locations around the Site, as well as continue roaming operations within the community. Due to extensive structural damage to the Site, food product spoilage has been noted, likely due to exposure to unrefrigerated, ambient conditions. Aerobic and anaerobic processes during organic matter degradation can off gas chemical constituents, including NH_3, VOCs, methane (%LEL), and hydrogen sulfide (H_2S). As such, an addendum was made to the SAP (**Appendix A**) to reflect this air monitoring request for these products and at approximately 0730 PDT on June 27, 2026, Onterris field teams implemented the updated air monitoring strategy at the fenceline of the Site and within the broader community.

Stationary Air Monitoring

At the request of the US EPA and South Coast AQMD stationary real-time particulate air monitoring for $PM_{2.5}$ and PM_{10} was conducted and collocated with sampling media at eight discrete locations, listed in **Table 1**. For the beginning phase of the stationary particulate monitoring, AM520 handheld units were utilized. At each monitoring location, $PM_{2.5}$ and PM_{10} data was collected over 24-hour periods, from 0:00 PDT to 23:59 PDT, with respective real-time readings at each location yielding a daily average.

2.2 Analytical Air Sampling Methods

To compliment real-time air monitoring data collected at stationary air monitoring locations, analytical sampling for VOCs and Metals were deployed over 24-hour and 12-hour periods, respectfully, in the community (**Table 1**). In reference to the methodologies employed below, analytical air sampling refers to the collection of discrete quantities of air using containers or chemical-specific media that are sent to an off-site laboratory for chemical analysis under chain of custody. All laboratories used

for analytical air sampling are accredited laboratories under the American Industrial Hygiene Association Laboratory Accreditation Program (AIHA LAP). Condition of analytical sampling containers collected by Onterris field personnel may dictate if samples are suitable for accessioning and processing by respective laboratories. Because of this, deployed analytical samples that are tampered with by non-field personnel ahead of the collection period, or stolen, will be unavailable for laboratory processing.

Volatile Organic Compounds

Beginning June 23, 2026, Onterris personnel initially deployed air samples in the community at AS01-AS08 (**Appendix C**). Analytical air sampling used 1.4-L evacuated canisters to enable off-site laboratory analysis of VOCs via US EPA Method TO-15 in accordance with the SAP (**Appendix A**). Analytical air samples were collected for a duration of approximately 24-hours and were deployed at a height representative of the human breathing zone. From June 23, 2026, analytical samples have been deployed daily for 24-hour periods at stationary air monitoring locations AS01-AS08. Laboratory results will be made available upon receipt.

Metal Particulate Sampling

Beginning June 23, 2026, Onterris personnel deployed air samples at one upwind (AS03) and two downwind locations (AS07 and AS08; **Appendix C**) to assess airborne metal particulates. Analytical air sampling for metals utilized SKC sampling pumps calibrated to a flow rate of 3 liters per minute (L/min) and were equipped with 0.8 µm mixed cellulose ester membrane filter cassettes. Samples were collected over 12-hour (approximately 720 minute) periods at a height representative of the human breathing zone and sent to an off-site laboratory under chain of custoday for analysis of target metals via NIOSH Method 7303. Sample volume recommendations by the laboratory were followed for achieving appropriate lower detection limits for respective metal analysis. From June 23, 2026, analytical samples have been deployed daily at stationary air monitoring locations AS03, AS07, and AS08. Laboratory results will be made available upon receipt.

3.0 Air Monitoring Results

Results of handheld real-time air monitoring are summarized in **Table 2**, **Table 3**, **Table 4**, respectively. Maps of the incident site and handheld real-time air monitoring locations are provided in **Appendix B**. VOC and Metal Particulate results was excluded from this summary as no new laboratory results were received. The map of analytical air sampling locations is provided in **Appendix C**. Meteorological data were acquired from the Santa Monica Airport and are provided in **Appendix D**.

Table 2: Community Handheld Air Monitoring Results

Collected July 3, 2026

Location Category	Analyte	Instrument	Number of Readings	Number of Detections	Concentration Range*
Community Monitoring	CO	MultiRAE	46	0	< 1 ppm
	H_2S	Gastec Tube #4LL	31	0	< 0.1 ppm
		MultiRAE	10	0	< 0.1 ppm
	% LEL	MultiRAE	45	0	< 1 %
	NH_3	MultiRAE	45	0	< 1 ppm
	NO_2	Gastec #9L	43	0	< 0.1 ppm
	O_2	MultiRAE	33	44	20.9 – 21.3 %
	$PM_{2.5}$	AM520	44	44	0.007 - 0.025 mg/m^3
	PM_{10}	AM520	44	44	0.009 - 0.031 mg/m^3
	SO_2	Gastec #5LB	43	0	< 0.01 ppm
	VOC	MultiRAE	45	0	< 0.1 ppm

Abbreviations: ppm = parts per million; mg/m^3 = milligrams per cubic meter
Note: This is a preliminary data summary, indicating that the data provided have not undergone the full quality assurance and quality control (QA/QC) process and should be considered preliminary at this time.
*Analytes with no detections are reported as less than ("<") the instrument's Limit of Detection (LOD)

Table 3: Fenceline Handheld Air Monitoring Results

Collected July 3, 2026

Location Category	Analyte	Instrument	Number of Readings	Number of Detections	Concentration Range*
Fenceline Monitoring	CO	MultiRAE	27	0	< 1 ppm
	H_2S	MultiRAE	28	0	< 0.1 ppm
	% LEL	MultiRAE	24	0	< 1 %
	NH_3	MultiRAE	33	2	4 ppm
	$PM_{2.5}$	AM520	27	27	0.007 - 0.028 mg/m^3
	PM_{10}	AM520	27	27	0.009 - 0.033 mg/m^3
	VOC	MultiRAE	29	1	0.7 ppm

Abbreviations: ppm = parts per million; mg/m^3 = milligrams per cubic meter
Note: This is a preliminary data summary, indicating that the data provided have not undergone the full quality assurance and quality control (QA/QC) process and should be considered preliminary at this time.
*Analytes with no detections are reported as less than ("<") the instrument's Limit of Detection (LOD)

Table 4: Stationary Particulate Monitoring

Collected July 3, 2026

Date	Location Code	Analyte	Number of Readings	Minimum Concentration (mg/m^3)	Maximum Concentration (mg/m^3)	Average Concentration (mg/m^3)
July 3	AS01	$PM_{2.5}$	5	0.009	0.025	0.015
		PM_{10}	5	0.011	0.020	0.015
	AS02	$PM_{2.5}$	2	0.010	0.020	0.015
		PM_{10}	2	0.015	0.018	0.017
	AS03	$PM_{2.5}$	4	0.011	0.017	0.013
		PM_{10}	4	0.014	0.020	0.017
	AS04	$PM_{2.5}$	4	0.007	0.011	0.009
		PM_{10}	4	0.011	0.014	0.013
	AS05	$PM_{2.5}$	4	0.008	0.010	0.009
		PM_{10}	4	0.010	0.017	0.014
	AS06	$PM_{2.5}$	6	0.009	0.014	0.011
		PM_{10}	6	0.010	0.017	0.013
	AS07	$PM_{2.5}$	4	0.009	0.019	0.013
		PM_{10}	4	0.010	0.022	0.015
	AS08	$PM_{2.5}$	5	0.011	0.025	0.015
		PM_{10}	5	0.009	0.031	0.017

Abbreviations: mg/m^3 = milligrams per cubic meter

† Note: This is a preliminary data summary, indicating that the data provided have not undergone the full quality assurance and quality control (QA/QC) process and should be considered preliminary at this time.

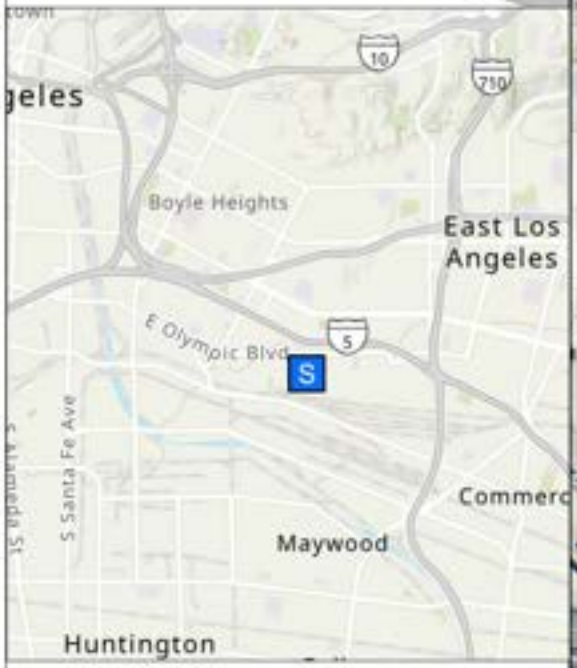
Appendix A Sampling and Analysis Plan

Appendix B Incident Site and Real-Time Air Monitoring Locations

Onterris

Boyle Heights Warehouse Fire

Incident Location
Los Angeles, CA | Los Angeles County
PROJ-069711



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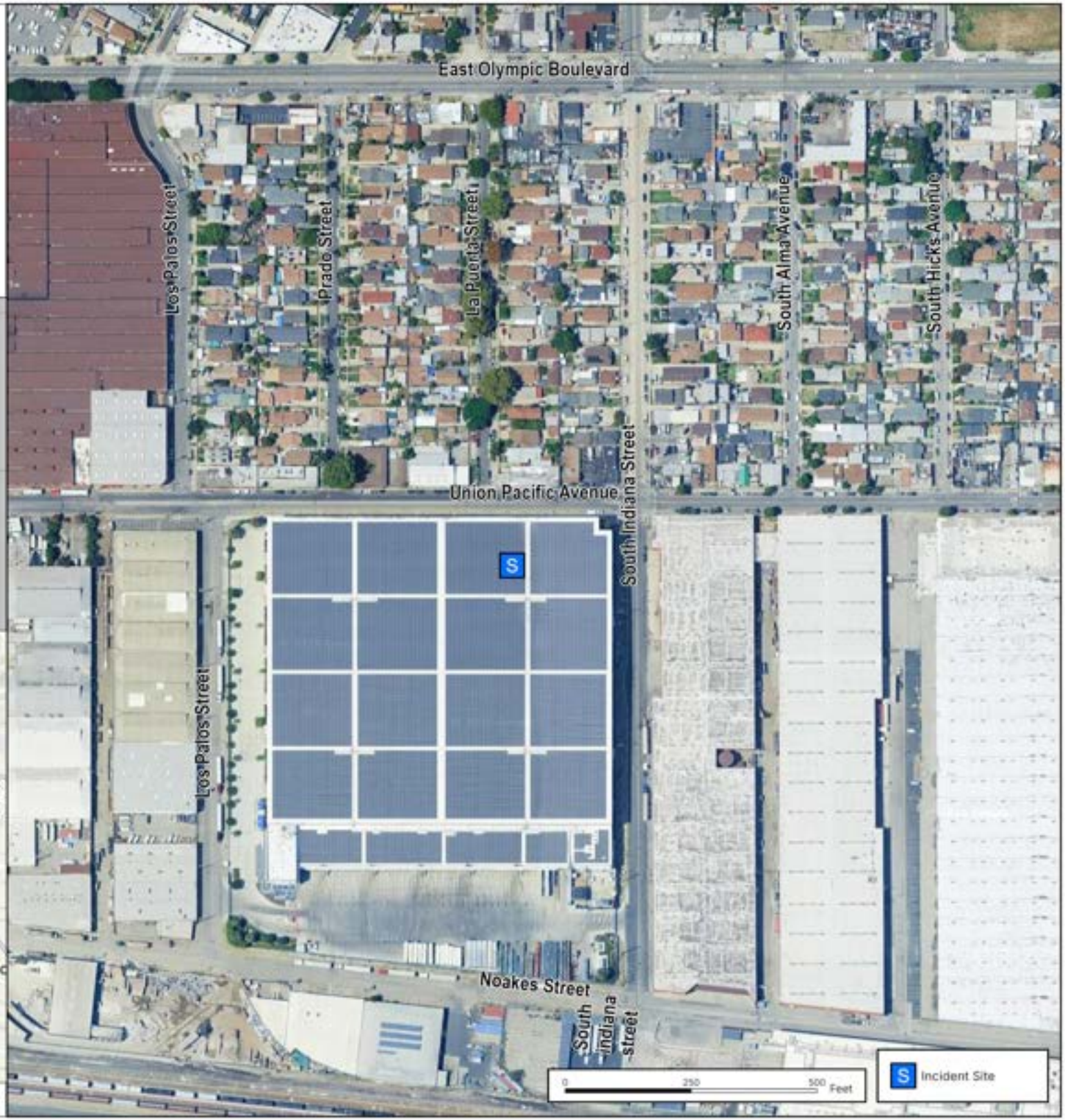
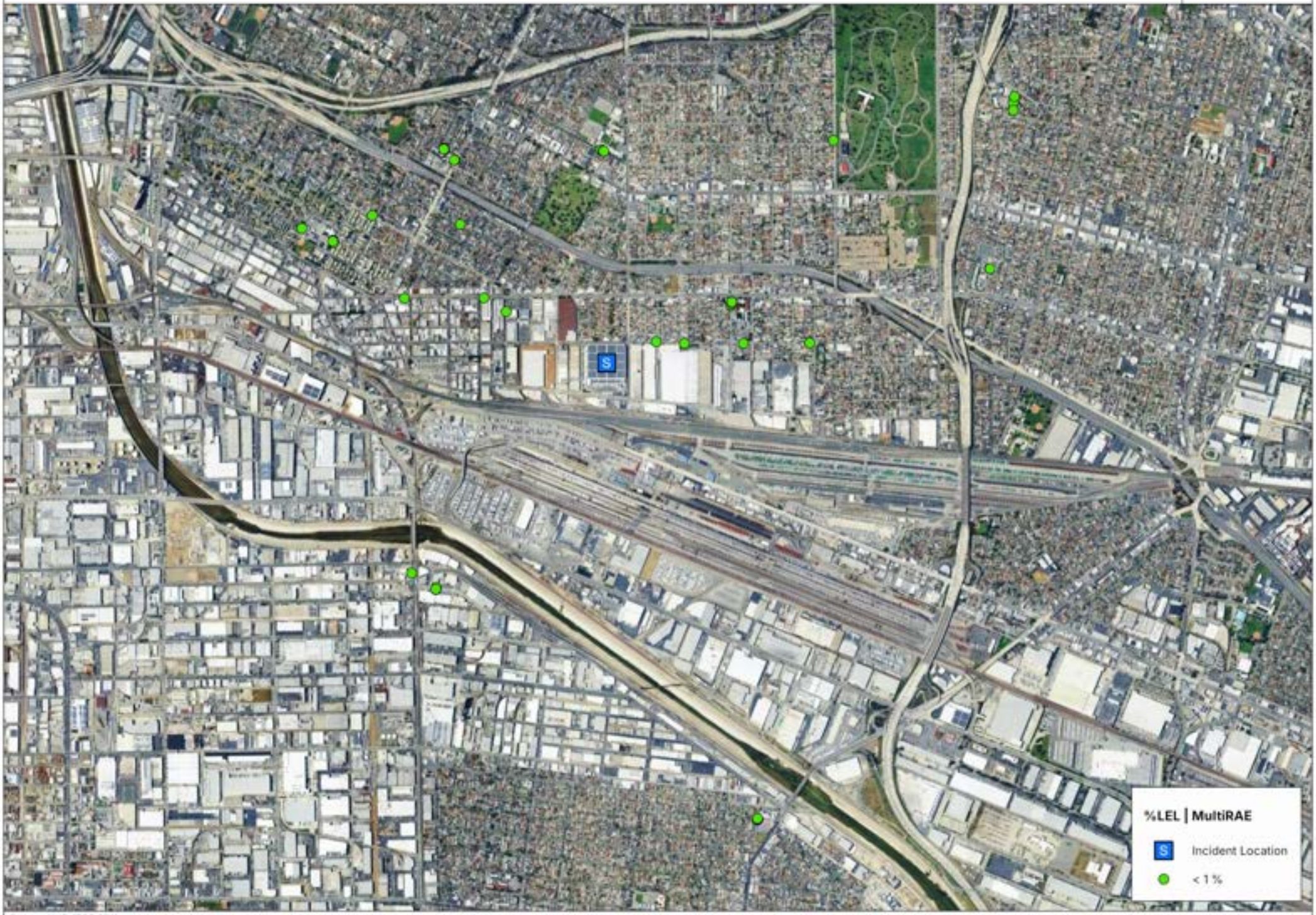


Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | %LEL

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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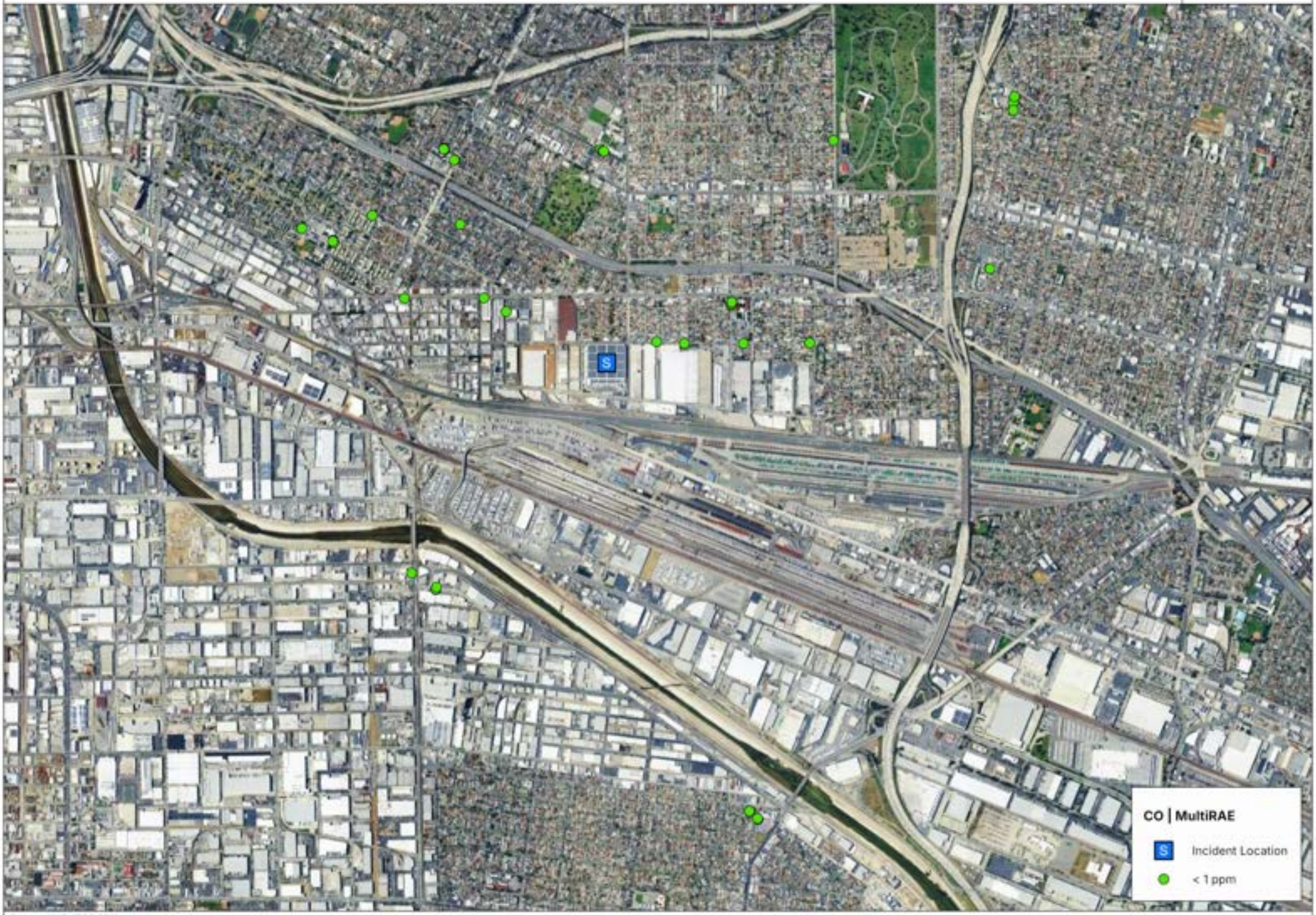
Updated at 2026-07-04 14:00

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | CO

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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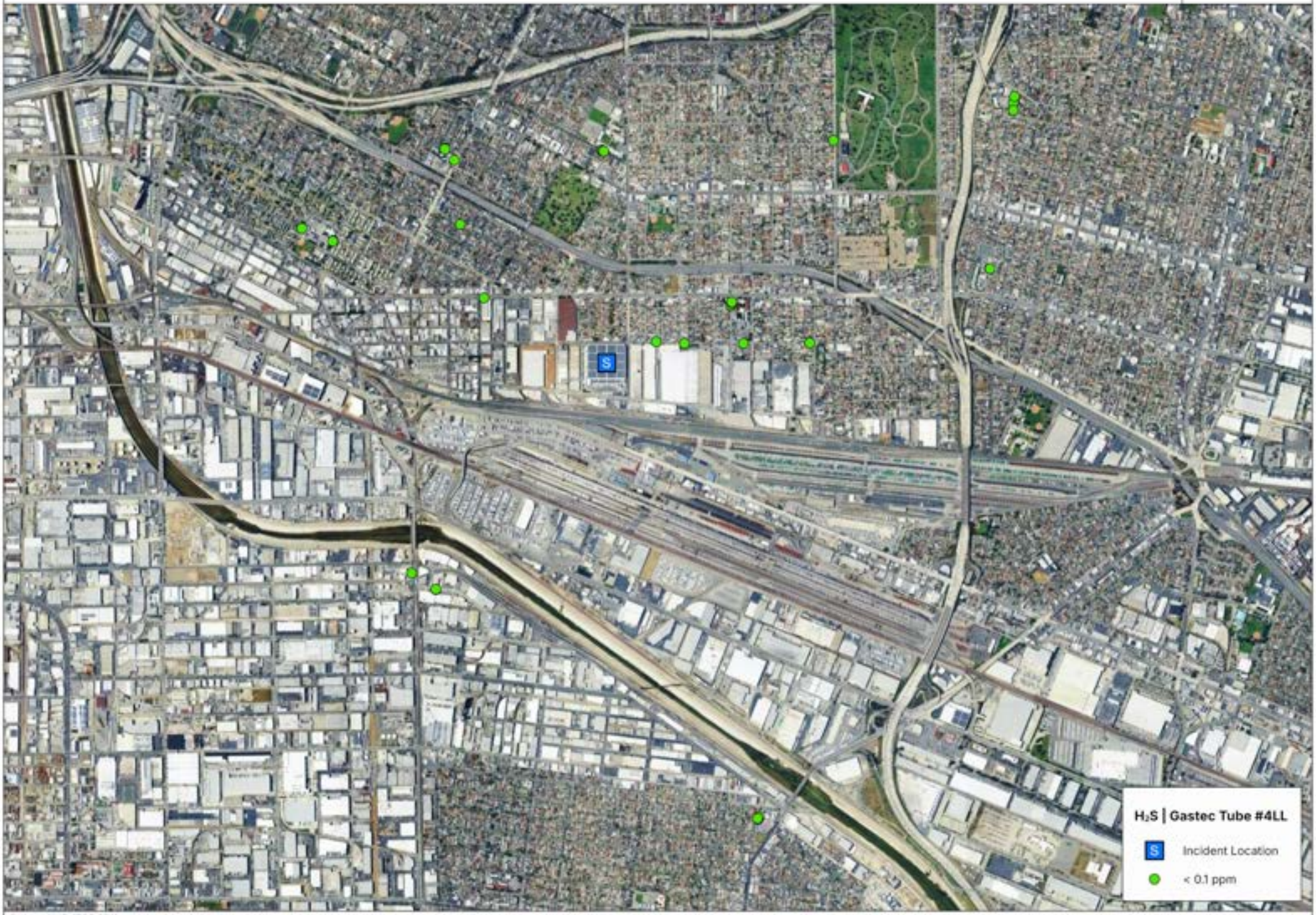
Updated at 2026-07-04 14:00

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | H_2S

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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Updated at 2026-07-04 13:59

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | H_2S

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
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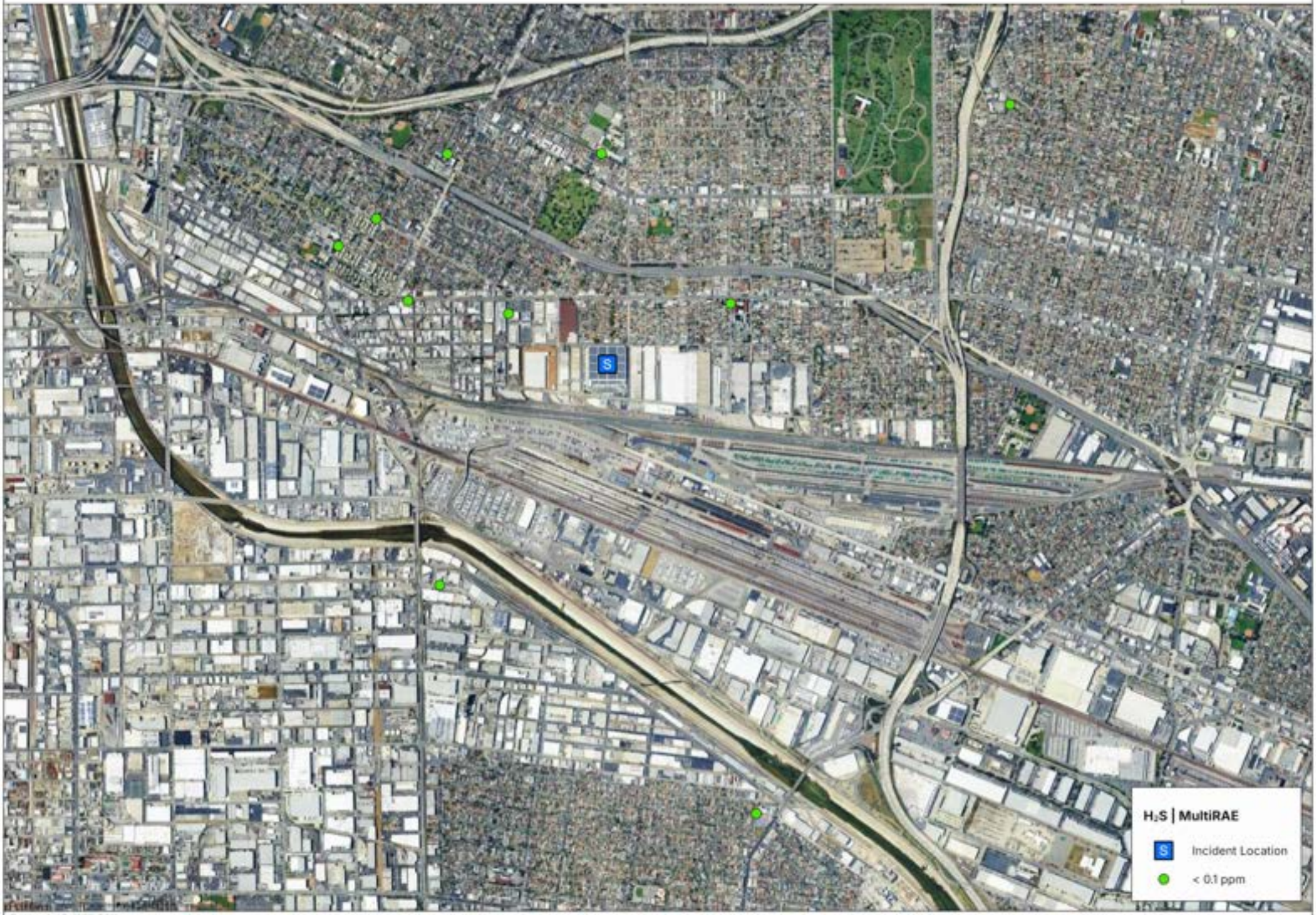
City: Los Angeles, CA
County: Los Angeles



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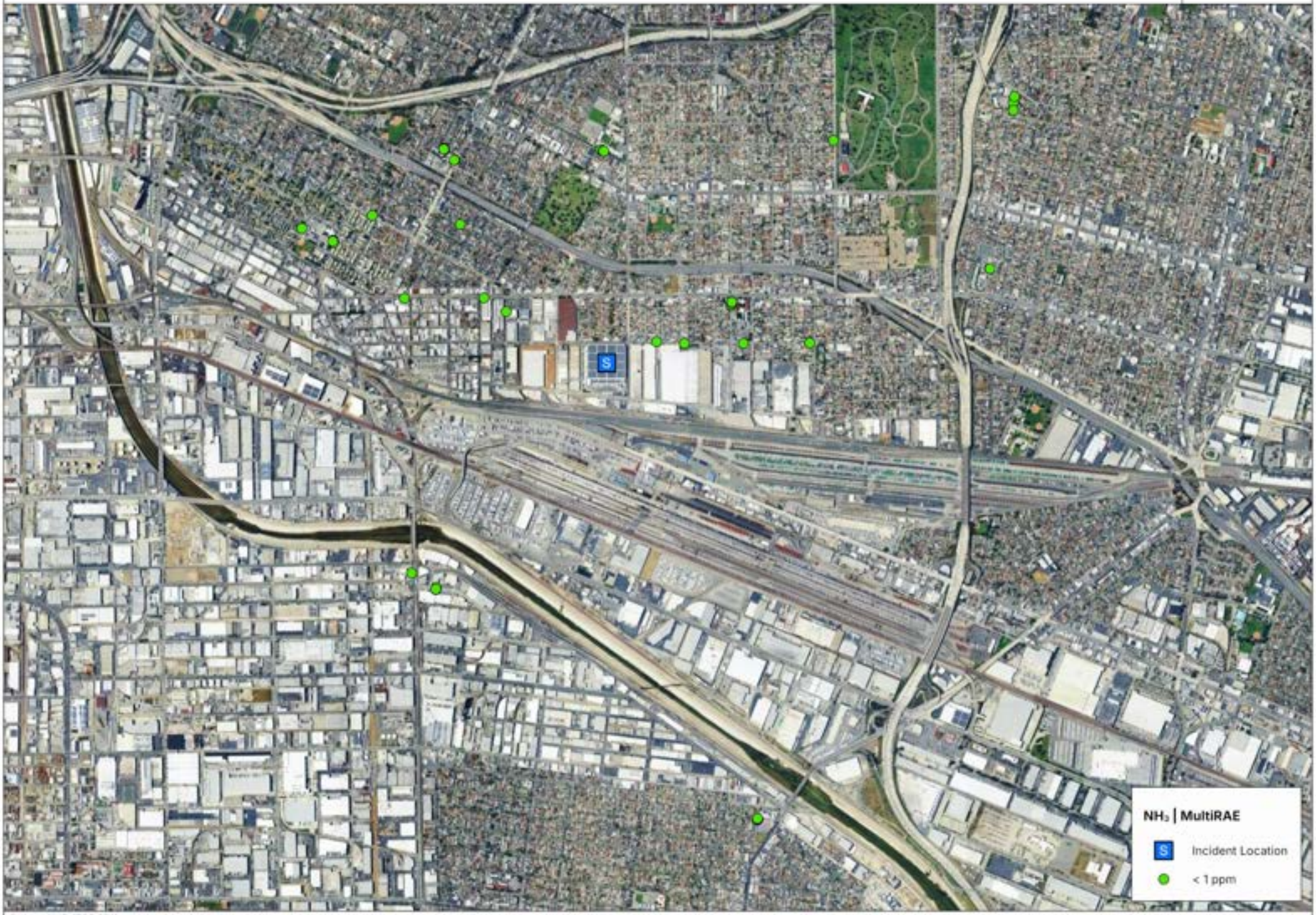
Updated at 2026-07-04 13:59

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | NH_3

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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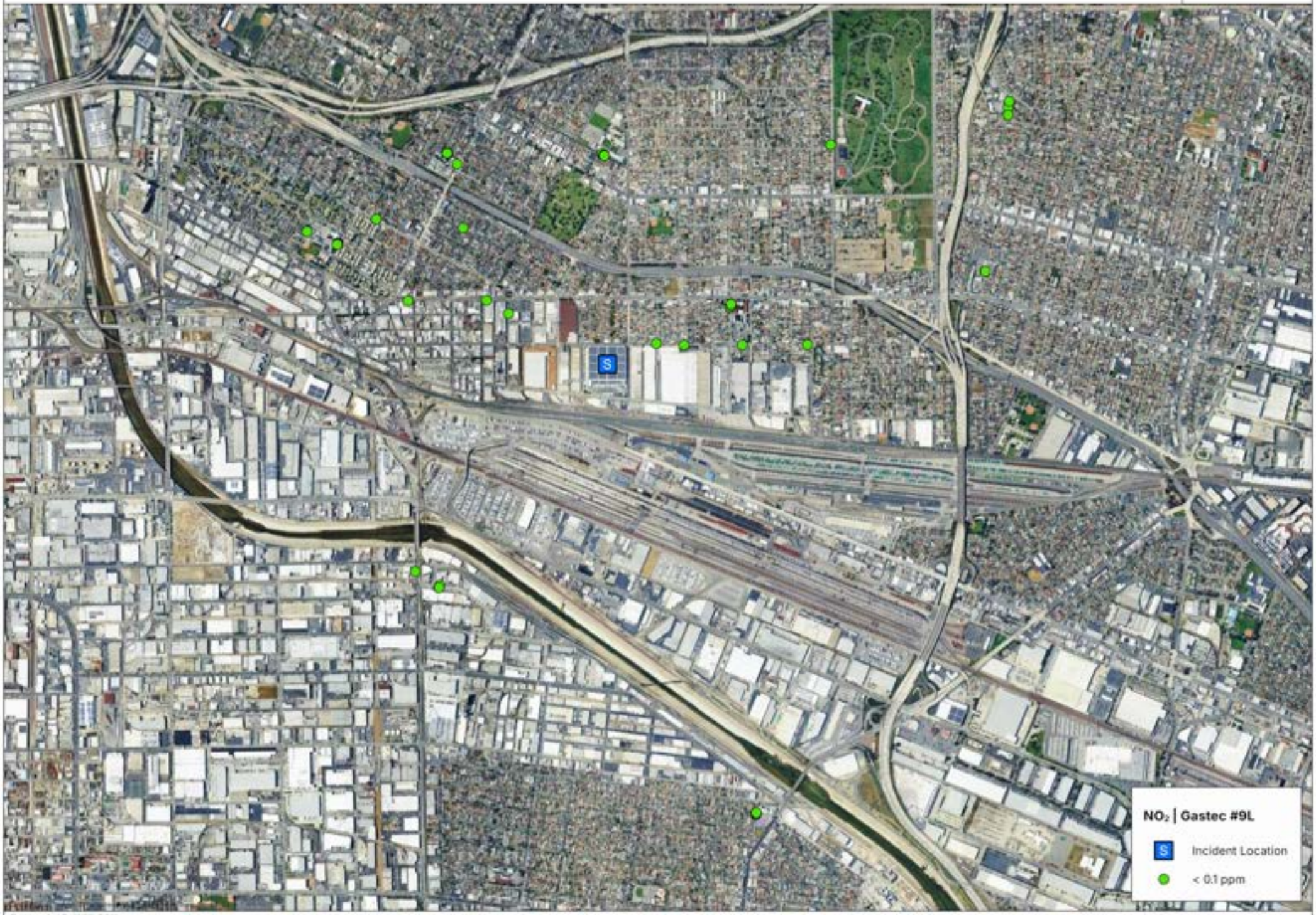
Updated at 2026-07-04 14:00

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | NO_2

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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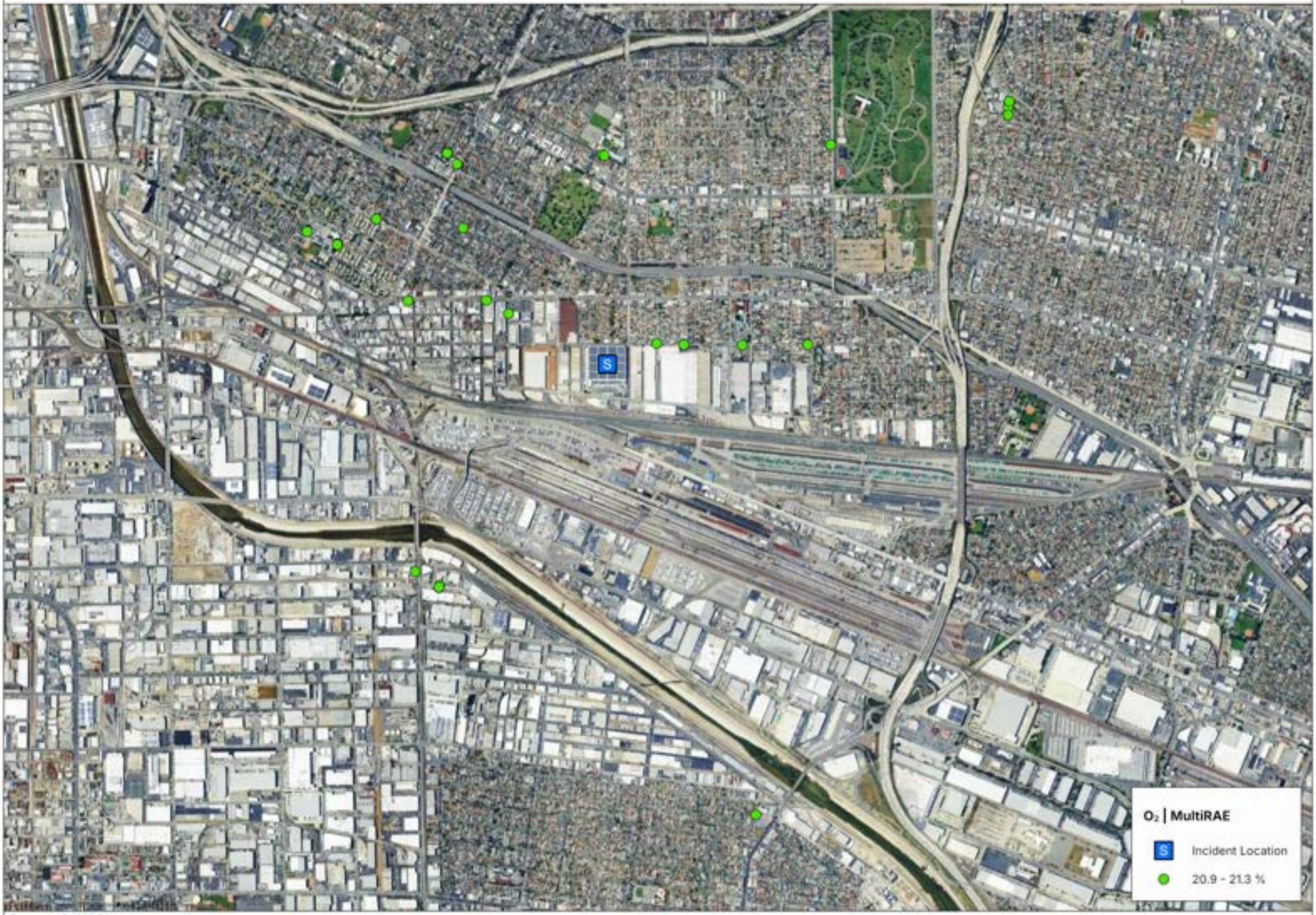
Updated at 2026-07-04 13:58

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | O_2

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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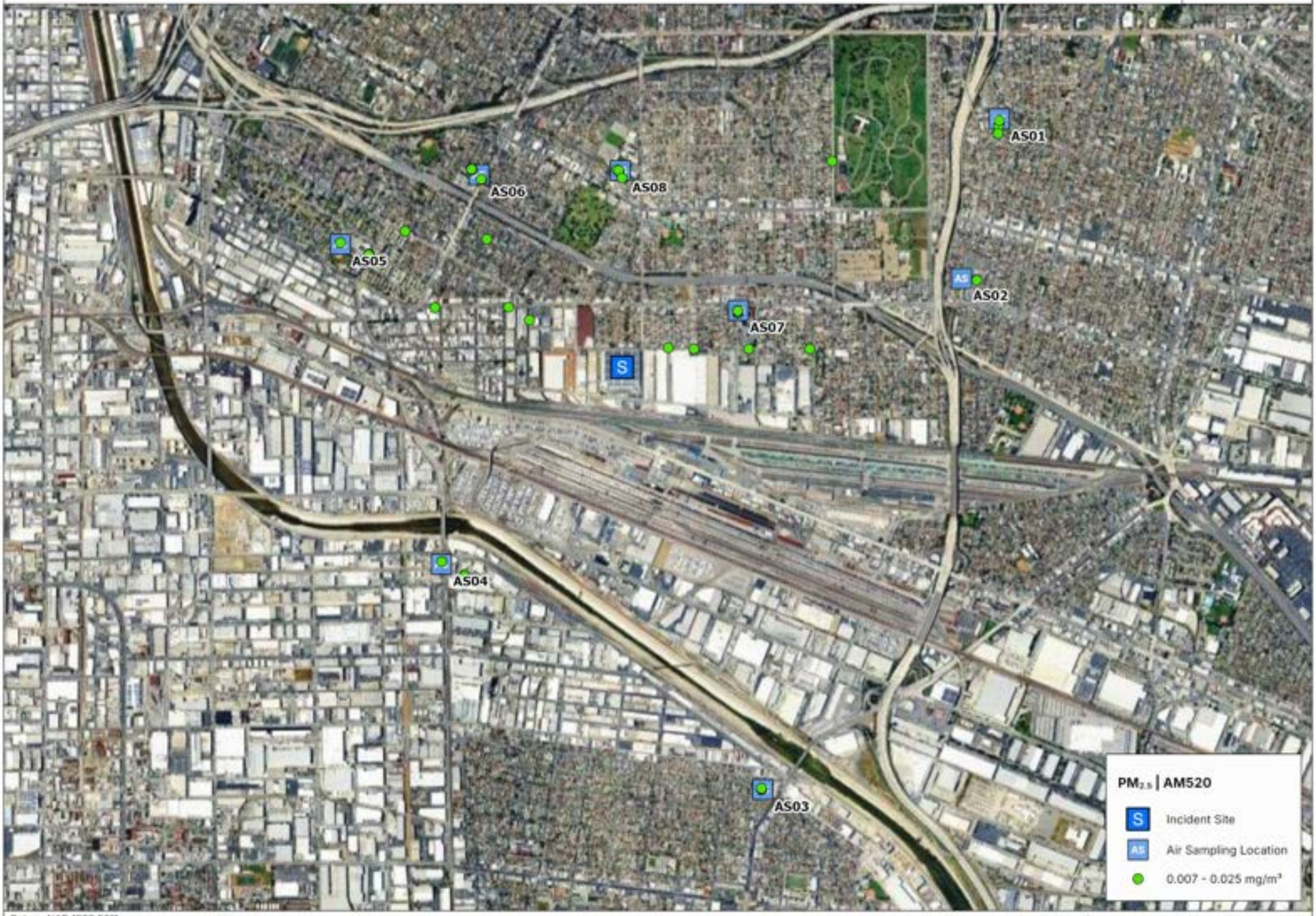
Updated at 2026-07-04 13:58

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | $PM_{2.5}$

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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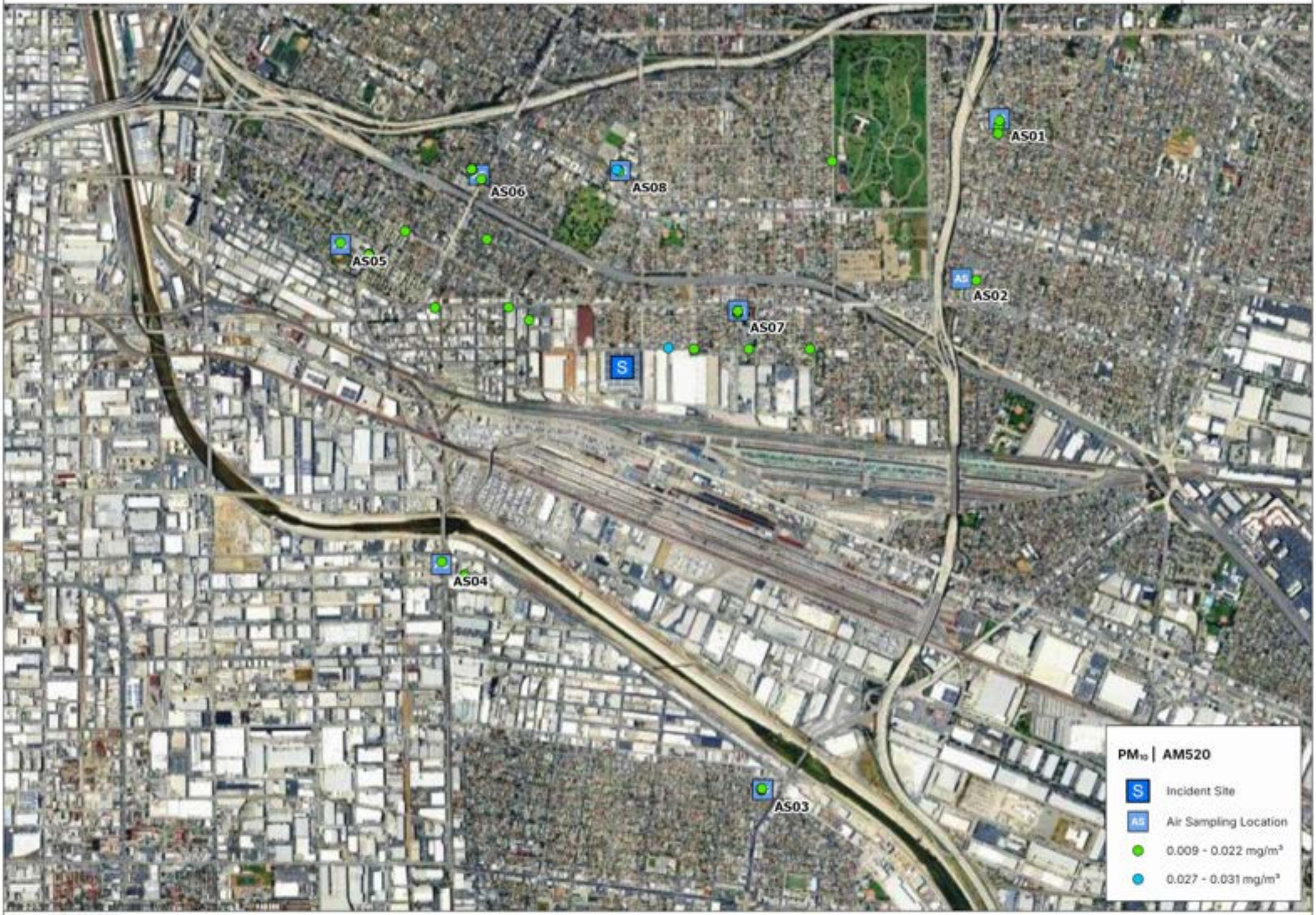
Updated at 2026-07-02 03:37

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | PM_{10}

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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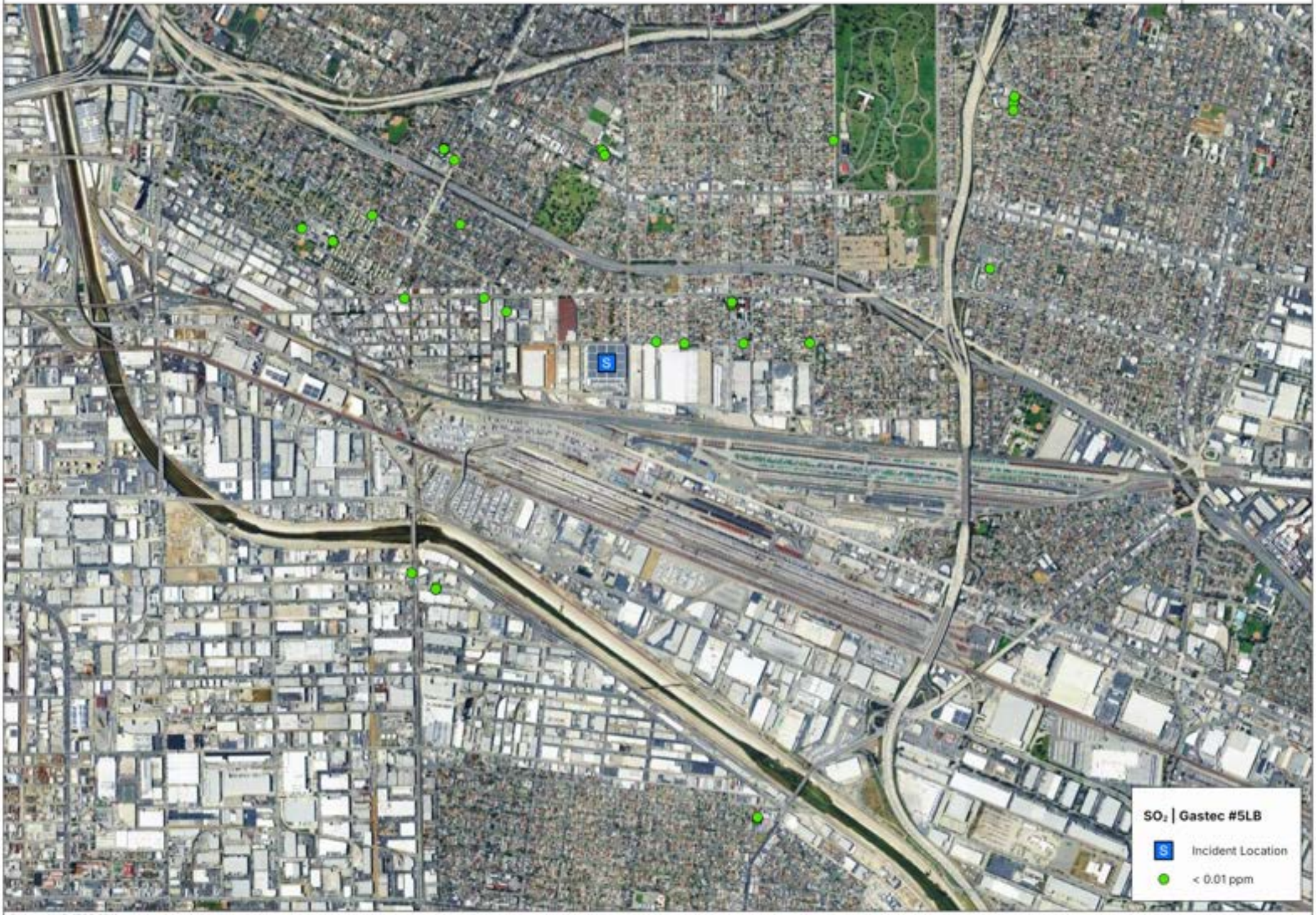
Updated at 2026-07-02 03:37

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | SO_2

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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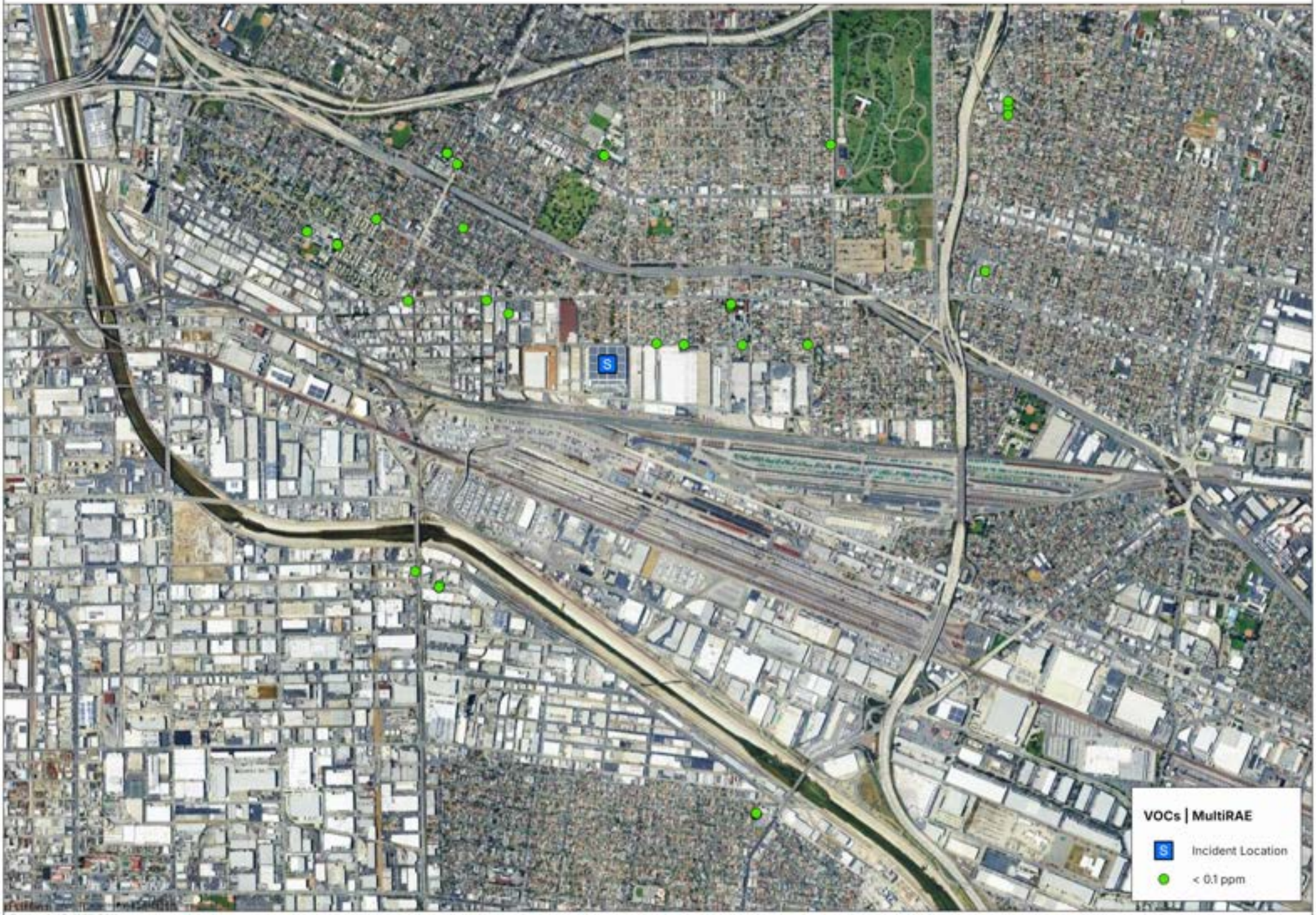
Updated at 2026-07-04 14:00

Onterris

Handheld Real-Time Air Monitoring Locations | Community Monitoring | VOCs

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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Updated at 2026-07-04 13:58

Onterris

Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | %LEL

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles

Datum: NAD 1983 2011
Projection: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US

0 50 100 Feet

N

Updated at 2026-07-04 14:01

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Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | CO

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles

Datum: NAD 1983 2011
Projection: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US

0 50 100 Feet

Updated at 2026-07-04 14:01

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Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | H_2S

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles

Datum: NAD 1983 2011
Projection: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US

0 50 100 Feet

Updated at 2026-07-04 14:01

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Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | NH_3

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles

Datum: NAD 1983 2011
Projection: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US

0 50 100 Feet

Updated at 2026-07-04 14:02

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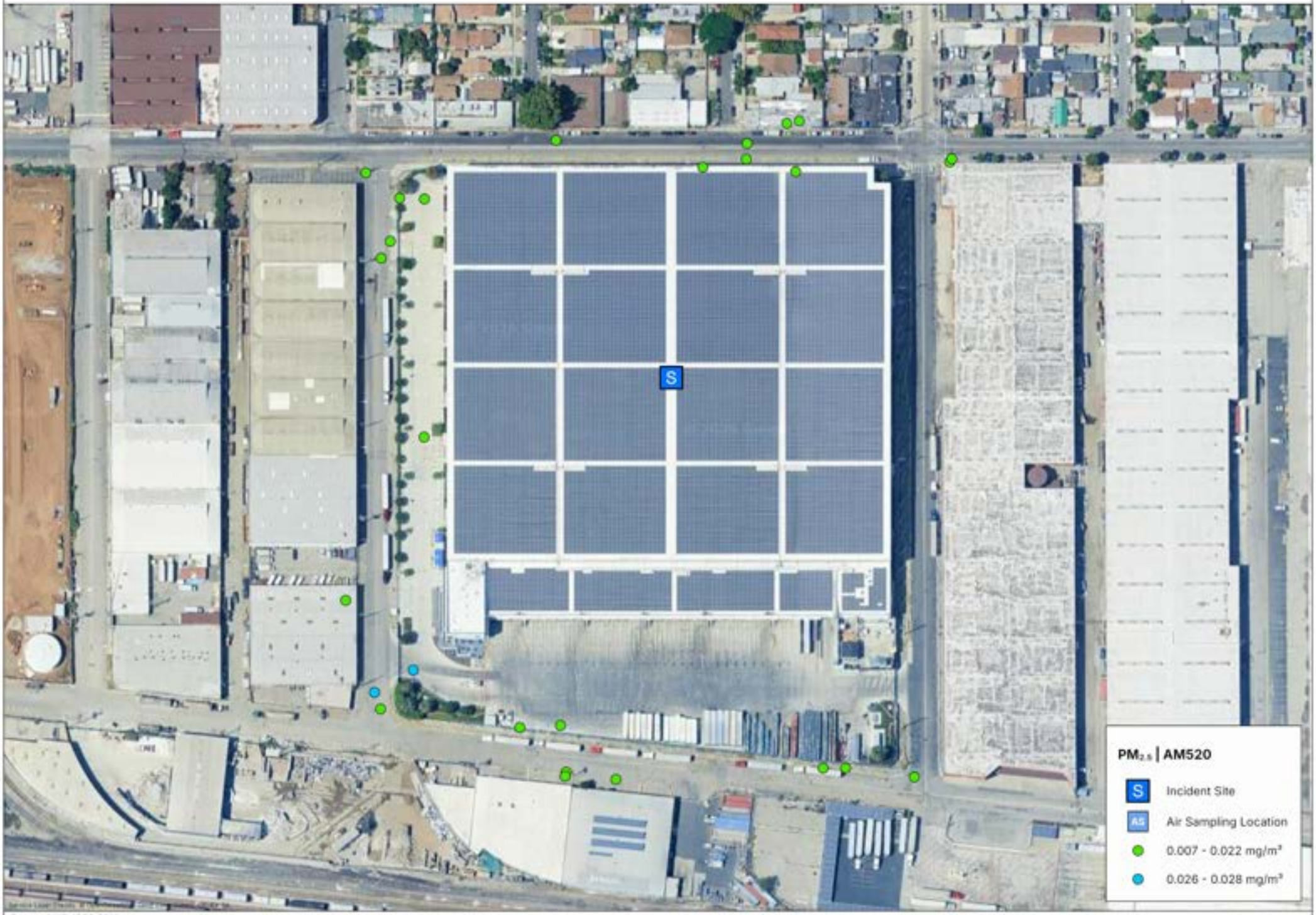
Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | $PM_{2.5}$

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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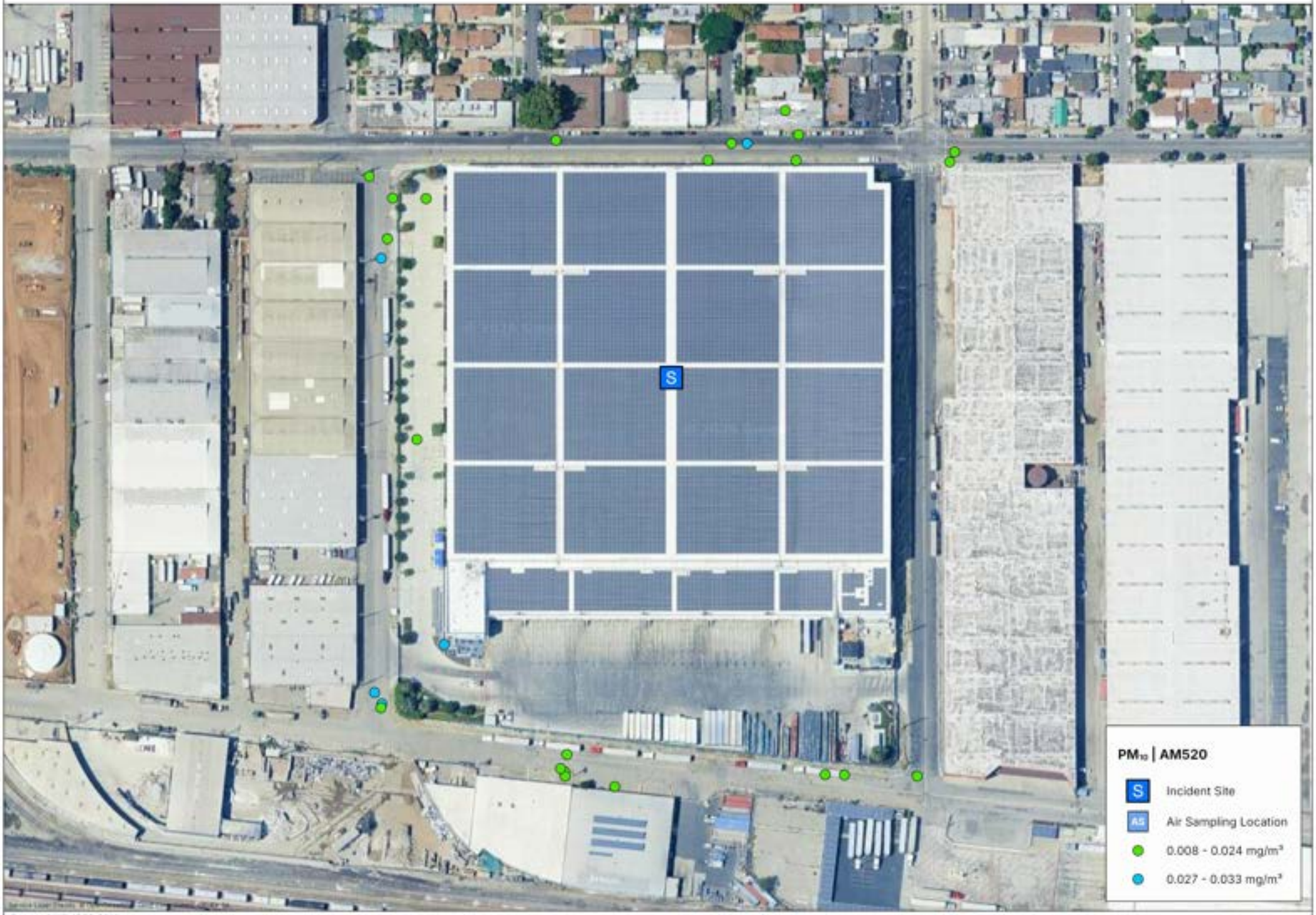
Updated at 2026-07-02 03:37

Onterris

Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | PM_{10}

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles



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Updated at 2026-07-02 03:37

Onterris

Handheld Real-Time Air Monitoring Locations | Fenceline Monitoring | VOCs

Boyle Heights Warehouse Fire | July 03, 2026

Project: 068775
Client: Lineage Logistics
City: Los Angeles, CA
County: Los Angeles

Datum: NAD 1983 2011
Projection: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US

0 50 100 Feet

N

Updated at 2026-07-04 14:01

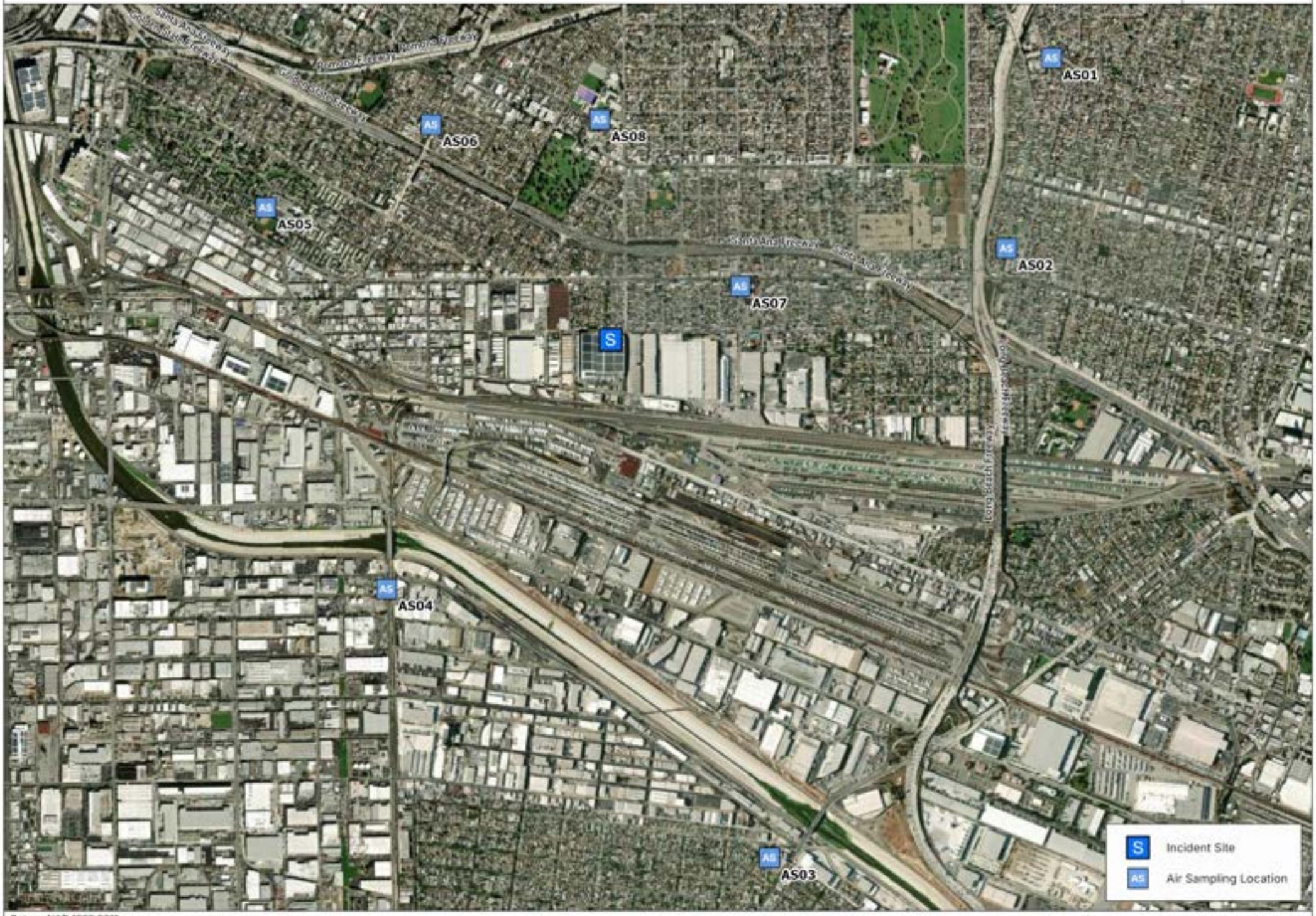
Appendix C Analytical Sampling Locations

Onterris

Air Sampling Locations

Palos Incident

Project: 069775
Client: Lineage Logistics
City: Los Angeles, CA



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0 0.5 1 Miles

Updated at 6/26/2026 12:08 PM

Appendix D Meteorological Data

Onterris

Weather Station: SANTA MONICA MUNI
07/03/2026 00:00 TO 07/03/2026 23:55