

JORDAN LANDFILL FIRE 2026 - ROVING AIR MONITORING TABLES

Run No.	Begin Time	Analyte	RV-01: North of Landfill (Background)	RV-02: Mercy Hospital	RV-03: Headstart	RV-04: Corner of East 4th and Water St	RV-05: Galena High School	Community Reference Level (TWA)
1	3/11/2026 13:30	VOC (ppb)	0	0	0	0	0	4.8 (8 hr)
		CO (ppm)	0	0	0	0	0	9 (8 hr)
		H ₂ S (ppm)	0	0	0	0	0	0.33 (8 hr)
		LEL (%)	0	0	0	0	0	>10 (NA)

Run No.	Begin Time	Analyte	RV-02: Mercy Hospital	RV-03: Headstart	RV-05: Galena High School	RV-06: Corner of 4th & Lincoln St.	RV-07: End of Wood St.	RV-08: Corner of Bellevue & 3rd St	Community Reference Level (TWA)
2	3/11/2026 18:01	VOC (ppb)	0	0	0	0	0	0	4.8 (8 hr)
		CO (ppm)	0	0	0	0	0	0	9 (8 hr)
		H ₂ S (ppm)	0	0	0	0	0	0	0.33 (8 hr)
		LEL (%)	0	0	0	0	0	0	>10 (NA)
		PM 2.5 (µg/m ³)	0	2	0	3	2	3	35 (24 hr)
		PM 10 (µg/m ³)	0	3	0	2	2	2	150 (24 hr)

Run No.	Begin Time	Analyte	RV-01: North of Landfill (Downwind)	RV-09: North on E. Front St	RV-10: NE Residential Area	RV-11: Mercy Clinic Center (East of Landfill)	RV-12: 20ft from Smolder Pit (Downwind)	RV-13: Top of Landfill (Upwind of Smolder Pit)	Community Reference Level (TWA)
3	3/12/2026 8:45	VOC (ppb)	0	0	0	0	6600*	0	4.8 (8 hr)
		CO (ppm)	0	0	0	0	6*	0	9 (8 hr)
		H ₂ S (ppm)	0	0	0	0	0	0	0.33 (8 hr)
		LEL (%)	0	0	0	0	0	0	>10 (NA)
		PM 2.5 (µg/m ³)	9	5	7	7	32	13	35 (24 hr)
		PM 10 (µg/m ³)	8	6	7	7	66	12	150 (24 hr)

*highest reading

Run No.	Begin Time	Analyte	RV-14: Directly North of Smolder Pit (Downwind)	Community Reference Level (TWA)
4	3/12/2026 12:21	VOC (ppb)	10	4.8 (8 hr)
		CO (ppm)	0	9 (8 hr)
		H ₂ S (ppm)	0	0.33 (8 hr)
		LEL (%)	0	>10 (NA)
		PM 2.5 (µg/m ³)	2	35 (24 hr)
		PM 10 (µg/m ³)	6	150 (24 hr)

Run No.	Begin Time	Analyte	RV-14: Directly North of Smolder Pit (Downwind)	RV-01: North of Landfill (Downwind)	RV-09: North on E. Front St	RV-10: NE Residential Area	RV-11: Mercy Clinic Center (East of Landfill)	RV-03: Headstart (Background)	Community Reference Level (TWA)
5	3/12/2026 14:59	VOC (ppb)	0	0	0	0	0	0	4.8 (8 hr)
		CO (ppm)	0	0	0	0	0	0	9 (8 hr)
		H ₂ S (ppm)	0	0	0	0	0	0	0.33 (8 hr)
		LEL (%)	0	0	0	0	0	0	>10 (NA)
		PM 2.5 (µg/m ³)	10	5	5	8	9	3	35 (24 hr)
		PM 10 (µg/m ³)	2	13	8	8	13	5	150 (24 hr)

Table Notes:

Analyte	Definition	Community Reference Level
CO	Carbon Monoxide	NAAQS, 8-hour TWA
H ₂ S	Hydrogen Sulfide	AEGL-1, 8-hour TWA
LEL	Lower Explosive Limit	29 CFR 1910.146 Confined Spaces
PM 2.5	Particulate Matter <2.5 microns	NAAQS, 24-hour TWA
PM 10	Particulate Matter <10 microns	NAAQS, 24-hour TWA
VOC	Volatile Organic Compounds	AEGL-1 for benzene, 8-hour TWA, with 0.53 PID CF

% Percent

< Less than

> Greater than

µg/m³ Micrograms per cubic meter

AEGL Acute Exposure Guideline Levels for Airborne Chemicals

CFR Code of Federal Regulations

NA Not applicable

NAAQS National Ambient Air Quality Standards

PID CF Photoionization detector correction factor

ppm Parts per million

ppb Parts per billion

TWA Time-weighted average