

Independent Environmental Monitoring

Scope and Monthly Overview

Monthly Overview

- Monitoring period: July 20 to 31, 2026
- Site shifts observed: 21 total shifts Mon to Fri Day and Night; Sat Day
- Distinct Work Scope during reporting period:
 - a. Daily handheld noise and dust measurements
 - b. Document field observations of work in progress
 - c. Identify Environmental Compliance Issues; document corrective actions and resolution
 - d. Document mitigation measures in place and provide recommendations
 - e. Weekly IEM Report(s)
 - f. Attend meetings with DDC/AHJV, TPC, CAB, Council Member Restler's Office

Independent Environmental Monitor (IEM) Role

	Dust	Noise
What are we documenting?	PM-10 15 min intervals & Visible dust conditions	Leq, Lmax 10 min intervals
Are IEM handheld readings conducted OUTSIDE the work area (i.e., perimeter)?	Yes <i>Directly applicable to action and/or stop work limits for public receptors</i>	Yes
Are IEM handheld readings conducted INSIDE the work area?	Yes <i>NOT directly applicable to action and/or stop work limits for public receptors</i>	Yes
Can these readings be used to verify compliance?	<i>Verification by proxy; calculation reduction by distance unavailable.</i>	<i>Use of Noise Reduction Calculations to determine noise level at nearby public receptor(s)</i>
Does IEM have stationary monitors?	CAMP PM-10 monitors to be installed	No

IEM Air and Noise Monitoring Data Summary

July 20 to 31, 2026

Summary of IEM handheld readings	PM-10 (ug/m3)	Leq (10m) (dBA)	Lmax (dBA)
Average of recorded values	22	73	N/A
Minimum of recorded values	1	63.0	63.8
Maximum of recorded values	86	82.5	106.7

Air Monitoring Action and Stop Work Levels		
Parameter	Action Level	Stop Work Level
PM-10 (15 min TWA)	100 ug/m^3 greater than upwind	150 ug/m^3 greater than upwind

Community Noise Monitoring Alert Levels		
Parameter	Daytime 7:00 am to 6:00 pm	Nighttime 6:00 pm to 7:00 am
Lmax	85 dBA	75 dBA
Leq 8hr		

Summary of Data Collected	PM-10	Leq	Lmax
Total number of handheld readings	188	187	187
Number of exceedances attributed to construction activities	0	0	1

IEM Summary of Findings

July 20 to 31, 2026

Three (3) Environmental Compliance Issues documented.

Category	#	Date Opened	Item Description	Date Closed	Days to Resolve	Action
Noise	BK-001	7/29/2026	Exceedance of Lmax limit attributed to concrete trucks via DESI handheld reading.	7/30/2026	1	Limit number of concrete trucks
Noise - Documentation	BK-002	7/27/2026	Requested information on TPC's response protocol upon receipt of exceedance alert.	7/30/2026	3	Received protocol via email
Air	BK-003	7/29/2026	Cinder block cutting work. Visible dust within work area migrating towards the Atlantic side.	7/29/2026	0	Use of water; additional tarp installed

Compliance Data

Month	Items Documented	Items Closed	Avg. Days to Close
July 2026 (07/20/2026 to 07/31/2026)	3	3	2 days

Design-Builder Best Management Practices & IEM Recommendations

Air

- Mitigation Observed:
 - Water spray
 - Plastic tarps / sheeting on interior
 - Vacuuming
 - Orange netting
 - Sweeping compound
- IEM Recommendations / Suggestions:
 - Continue existing mitigation measures
 - Ensure properly secured containment to minimize fireproofing material leaks
 - Ensure dust minimization during cleanup of fireproofing materials

Noise

- Mitigation Observed:
 - Perimeter solid fence
 - Noise blankets installed on hoist
 - Limitation on number of concrete trucks at a given time
- IEM Recommendations / Suggestions:
 - Continue existing mitigation measures
 - Use noise control methods as necessary for activities performed throughout various work areas
 - Schedule noise-producing activities to less-sensitive hours (e.g., daytime) whenever feasible