

Conn Band Instruments RV								
Weekly Air Monitoring Summary: 5/18/2026-5/22/2026								
Location	Run Duration (hours:minutes)	PM _{2.5} 8-hour TWA	PM _{2.5} STEL (Max)	PM _{2.5} Daily Max (Instantaneous)	PM ₁₀ 8-hour TWA	PM ₁₀ STEL (Max)	PM ₁₀ Daily Max (Instantaneous)	Units
5/18/2026								
Upwind	5:02	0.012	0.024	0.102	0.013	0.026	0.134	mg/m ³
Downwind 1	5:05	0.013	0.022	0.033	0.013	0.022	0.038	mg/m ³
Downwind 2	5:03	0.015	0.025	0.061	0.015	0.025	0.062	mg/m ³
5/19/2026								
Upwind	9:15	0.016	0.021	0.038	0.017	0.022	0.050	mg/m ³
Downwind 1	9:18	0.023	0.027	0.081	0.023	0.027	0.105	mg/m ³
Downwind 2	9:22	0.022	0.028	0.029	0.022	0.028	0.029	mg/m ³
5/20/2026								
Upwind	9:20	0.004	0.018	0.227	0.005	0.023	0.291	mg/m ³
Downwind 1 ^a	7:30	0.010	0.016	0.040	0.010	0.017	0.048	mg/m ³
Downwind 2	9:14	0.008	0.010	0.063	0.008	0.010	0.065	mg/m ³
5/21/2026								
Upwind	9:04	0.004	0.014	0.019	0.004	0.015	0.024	mg/m ³
Downwind 1 ^a	7:51	0.006	0.011	0.024	0.006	0.011	0.025	mg/m ³
Downwind 2	9:02	0.008	0.012	0.029	0.008	0.012	0.046	mg/m ³
5/22/2026								
Upwind	8:19	0.004	0.007	0.025	0.005	0.008	0.026	mg/m ³
Downwind 1	8:58	0.005	0.008	0.034	0.005	0.009	0.043	mg/m ³
Downwind 2	8:59	0.006	0.008	0.015	0.006	0.009	0.021	mg/m ³

Abbreviations and Notes:

mg/m ³	milligrams per cubic meter
µg/m ³	micrograms per cubic meter
NA	not applicable
PM _{2.5}	particulate matter less than 2.5 micrometers in diameter
PM ₁₀	particulate matter less than 10 micrometers in diameter
STEL	short-term exposure limit (15-minute duration)
TWA	time-weighted average

Because this is a public health concern, particulate action levels are based on the National Ambient Air Quality Standard (NAAQS) value of 150 µg/m³ (0.150 mg/m³) for PM₁₀ and 35 µg/m³ (0.035 mg/m³) for PM_{2.5}. As a result, during real-time monitoring, exceedances of the dust action levels (sustained for 5 minutes) will serve as indicators of excessive offsite migration of particulates.

^aInstrument data is unavailable or only available for part of the day's work period because of issues with instrument function (such as flow errors).