

Air Monitoring Sumary Table
Columbian Enameling Site
Terre Haute, Vigo County, Indiana
10/21/2024 through 11/8/2024

Analyte Action Level			PM 2.5 .035 mg/m3 8-hour TWA			PM 10 .150 mg/m3 8-hour TWA			Units
Location	Run Date	Duration (days:hours:minutes)	PM 2.5 8-Hr TWA	PM 2.5 STEL (Max)	PM 2.5 Daily Max (Instantaneous)	PM 10 8-Hr TWA	PM 10 STEL (Max)	PM 10 Daily Max (Instantaneous)	
Upwind	10/21/2024	NA	NA	NA	NA	NA	NA	NA	NA
Downwind	10/21/2024	00:03:56	NA	0.020	0.022	NA	0.022	0.026	mg/m3
Crosswind 1	10/21/2024	00:01:44	NA	0.138	0.033	NA	0.355	0.038	mg/m3
Crosswind 2	10/21/2024	00:04:20	NA	0.013	0.018	NA	0.017	0.033	mg/m3
Upwind	10/22/2024	NA	NA	NA	NA	NA	NA	NA	NA
Downwind	10/22/2024	00:08:22	0.020	0.028	0.044	0.023	0.032	0.06	mg/m3
Crosswind 1	10/22/2024	NA	NA	NA	NA	NA	NA	NA	NA
Crosswind 2	10/22/2024	00:08:05	0.016	0.035	0.077	0.025	0.064	0.189	mg/m3
Upwind	10/23/2024	00:03:40	NA	0.019	0.056	NA	0.044	0.18	mg/m3
Downwind	10/23/2024	00:09:17	0.022	0.035	0.040	0.025	0.037	0.064	mg/m3
Crosswind 1	10/23/2024	NA	NA	NA	NA	NA	NA	NA	NA
Crosswind 2	10/23/2024	00:09:12	0.016	0.031	0.039	0.020	0.037	0.057	mg/m3
Upwind	10/24/2024	NA	NA	NA	NA	NA	NA	NA	NA
Downwind	10/24/2024	00:09:25	0.019	0.093	0.794	0.024	0.170	1.57	mg/m3
Crosswind 1	10/24/2024	00:02:09	NA	0.009	0.062	NA	0.034	0.262	mg/m3
Crosswind 2	10/24/2024	00:08:19	0.008	0.024	0.027	0.010	0.029	0.043	mg/m3
Upwind	10/25/2024	00:06:18	NA	0.013	0.017	NA	0.031	0.044	mg/m3
Downwind	10/25/2024	00:05:36	NA	0.021	0.048	NA	0.025	0.081	mg/m3
Crosswind 1	10/25/2024	00:06:03	NA	0.012	0.014	NA	0.020	0.034	mg/m3
Crosswind 2	10/25/2024	00:06:23	NA	0.015	0.095	NA	0.031	0.276	mg/m3
Upwind	10/28/2024	00:06:13	NA	0.015	0.025	NA	0.022	0.064	mg/m3
Downwind	10/28/2024	00:08:17	0.025	0.074	0.300	0.033	0.081	0.602	mg/m3
Crosswind 1	10/28/2024	00:08:25	0.015	0.085	0.131	0.026	0.126	0.37	mg/m3
Crosswind 2	10/28/2024	00:08:10	0.009	0.037	0.044	0.013	0.047	0.056	mg/m3
Upwind	10/29/2024	00:08:12	0.038*	0.047	0.071	0.046	0.064	0.150	mg/m3
Downwind	10/29/2024	00:08:21	0.036	0.044	0.081	0.041	0.063	0.139	mg/m3
Crosswind 1	10/29/2024	00:08:29	0.034	0.043	0.085	0.043	0.054	0.184	mg/m3
Crosswind 2	10/29/2024	00:08:19	0.037	0.049	0.125	0.049	0.085	0.245	mg/m3
Upwind	10/30/2024	00:08:45	0.031	0.045	0.067	0.037	0.049	0.171	mg/m3

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Action Level			.035 mg/m3 8-hour TWA			.150 mg/m3 8-hour TWA			
Location	Run Date	Duration (days:hours:mi nutes)	PM 2.5 8-Hr TWA	PM 2.5 STEL (Max)	PM 2.5 Daily Max (Instantaneous)	PM 10 8-Hr TWA	PM 10 STEL (Max)	PM 10 Daily Max (Instantaneous)	
Downwind	10/30/2024	00:08:40	0.033	0.052	0.248	0.041	0.083	0.488	mg/m3
Crosswind 1	10/30/2024	00:08:41	0.028	0.042	0.138	0.040	0.011	0.619	mg/m3
Crosswind 2	10/30/2024	00:08:26	0.027	0.042	0.120	0.034	0.107	0.308	mg/m3
Upwind	10/31/2024	NA	NA	NA	NA	NA	NA	NA	NA
Downwind	10/31/2024	NA	NA	NA	NA	NA	NA	NA	NA
Crosswind 1	10/31/2024	NA	NA	NA	NA	NA	NA	NA	NA
Crosswind 2	10/31/2024	NA	NA	NA	NA	NA	NA	NA	NA
Upwind	11/1/2024	00:05:38	NA	0.003	0.005	NA	0.004	0.007	mg/m3
Downwind	11/1/2024	00:07:49	NA	0.021	0.231	NA	0.029	0.342	mg/m3
Crosswind 1	11/1/2024	00:06:47	NA	0.010	0.075	NA	0.017	0.169	mg/m3
Crosswind 2	11/1/2024	00:07:33	NA	0.010	0.011	NA	0.017	0.018	mg/m3
Upwind	11/4/2024	NA	NA	NA	NA	NA	NA	NA	NA
Downwind	11/4/2024	NA	NA	NA	NA	NA	NA	NA	NA
Crosswind 1	11/4/2024	NA	NA	NA	NA	NA	NA	NA	NA
Crosswind 2	11/4/2024	NA	NA	NA	NA	NA	NA	NA	NA
Upwind	11/5/2024	00:06:08	NA	0.013	0.038	NA	0.017	0.066	mg/m3
Downwind	11/5/2024	00:06:11	NA	0.014	0.015	NA	0.014	0.016	mg/m3
Crosswind 1	11/5/2024	00:06:04	NA	0.010	0.025	NA	0.013	0.074	mg/m3
Crosswind 2	11/5/2024	00:06:11	NA	0.010	0.014	NA	0.009	0.014	mg/m3
Upwind	11/6/2024	00:09:16	0.011	0.024	0.030	0.013	0.026	0.035	mg/m3
Downwind	11/6/2024	00:09:18	0.012	0.050	0.055	0.013	0.051	0.055	mg/m3
Crosswind 1	11/6/2024	00:09:13	0.010	0.068	0.086	0.011	0.069	0.088	mg/m3
Crosswind 2	11/6/2024	00:09:18	0.008	0.068	0.044	0.008	0.069	0.045	mg/m3
Upwind	11/7/2024	00:09:14	0.007	0.050	0.067	0.008	0.052	0.068	mg/m3
Downwind	11/7/2024	00:09:09	0.010	0.015	0.017	0.011	0.016	0.018	mg/m3
Crosswind 1	11/7/2024	00:09:16	0.011	0.072	0.085	0.012	0.075	0.087	mg/m3
Crosswind 2	11/7/2024	00:09:06	0.007	0.072	0.026	0.007	0.075	0.029	mg/m3
Upwind	11/8/2024	00:03:52**	NA	0.015	0.016	NA	0.015	0.022	mg/m3
Downwind	11/8/2024	00:06:54	NA	0.018	0.019	NA	0.016	0.019	mg/m3
Crosswind 1	11/8/2024	00:06:54	NA	0.023	0.029	NA	0.026	0.082	mg/m3

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Action Level			.035 mg/m3 8-hour TWA			.150 mg/m3 8-hour TWA			
Location	Run Date	Duration (days:hours:mi nutes)	PM 2.5 8-Hr TWA	PM 2.5 STEL (Max)	PM 2.5 Daily Max (Instantaneous)	PM 10 8-Hr TWA	PM 10 STEL (Max)	PM 10 Daily Max (Instantaneous)	Units
Crosswind 2	11/8/2024	00:06:56	NA	0.023	0.026	NA	0.026	0.013	mg/m3

Notes:

NA Not applicable
PM Particulate Matter
STEL Short-Term Exposure Limit
TWA Time-Weighted Average

8-hour TWA exceeds applicable action limit. Air samples collected on this day were submitted to the laboratory for analysis of asbestos in air.
No particulate monitoring was conducted at the location on this day due to equipment malfunction, weather conditions, or other reasons noted in the site logbook

*The highest 8-hour TWA for PM 2.5 on 10/29/2024 was located at the upwind air monitoring station, suggesting that elevated levels of particulate from this date likely were not associated with the Site.

**At approximately 1200 on 11/8/2024 the particulate monitor at the upwind monitoring station began malfunctioning, thus the duration at that location is shorter on that day