

Report of Noise, Dust, and Blasting Monitoring
Vulcan Materials Company
Maryville Quarry

2023 Maryville Quarry Perimeter Noise and Dust Surveys

Sample Location	Latitude	Longitude	Date	Start Time	End Time	Avg. Wind Speed (mph)	Wind Direction	% Cloud Cover	Sound Level (15 min. avg. dB)	Fugitive Dust Observed (Y or N)
#1 Water Tower	N35 43 58.8	W83 57 01.8	3/2/2023	12:01	12:16	8	SSW	100	59.9	N
			6/13/2023	12:20	12:35	9	W	30	50.4	N
			9/21/2023	12:50	13:05	6	N	30	52.8	N
#2 Milligan Rd	N35 43 40.1	W83 56 46.2	3/2/2023	12:28	12:43	9	WSW	100	54.5	N
			6/13/2023	12:44	12:59	8	WSW	25	51.0	N
			9/21/2023	13:09	13:24	6	N	40	53.6	N
#3 Eastover	N35 43 30.4	W83 57 18.4	3/2/2023	12:48	13:03	10	W	100	52.8	N
			6/13/2023	15:00	15:15	11	WSW	25	45.8	N
			9/21/2023	13:29	13:44	6	N	50	49.6	N
#4 Trotwood	N35 43 43.3	W83 57 35.8	3/2/2023	13:07	13:23	8	W	100	66.6	N
			6/13/2023	14:32	14:47	10	WSW	25	45.5	N
			9/21/2023	13:46	14:01	7	NE	60	48.6	N
#5 Montvale Rd	N35 43 53.8	W83 57 53.7	3/2/2023	13:28	13:43	7	WSW	100	45.8	N
			6/13/2023	14:12	14:27	10	WSW	25	41.8	N
			9/21/2023	14:04	14:19	5	NNE	60	47.0	N
#6 Soccer Field	N35 44 17.3	W83 57 13.4	3/2/2023	14:21	14:36	9	W	100	52.7	N
			6/13/2023	15:30	15:45	9	W	35	60.1	N
			9/21/2023	14:27	14:42	5	N	70	58.1	N

Maryville Quarry Noise Monitoring 2023

