



DAILY AIR MONITORING REPORT

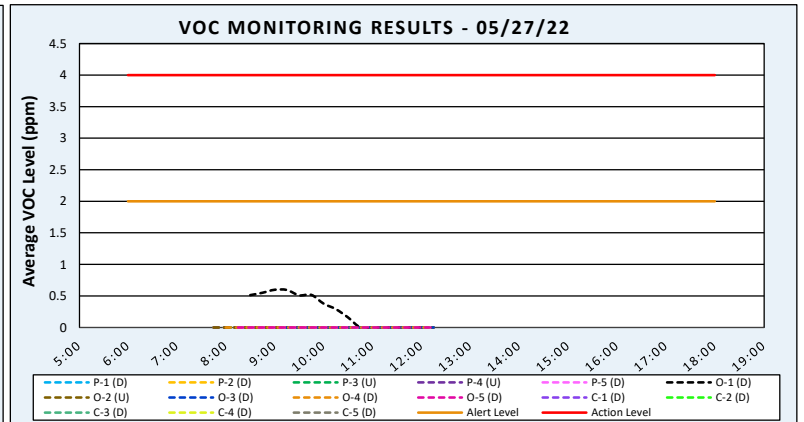
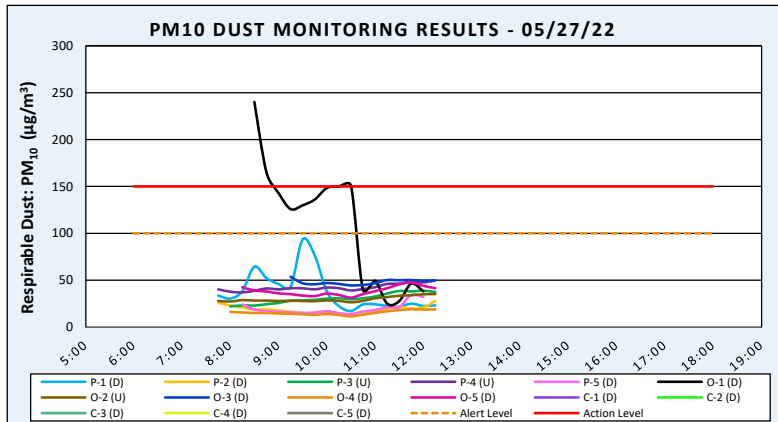
Ringwood Mines/Landfill Superfund Site

Ringwood, New Jersey

05/27/22

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Submitted By: Emilcott		
Dust Alert Level	100 $\mu\text{g}/\text{m}^3$	
Dust Action Level	150 $\mu\text{g}/\text{m}^3$	
TVOC Alert Level	2 ppm	
TVOC Action Level	4 ppm	

Weather Data Range for Work Day		Wind Direction	S	Relative Humidity (%)	70.7 - 96.7	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)		
Temp (°F)	62.0 - 77.3	Wind Speed (MPH)	1.2 - 5.0	Barometer (inHg)	29.80 - 30.10	0			
Peters Mine Pit Area Stations	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading	
P-1 (D)	37.9	93.4	No	9:30	0.0	0.0	No	7:45	
P-2 (D)	18.7	28.1	No	12:15	0.0	0.0	No	7:45	
P-3 (U)	30.4	38.9	No	12:00	0.0	0.0	No	8:00	
P-4 (U)	42.2	49.9	No	12:15	0.0	0.0	No	7:45	
P-5 (D)	19.5	34.2	No	11:45	0.0	0.0	No	8:15	
O'Connor Disposal Area Stations	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading	
O-1 (D)	107.7	240.1	Yes	8:30	0.3	0.6	No	9:00	
O-2 (U)	29.6	35.2	No	12:15	0.0	0.0	No	7:45	
O-3 (D)	48.1	53.7	No	9:15	0.0	0.0	No	9:15	
O-4 (D)	15.3	19.0	No	12:15	0.0	0.0	No	8:00	
O-5 (D)	38.4	47.6	No	11:45	0.0	0.0	No	8:15	



Air Monitoring Notes: The dust action level at station O-1 was due to dust track malfunctioning at 7:45 to 10:30. The air monitoring technician swapped out the broken dust track for a new one and new one was placed in the station and the readings return to below action level.

Weather Notes: Sunny



