



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

Ringwood, New Jersey

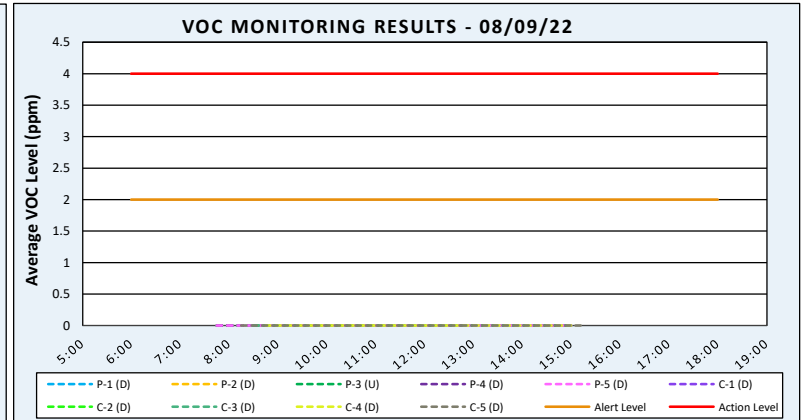
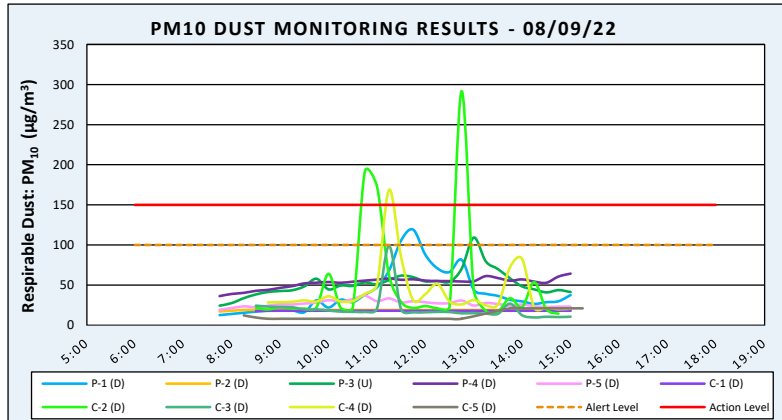
08/09/22

Page 1 of 1		Rev. No. 1
Submitted By: Emilcott		
Dust Alert Level	100 µg/m ³	
Dust Action Level	150 µg/m ³	
TVOC Alert Level	2 ppm	
TVOC Action Level	4 ppm	

Weather Data Range for Work Day		Wind Direction	SW	Relative Humidity (%)	48.7 - 88.7	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	75.0 - 93.5	Wind Speed (MPH)	1.2 - 5.1	Barometer (inHg)	29.90 - 30.00	0	

Peters Mine Pit Area Stations	Daily Avg. Dust Concentration (µg/m ³)	Max 15 Min Dust Concentration (µg/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)	44.9	119.0	No	11:45	0.0	0.0	No	7:45
P-2 (D)	18.9	19.0	No	8:15	0.0	0.0	No	7:45
P-3 (U)	51.7	109.2	No	13:00	0.0	0.0	No	7:45
P-4 (D)	52.9	64.3	No	15:00	0.0	0.0	No	7:45
P-5 (D)	26.8	36.8	No	10:45	0.0	0.0	No	7:45

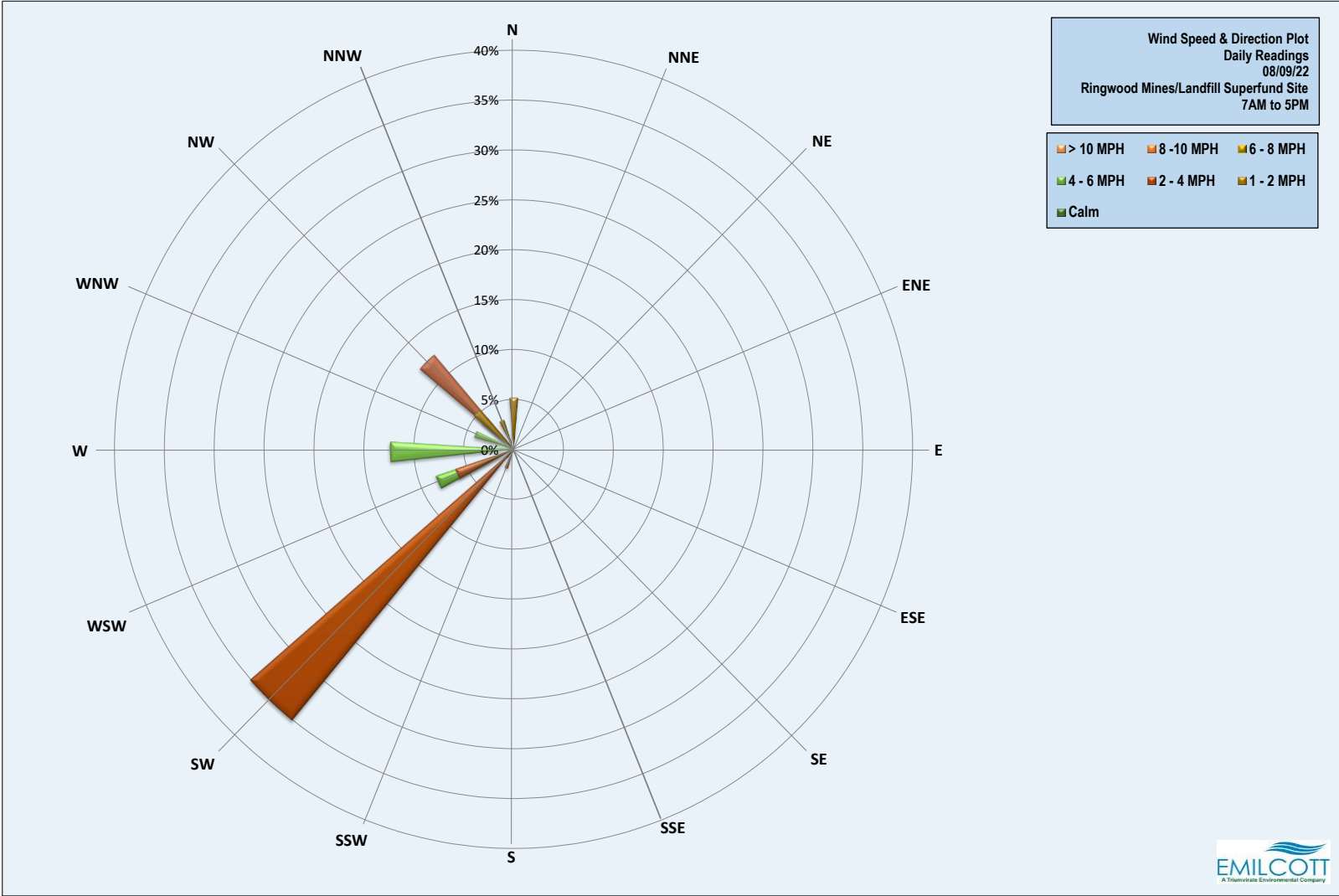
Cannon Mine Pit Area Stations	Daily Avg. Dust Concentration (µg/m ³)	Max 15 Min Dust Concentration (µg/m ³)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading
C-1 (D)	18.0	18.0	No	9:00	0.0	0.0	No	8:30
C-2 (D)	49.8	291.7	Yes	12:45	0.0	0.0	No	8:30
C-3 (D)	20.1	98.9	No	11:15	0.0	0.0	No	8:30
C-4 (D)	41.6	168.7	Yes	11:15	0.0	0.0	No	8:45
C-5 (D)	11.7	21.0	No	13:45	0.0	0.0	No	8:15

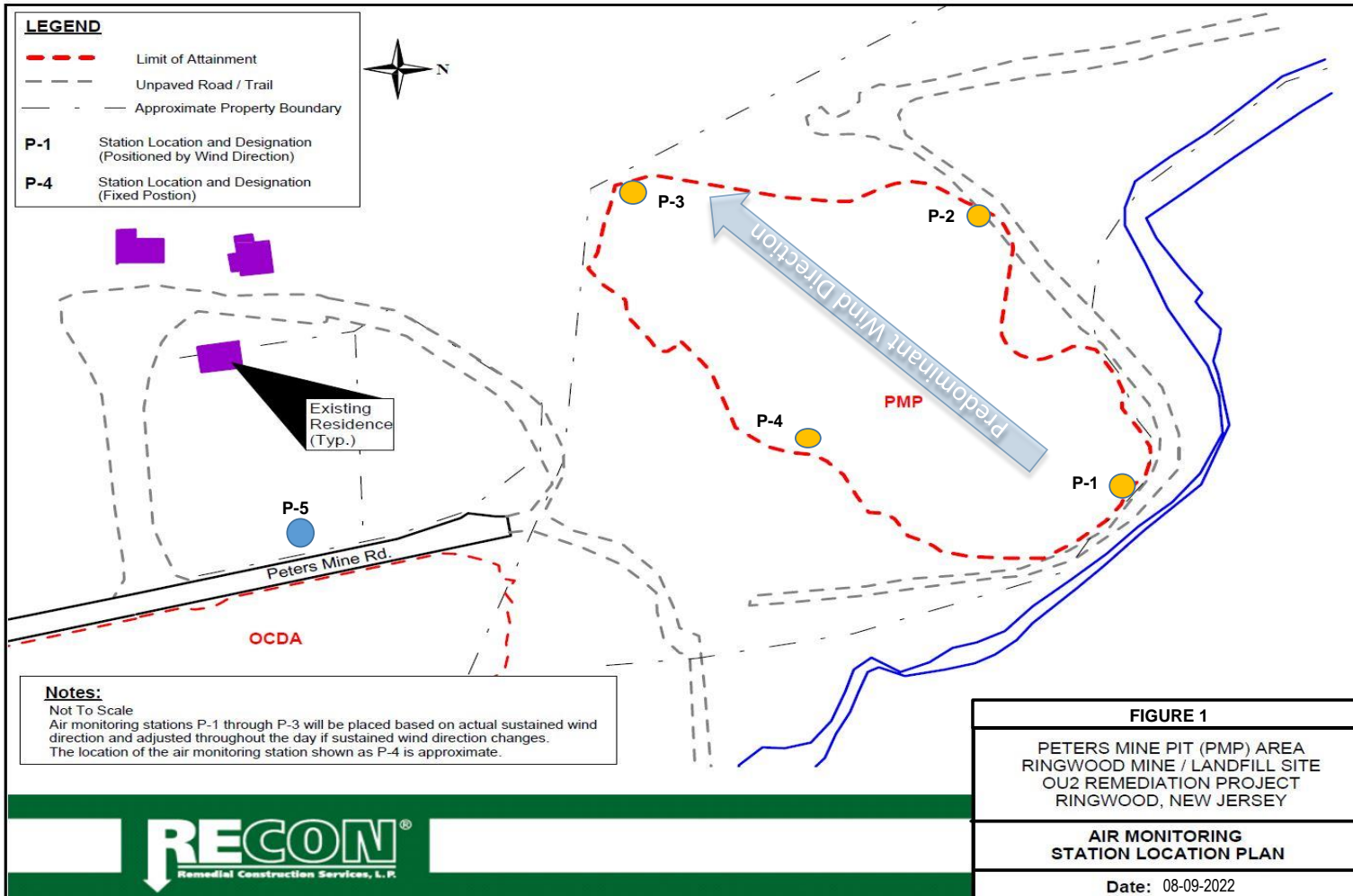


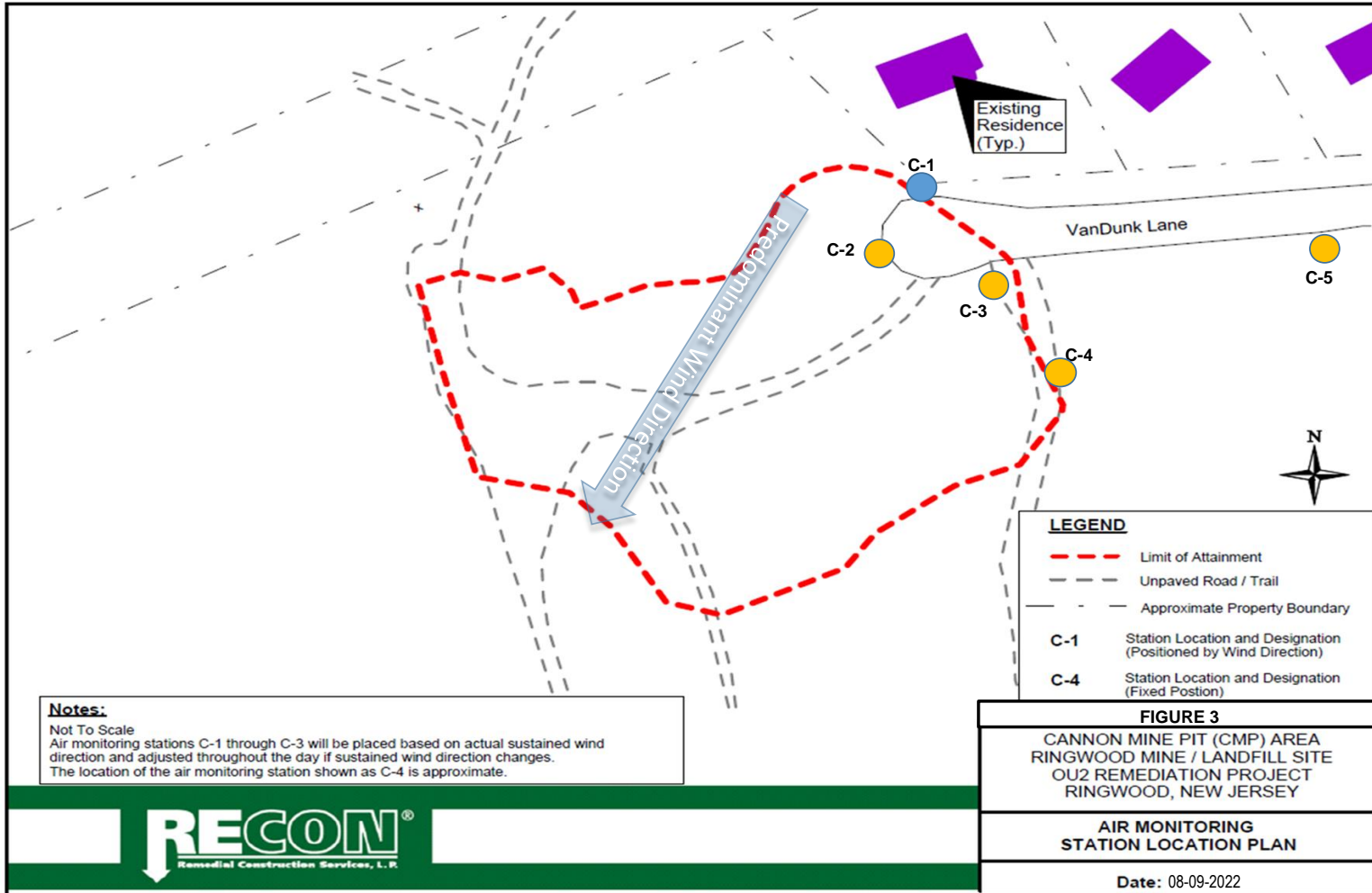
Air Monitoring Notes: Dust action level exceedances at stations C-2 and C-4 due to asphalt paving activities in the immediate vicinity of the stations. Stations read exhaust from the machines as particulate. No visible dust observed. The air monitoring technician confirmed the reading to be false by using a sidepack. The dust track was zeroed with a zero filter and readings returned to below alert levels. Dust alert level exceedances at stations P-1 and P-3 due to devices reading moisture buildup in the inlet from humidity as particulate. No visible dust observed. The air monitoring technician confirmed the reading to be false by using a sidepack. The dust track was zeroed with a zero filter and readings returned to below alert levels.

Weather Notes: Sunny.









Notes:
 Not To Scale
 Air monitoring stations C-1 through C-3 will be placed based on actual sustained wind direction and adjusted throughout the day if sustained wind direction changes.
 The location of the air monitoring station shown as C-4 is approximate.

LEGEND	
	Limit of Attainment
	Unpaved Road / Trail
	Approximate Property Boundary
C-1	Station Location and Designation (Positioned by Wind Direction)
C-4	Station Location and Designation (Fixed Position)

FIGURE 3
 CANNON MINE PIT (CMP) AREA
 RINGWOOD MINE / LANDFILL SITE
 OU2 REMEDIATION PROJECT
 RINGWOOD, NEW JERSEY

AIR MONITORING STATION LOCATION PLAN
 Date: 08-09-2022

