



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

Ringwood, New Jersey

05/12/22

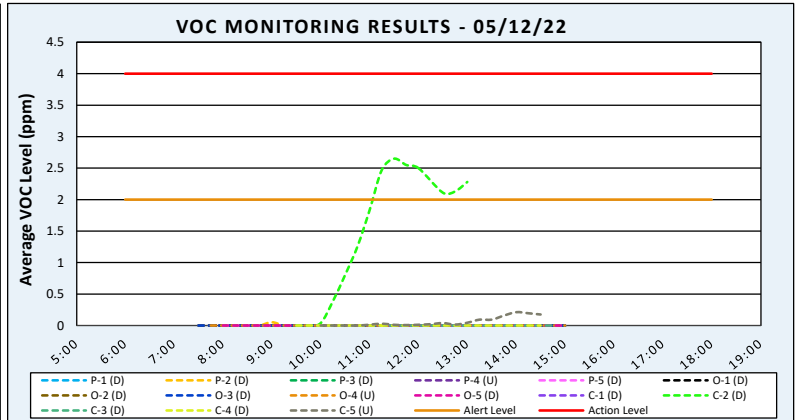
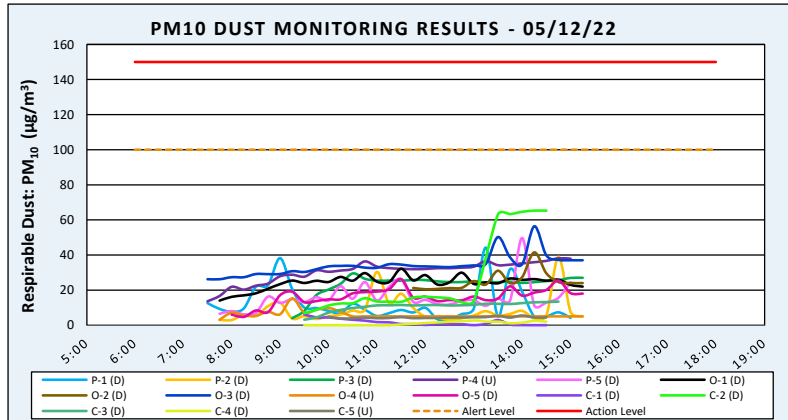
Page 1 of 1		Rev. No. 1
Submitted By: Emilcott		
Dust Alert Level	100 $\mu\text{g}/\text{m}^3$	
Dust Action Level	150 $\mu\text{g}/\text{m}^3$	
TVOC Alert Level	2 ppm	
TVOC Action Level	4 ppm	

Weather Data Range for Work Day		Wind Direction	E		Relative Humidity (%)	65.7 - 73.5		Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)	
Temp (°F)	67.5 - 73.3		Wind Speed (MPH)	2.9 - 3.9		Barometer (inHg)	30.30 - 30.30			

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)	12.3	44.2	No	13:15	0.0	0.0	No	7:30
P-2 (D)	8.5	39.0	No	14:45	0.0	0.1	No	9:00
P-3 (D)	23.3	29.5	No	10:30	0.0	0.0	No	9:15
P-4 (U)	30.5	38.1	No	14:45	0.0	0.0	No	8:00
P-5 (D)	15.7	49.7	No	14:00	0.0	0.0	No	7:45

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)	24.2	32.2	No	11:30	0.0	0.0	No	7:45
O-2 (D)	25.3	41.5	No	14:15	0.0	0.0	No	7:30
O-3 (D)	34.1	56.4	No	14:15	0.0	0.0	No	7:30
O-4 (U)	5.9	15.3	No	9:15	0.0	0.0	No	7:45
O-5 (D)	16.0	26.3	No	11:30	0.0	0.0	No	8:00

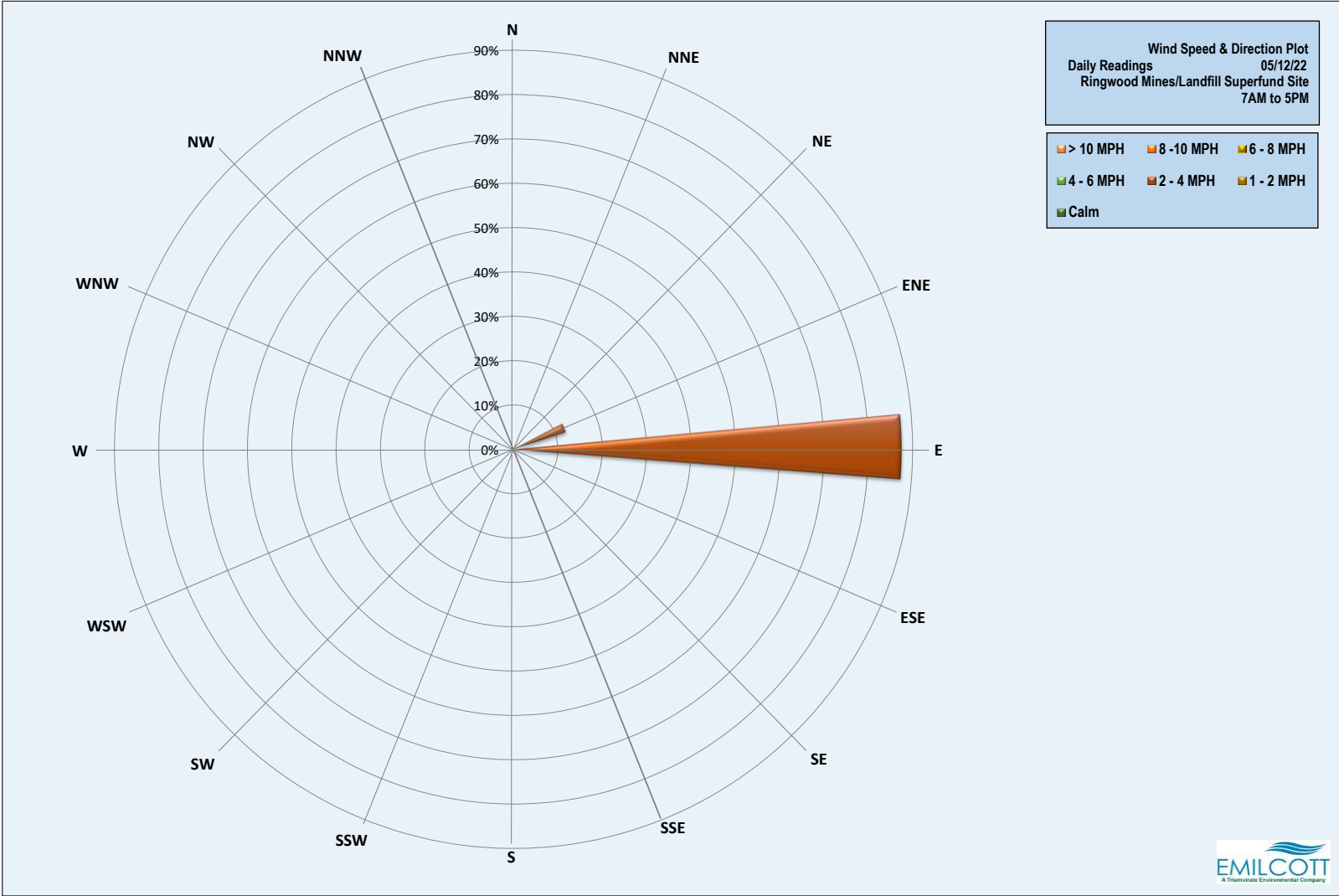
Cannon Mine Pit Area Stations	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading
C-1 (D)	1.7	65.3	No	9:30	0.0	0.0	No	9:30
C-2 (D)	26.5	13.4	No	14:15	1.5	2.7	No	11:30
C-3 (D)	10.7	2.7	No	14:45	0.0	0.2	No	9:30
C-4 (D)	2.0	5.5	No	13:00	0.0	0.0	No	9:30
C-5 (U)	4.4	0.0	No	14:00	0.1	0.0	No	14:00

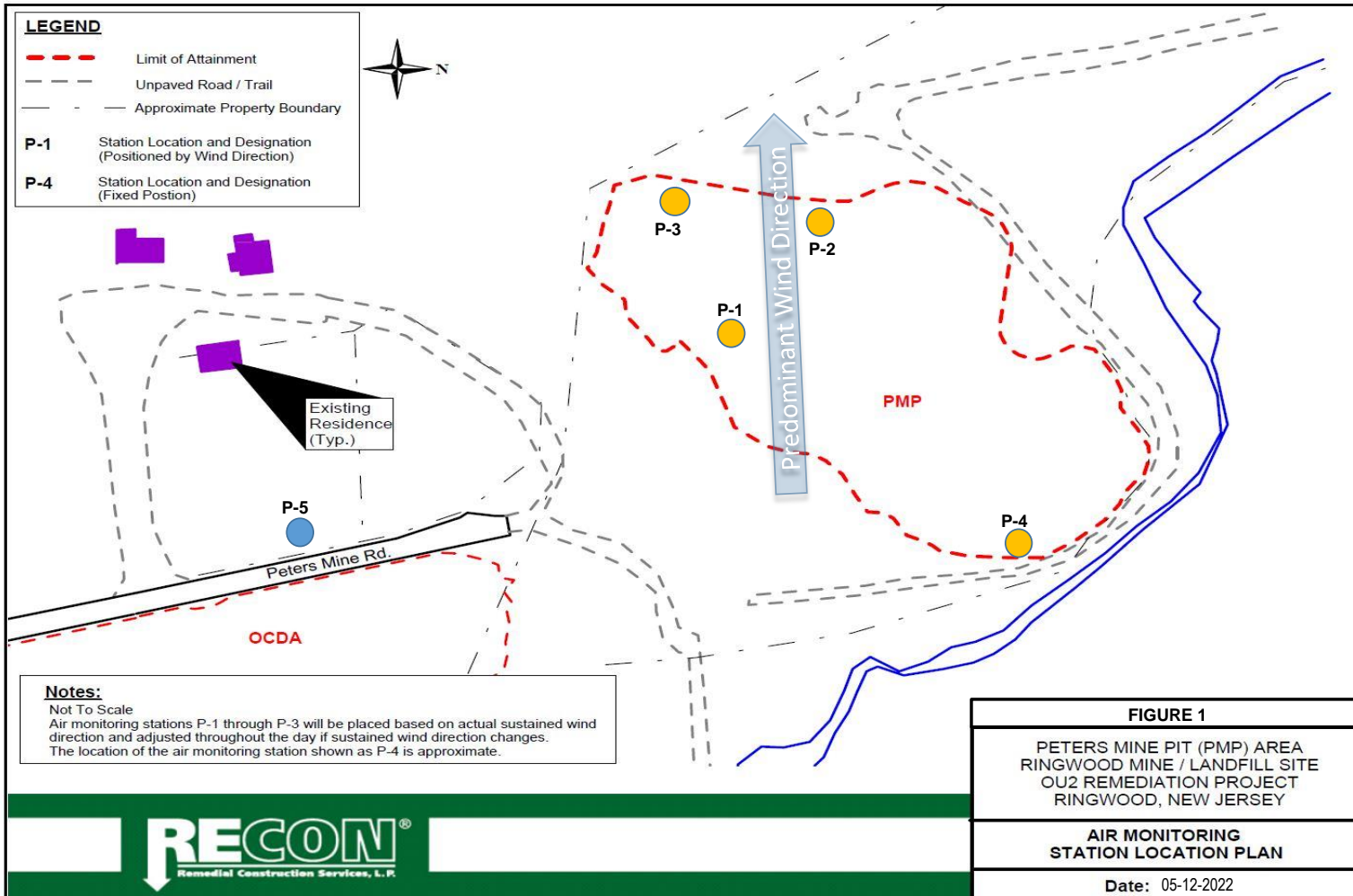


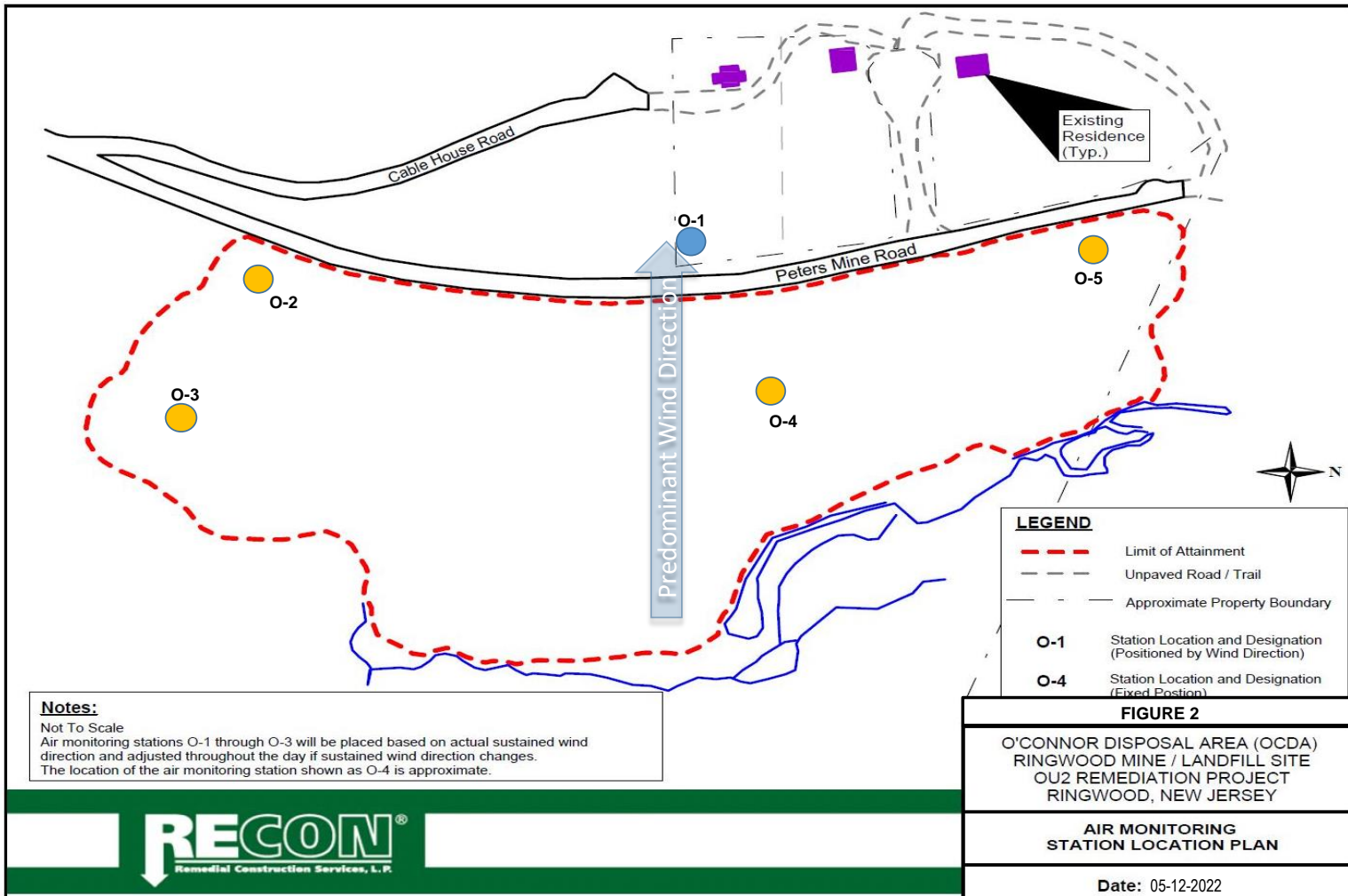
Air Monitoring Notes: The VOC alert level exceedances at station C-2 located in CMP between 11:30 to 1:00 were due to humidity build up on the PID bulb. Station C-2 was located downwind at the time of the alert level exceedance. Winds were blowing in an Easterly direction at the time of the exceedance. The reading was confirmed to be false with a handheld PID. The PID bulb and sensor were cleaned and readings returned to below alert levels. No other alert level exceedances occurred.

Weather Notes: Sunny and warm.









Notes:
 Not To Scale
 Air monitoring stations O-1 through O-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 O-4 is approximate.

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

FIGURE 2
 O'CONNOR DISPOSAL AREA (OCDA)
 RINGWOOD MINE / LANDFILL SITE
 OU2 REMEDIATION PROJECT
 RINGWOOD, NEW JERSEY

AIR MONITORING STATION LOCATION PLAN

Date: 05-12-2022



