



## DAILY AIR MONITORING REPORT

### Ringwood Mines/Landfill Superfund Site

#### Ringwood, New Jersey

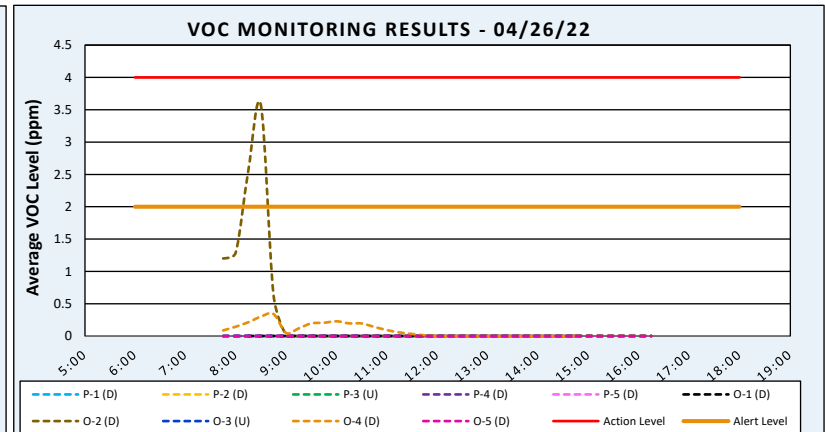
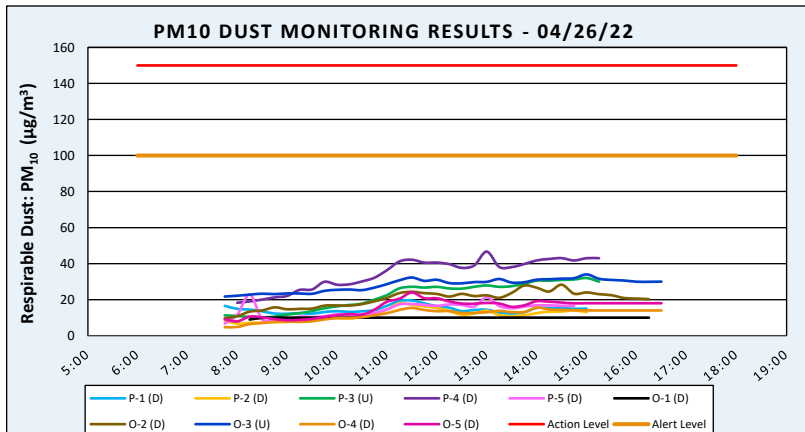
**04/26/22**

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

Weather Data Range for Work Day		Wind Direction	ENE	Relative Humidity (%)	80.5 - 92.7	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	49.0 - 57.0	Wind Speed (MPH)	1.1 - 1.9	Barometer (inHg)	30.00 - 30.10	0	

Peters Mine Pit Area Stations	Daily Avg. Dust Concentration (µg/m <sup>3</sup> )	Max 15 Min Dust Concentration (µg/m <sup>3</sup> )	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)	14.6	19.5	No	11:30	0.0	0.0	No	7:45
P-2 (D)	11.5	17.9	No	11:15	0.0	0.0	No	11:00
P-3 (U)	22.0	32.0	No	15:00	0.0	0.0	No	7:45
P-4 (D)	34.5	46.7	No	13:00	0.0	0.0	No	8:00
P-5 (D)	14.4	22.9	No	8:15	0.0	0.0	No	7:45

O'Connor Disposal Area Stations	Daily Avg. Dust Concentration (µg/m <sup>3</sup> )	Max 15 Min Dust Concentration (µg/m <sup>3</sup> )	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)	10.0	10.0	No	8:45	0.0	0.0	No	8:15
O-2 (D)	20.2	28.3	No	14:30	0.3	3.6	No	8:30
O-3 (U)	28.2	34.0	No	15:00	0.0	0.0	No	7:45
O-4 (D)	11.7	15.6	No	14:00	0.1	0.3	No	8:45
O-5 (D)	15.6	24.0	No	11:30	0.0	0.0	No	7:45



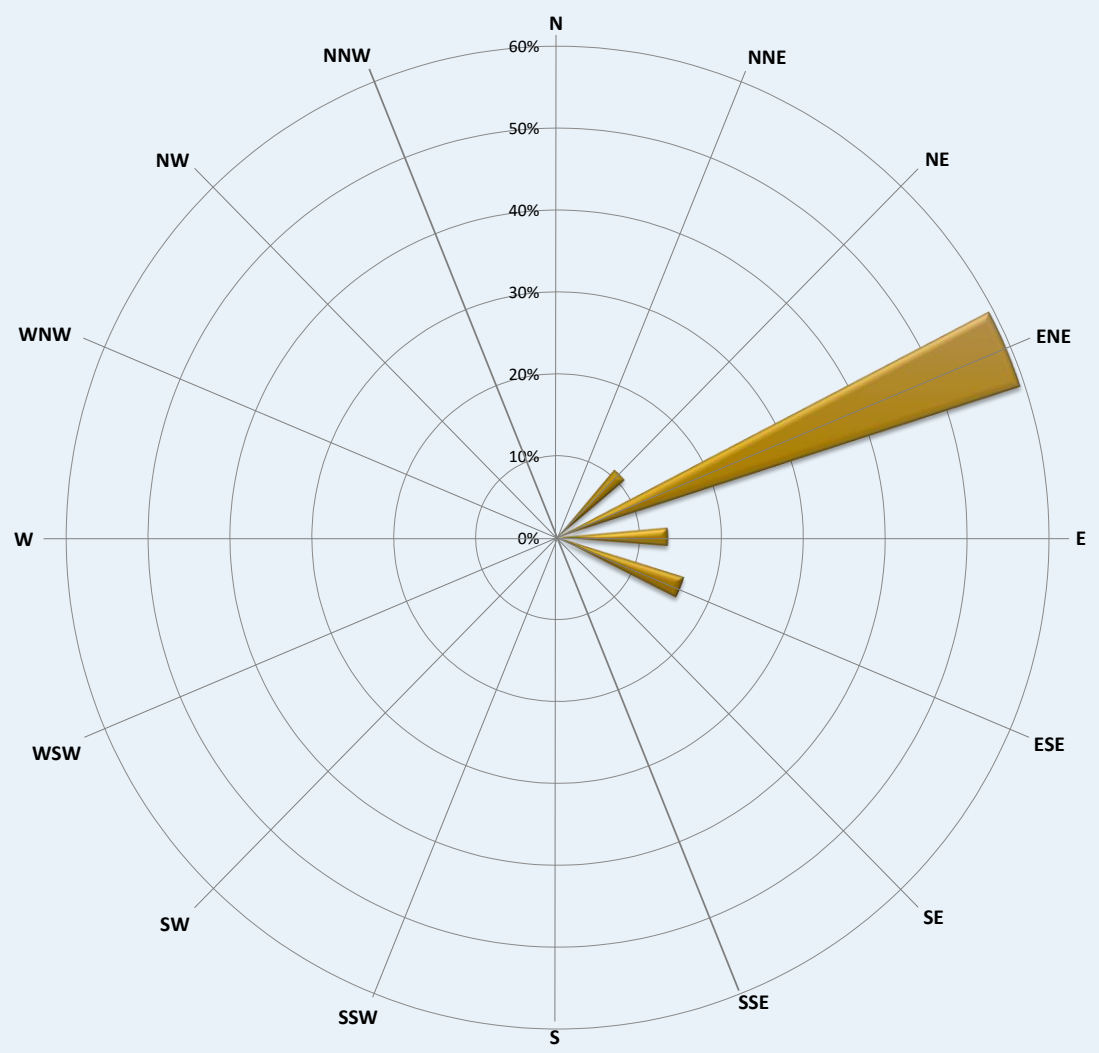
**Air Monitoring Notes:** The VOC alert level exceedance at station O-2 at 8:30 was due to humidity build up on the PID bulb. Station O-2 was located upwind at the time of the alert level exceedance. The reading was confirmed to be false with a handheld PID. The PID bulb and sensor were cleaned and readings returned to below alert levels. No other alert level exceedances occurred.

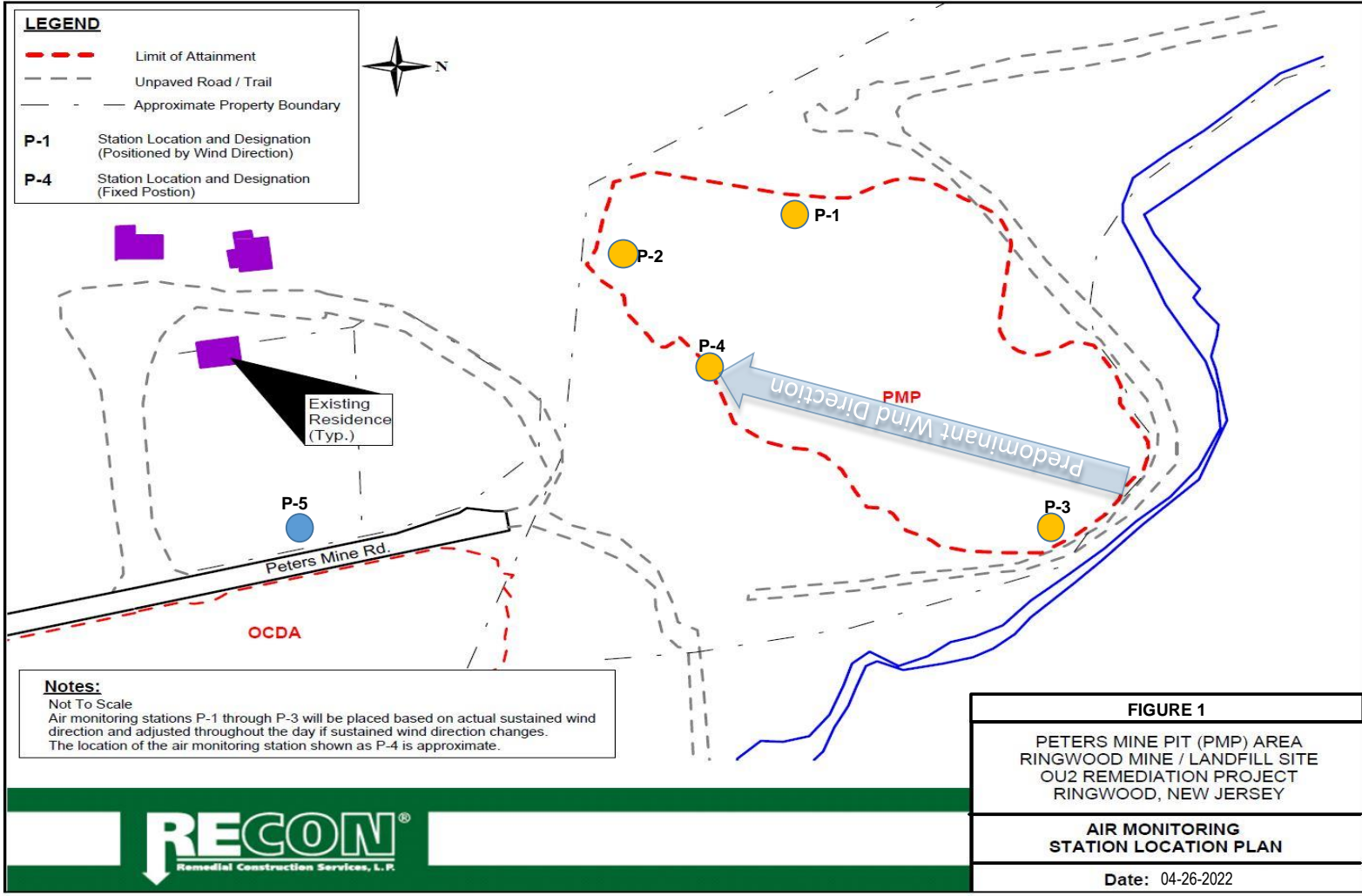
**Weather Notes:** Cloudy and cool. In the AM there was some light precipitation.



Wind Speed & Direction Plot  
 Daily Readings 04/26/22  
 Ringwood Mines/Landfill Superfund Site  
 7AM to 5PM

- > 10 MPH
- 8 - 10 MPH
- 6 - 8 MPH
- 4 - 6 MPH
- 2 - 4 MPH
- 1 - 2 MPH
- Calm





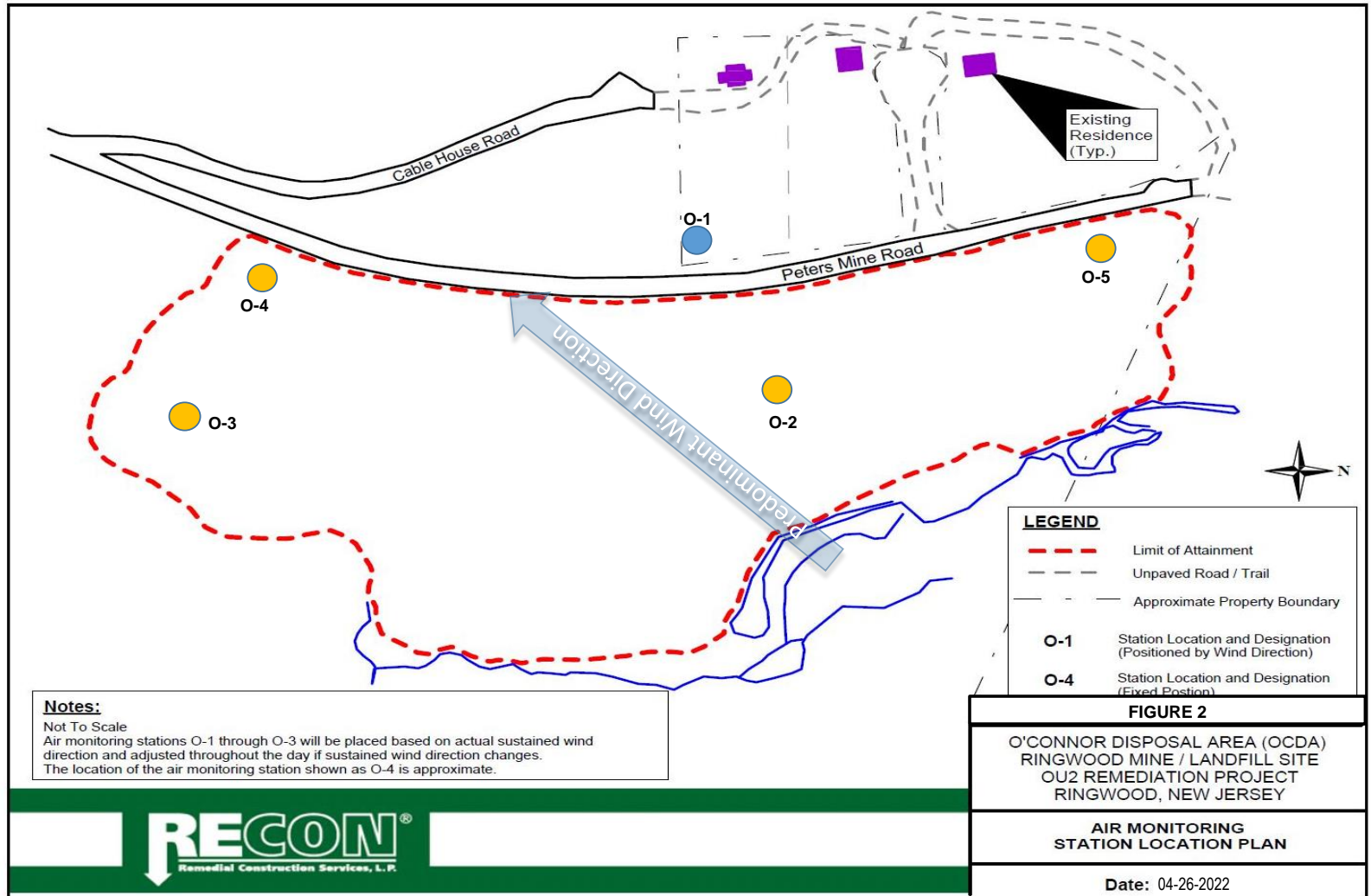
**LEGEND**

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

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

<b>FIGURE 1</b>
PETERS MINE PIT (PMP) AREA RINGWOOD MINE / LANDFILL SITE OU2 REMEDIATION PROJECT RINGWOOD, NEW JERSEY
<b>AIR MONITORING STATION LOCATION PLAN</b>
Date: 04-26-2022





**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
	Station Location and Designation (Positioned by Wind Direction)
	Station Location and Designation (Fixed Position)

<b>FIGURE 2</b>
O'CONNOR DISPOSAL AREA (OCDA) RINGWOOD MINE / LANDFILL SITE OU2 REMEDIATION PROJECT RINGWOOD, NEW JERSEY
AIR MONITORING STATION LOCATION PLAN
Date: 04-26-2022

