



## DAILY AIR MONITORING REPORT

### Ringwood Mines/Landfill Superfund Site

#### Ringwood, New Jersey

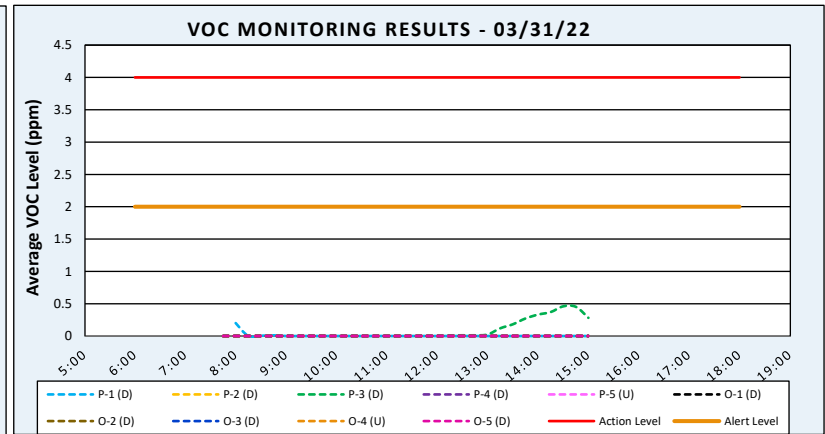
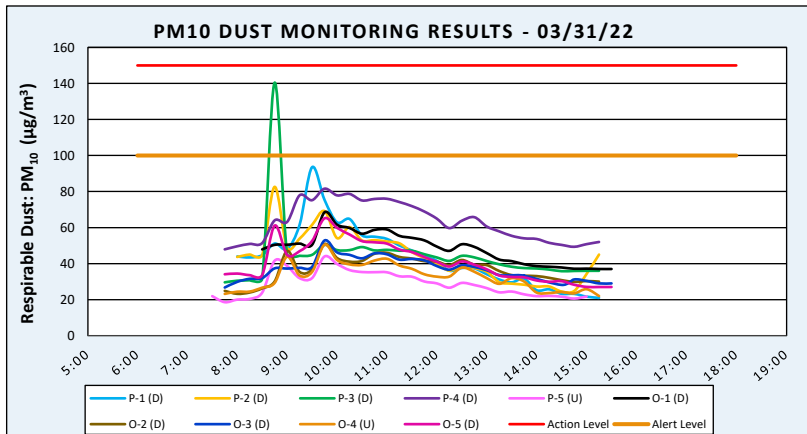
**03/31/22**

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

Weather Data Range for Work Day		Wind Direction	S	Relative Humidity (%)	72.3 - 95.0	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	39.0 - 67.0	Wind Speed (MPH)	0.8 - 6.6	Barometer (inHg)	29.60 - 29.80	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)	43.8	93.5	No	9:30	0.0	0.2	No	8:00
P-2 (D)	44.0	82.6	No	8:45	0.0	0.0	No	7:45
P-3 (D)	44.3	140.4	No	8:45	0.1	0.5	No	14:30
P-4 (D)	62.9	81.6	No	9:45	0.0	0.0	No	7:45
P-5 (U)	28.7	44.0	No	9:45	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)	48.5	68.5	No	9:45	0.0	0.0	No	15:00
O-2 (D)	36.5	50.9	No	9:45	0.0	0.0	No	7:45
O-3 (D)	37.1	52.8	No	9:45	0.0	0.0	No	7:45
O-4 (U)	32.6	50.5	No	9:45	0.0	0.0	No	7:45
O-5 (D)	41.0	65.2	No	9:45	0.0	0.0	No	14:15



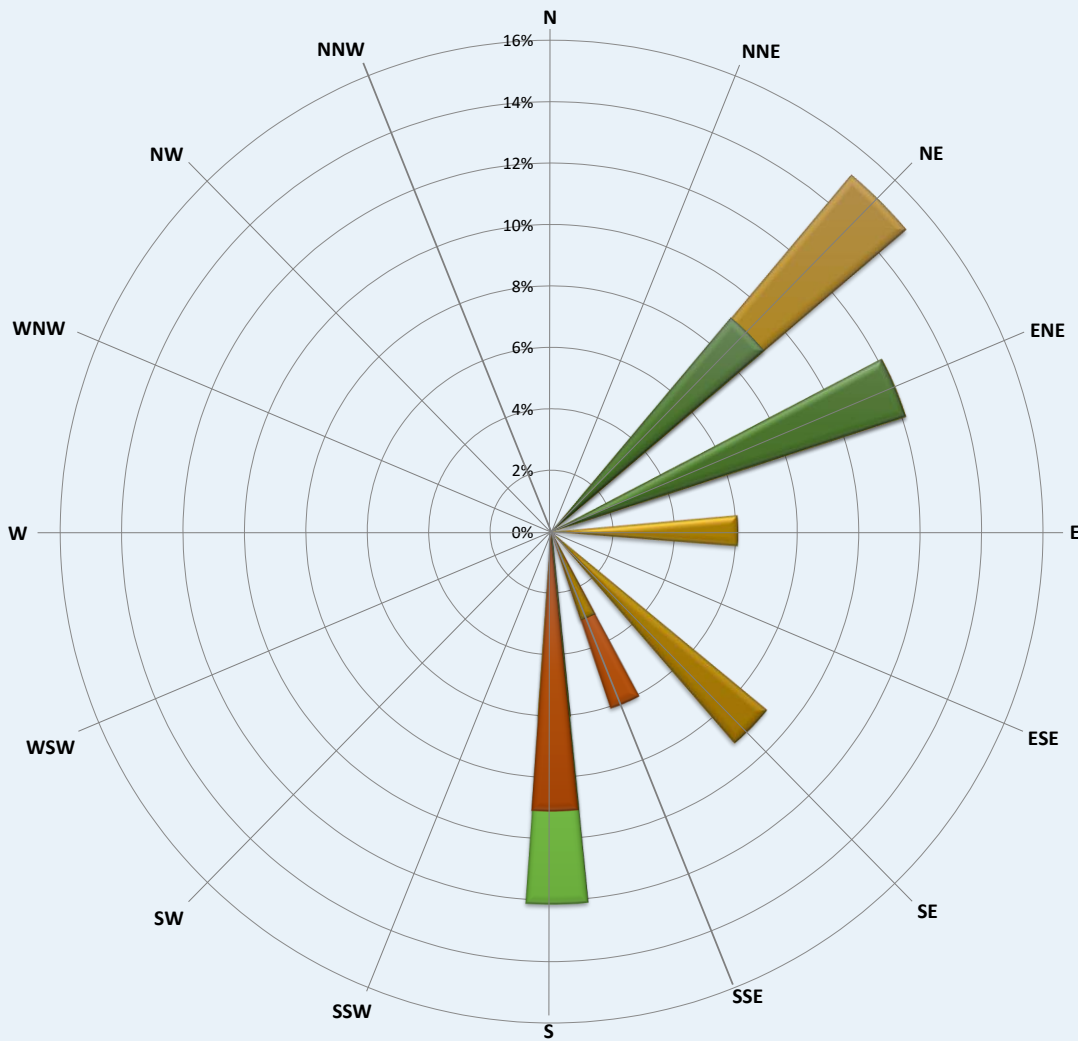
**Air Monitoring Notes:** Dust alert level exceedance at P-3 at 8:45 was due to humid weather conditions. Winds were blowing ENE making the station upwind. The Dust Trak was zeroed with a zero filter and readings returned to below alert levels. No other exceedances occurred.

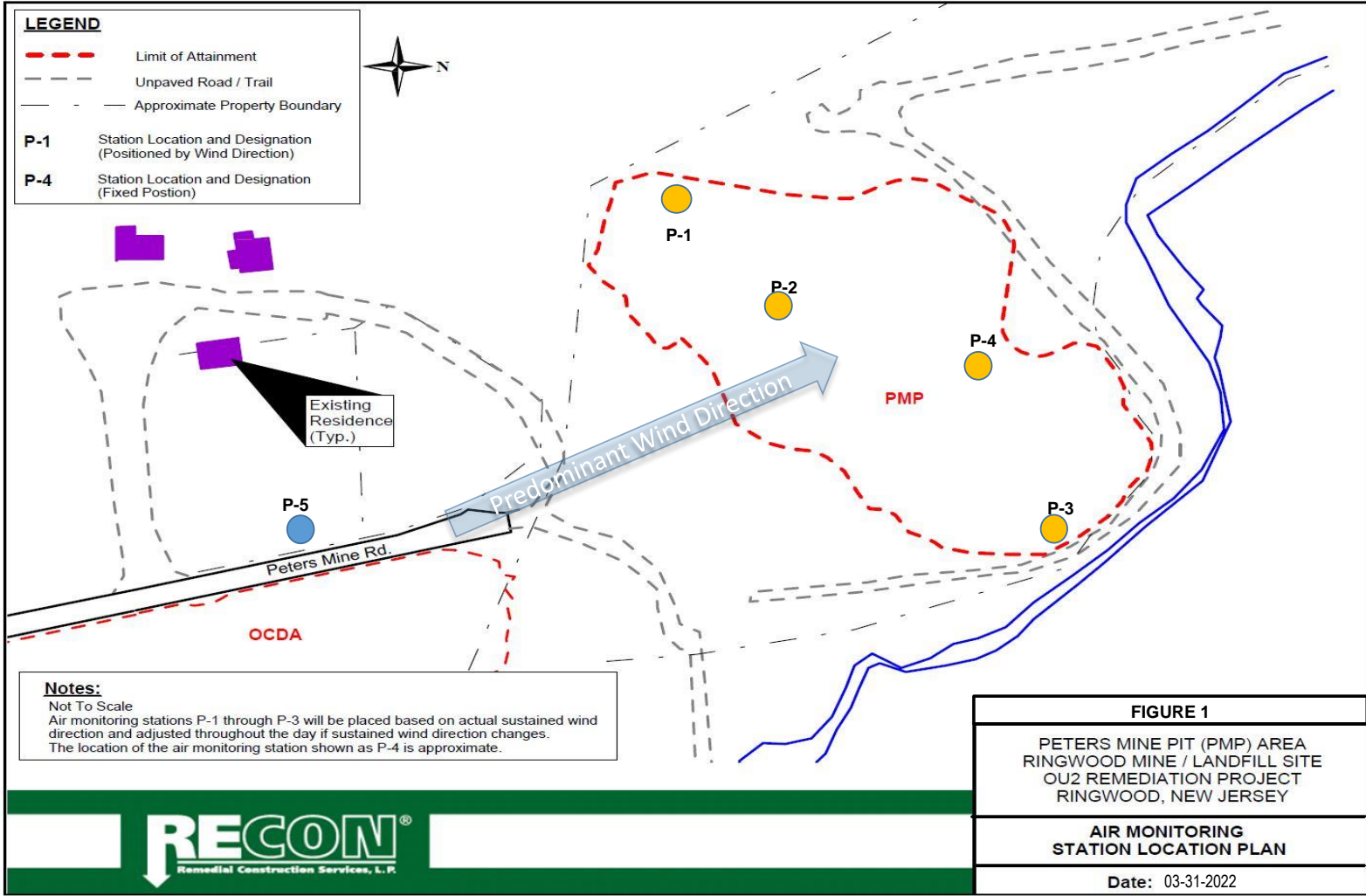
**Weather Notes:** Foggy and warm. Variable wind direction.

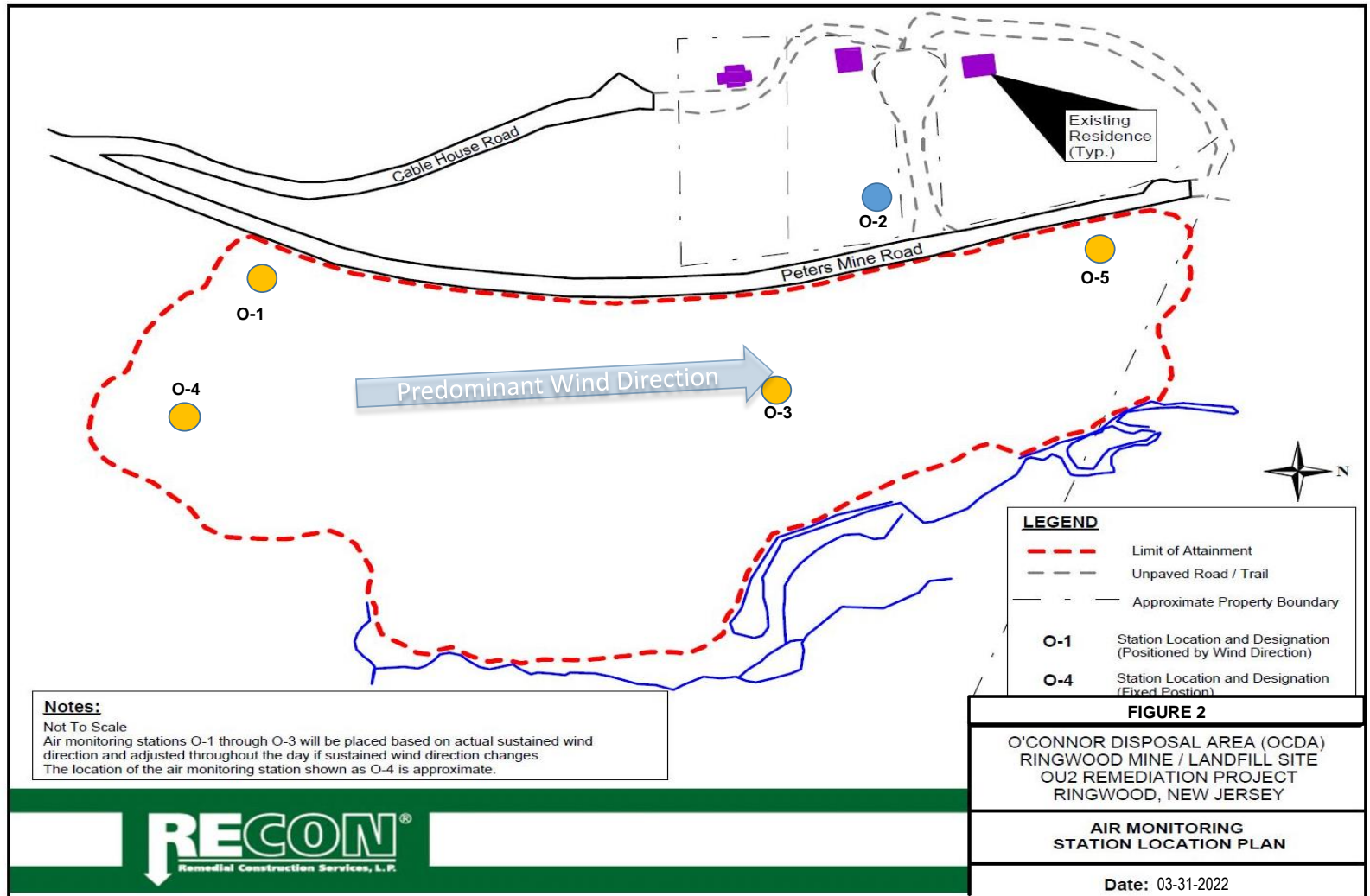


Wind Speed & Direction Plot  
 Daily Readings 03/31/22  
 Ringwood Mines/Landfill Superfund Site  
 7AM to 5PM

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







**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)

**FIGURE 2**  
 O'CONNOR DISPOSAL AREA (OCDA)  
 RINGWOOD MINE / LANDFILL SITE  
 OU2 REMEDIATION PROJECT  
 RINGWOOD, NEW JERSEY  
**AIR MONITORING  
 STATION LOCATION PLAN**  
 Date: 03-31-2022

