



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

O'Connor Disposal Area

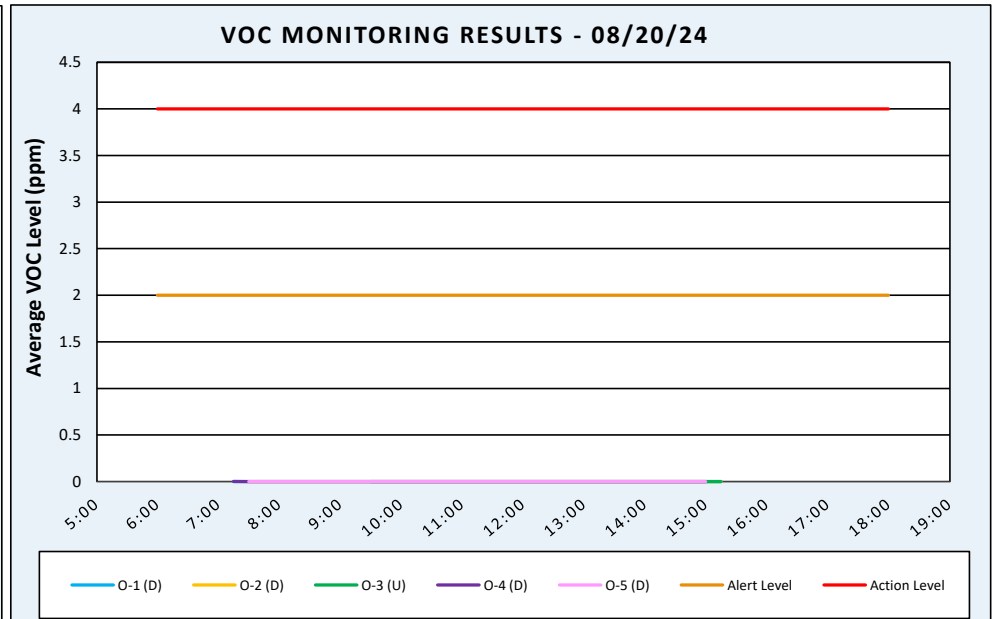
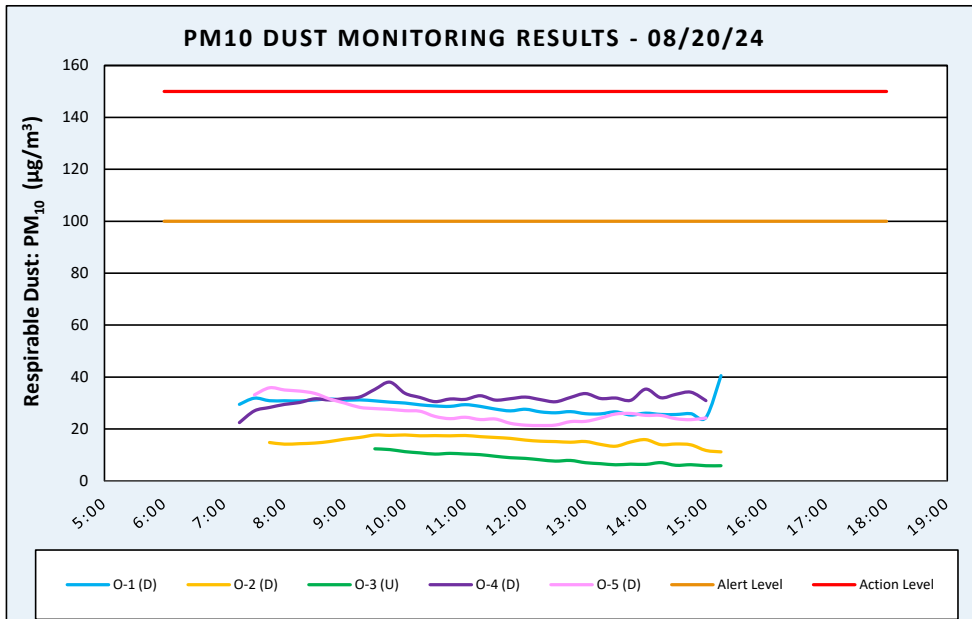
Ringwood, New Jersey

08/20/24

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Submitted By: TEI	
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	ESE, WSW	Relative Humidity (%)	44.1 - 75.7	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	57.2 - 69.2	Wind Speed (MPH)	2.3 - 4.6	Barometer (inHg)	29.30 - 29.45	0.00	

O'Connor Disposal Site 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)	28.7	40.5	No	15:15	0.0	0.0	No	7:15
O-2 (D)	15.4	17.7	No	10:00	0.0	0.0	No	7:30
O-3 (U)	8.4	12.3	No	9:30	0.0	0.0	No	9:30
O-4 (D)	31.6	38.0	No	9:45	0.0	0.0	No	7:15
O-5 (D)	26.5	35.9	No	7:45	0.0	0.0	No	7:30



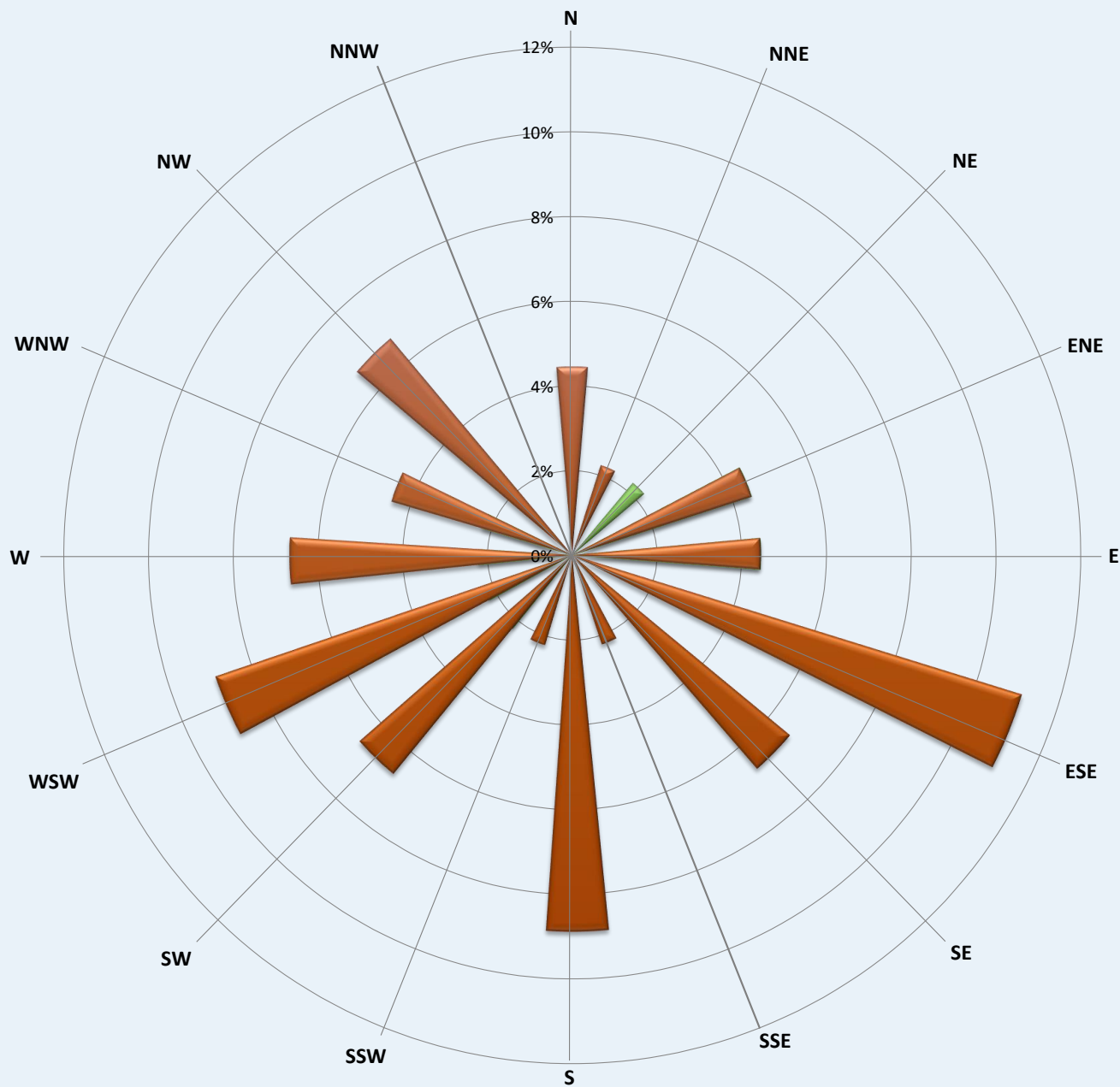
Air Monitoring Notes: No action level exceedances occurred

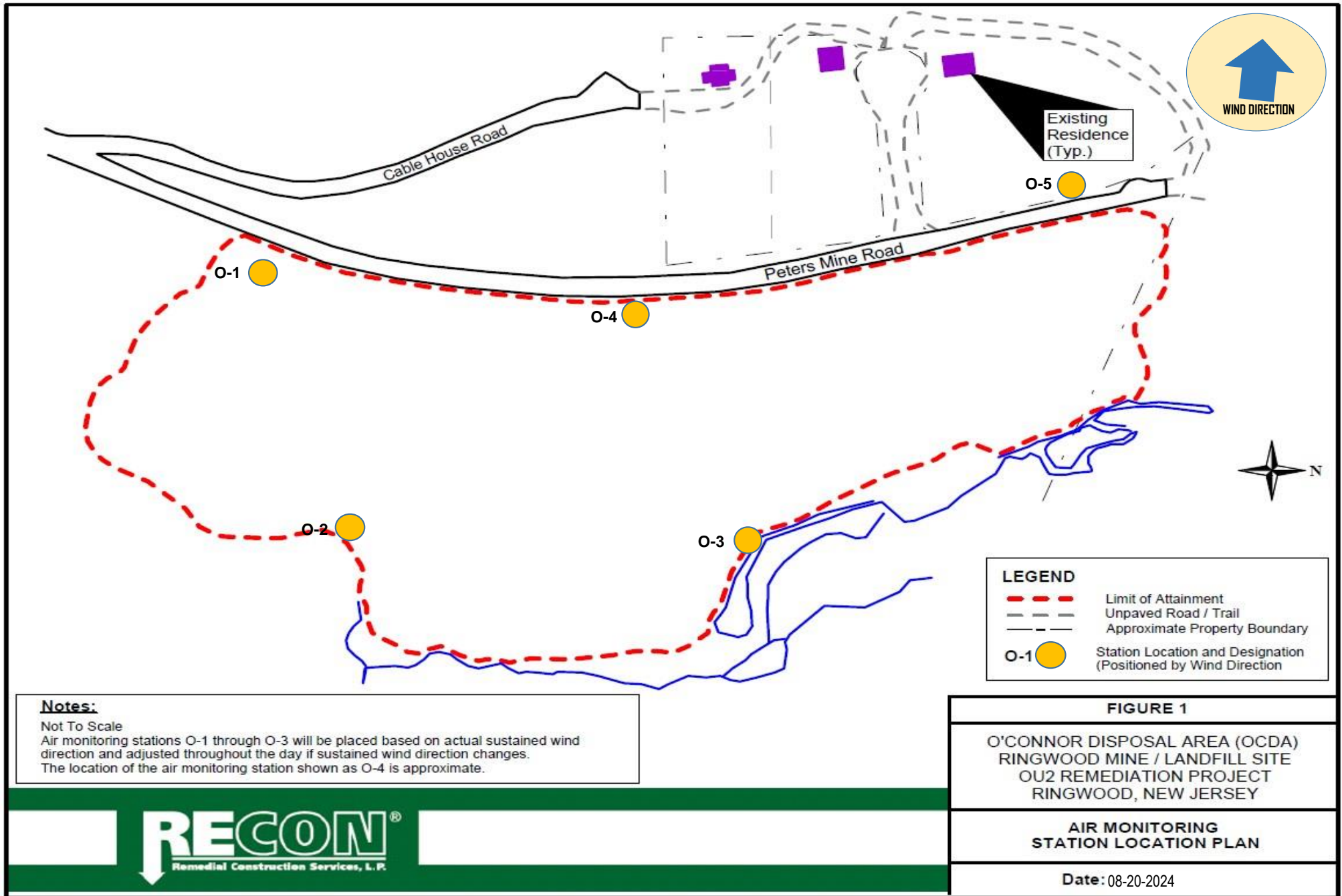
Weather Notes: Overcast with light wind



Wind Speed & Direction Plot
Daily Readings
08/20/24
Ringwood Mines/Landfill Superfund Site

- > 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)

FIGURE 1
 O'CONNOR DISPOSAL AREA (OCDA)
 RINGWOOD MINE / LANDFILL SITE
 O₂ REMEDIATION PROJECT
 RINGWOOD, NEW JERSEY

AIR MONITORING STATION LOCATION PLAN

Date: 08-20-2024

