



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

O'Connor Disposal Area

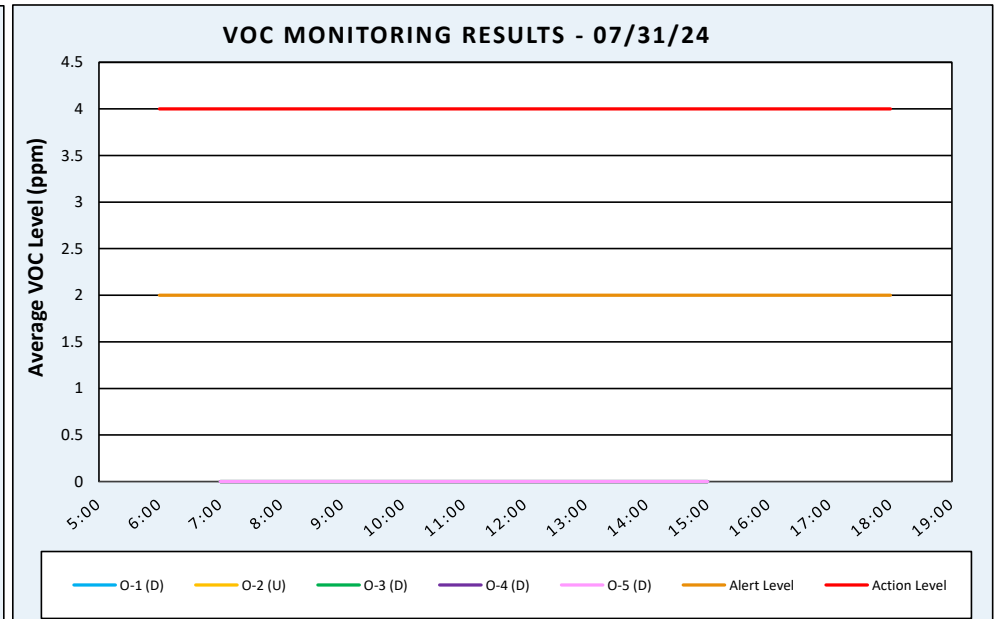
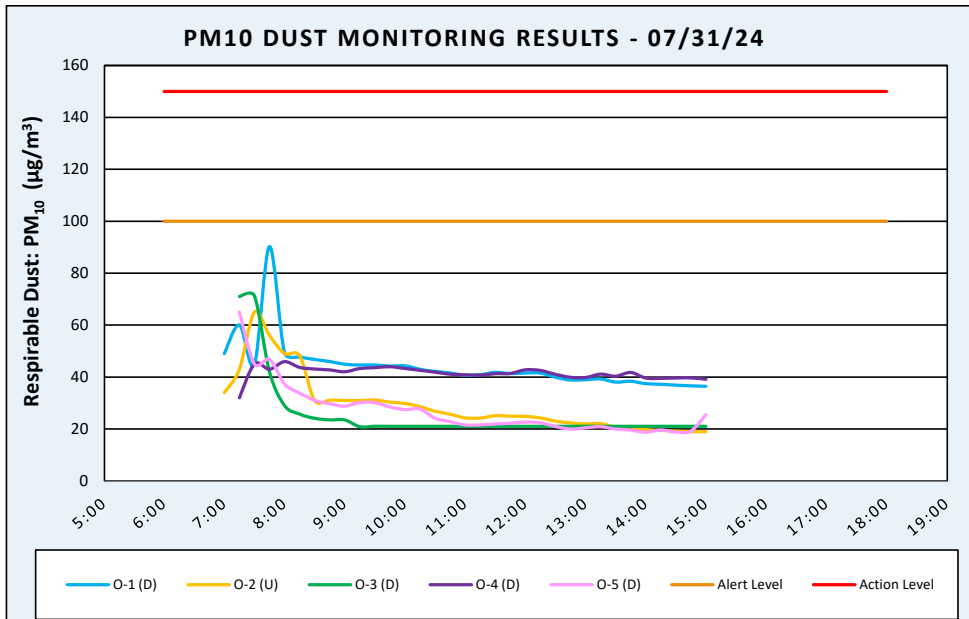
Ringwood, New Jersey

07/31/24

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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	SE	Relative Humidity (%)	54.7 - 95.4	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	71.0 - 87.5	Wind Speed (MPH)	0.4 - 4.1	Barometer (inHg)	29.37 - 29.46	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)	43.9	90.2	No	7:45	0.0	0.0	No	7:00
O-2 (U)	29.3	65.0	No	7:30	0.0	0.0	No	7:00
O-3 (D)	25.4	71.2	No	7:30	0.0	0.0	No	7:00
O-4 (D)	41.5	45.9	No	8:00	0.0	0.0	No	7:00
O-5 (D)	27.0	65.0	No	7:15	0.0	0.0	No	7:00

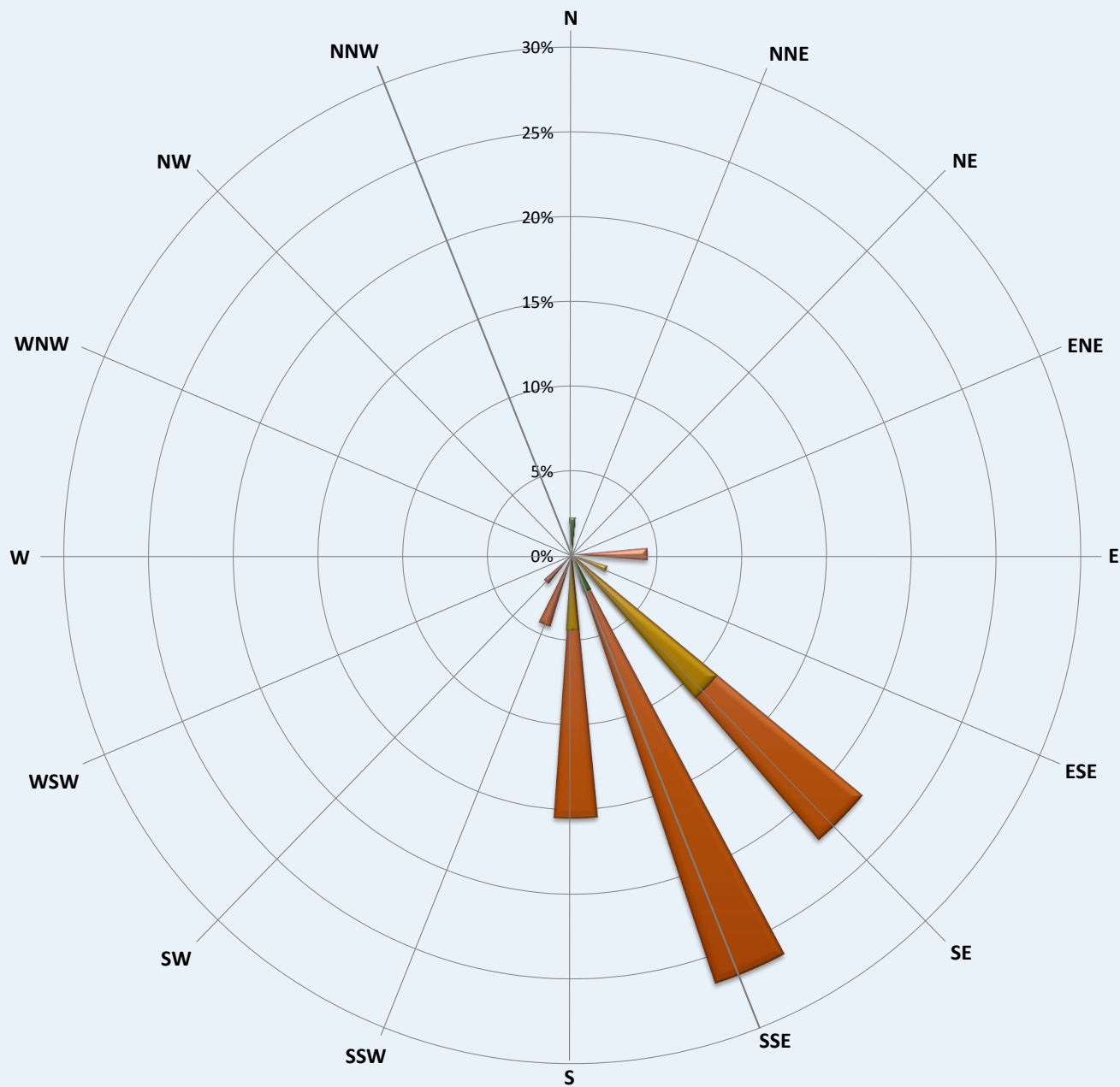
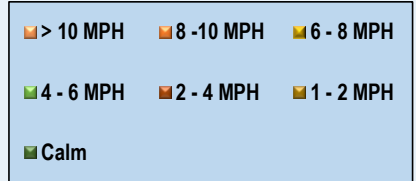


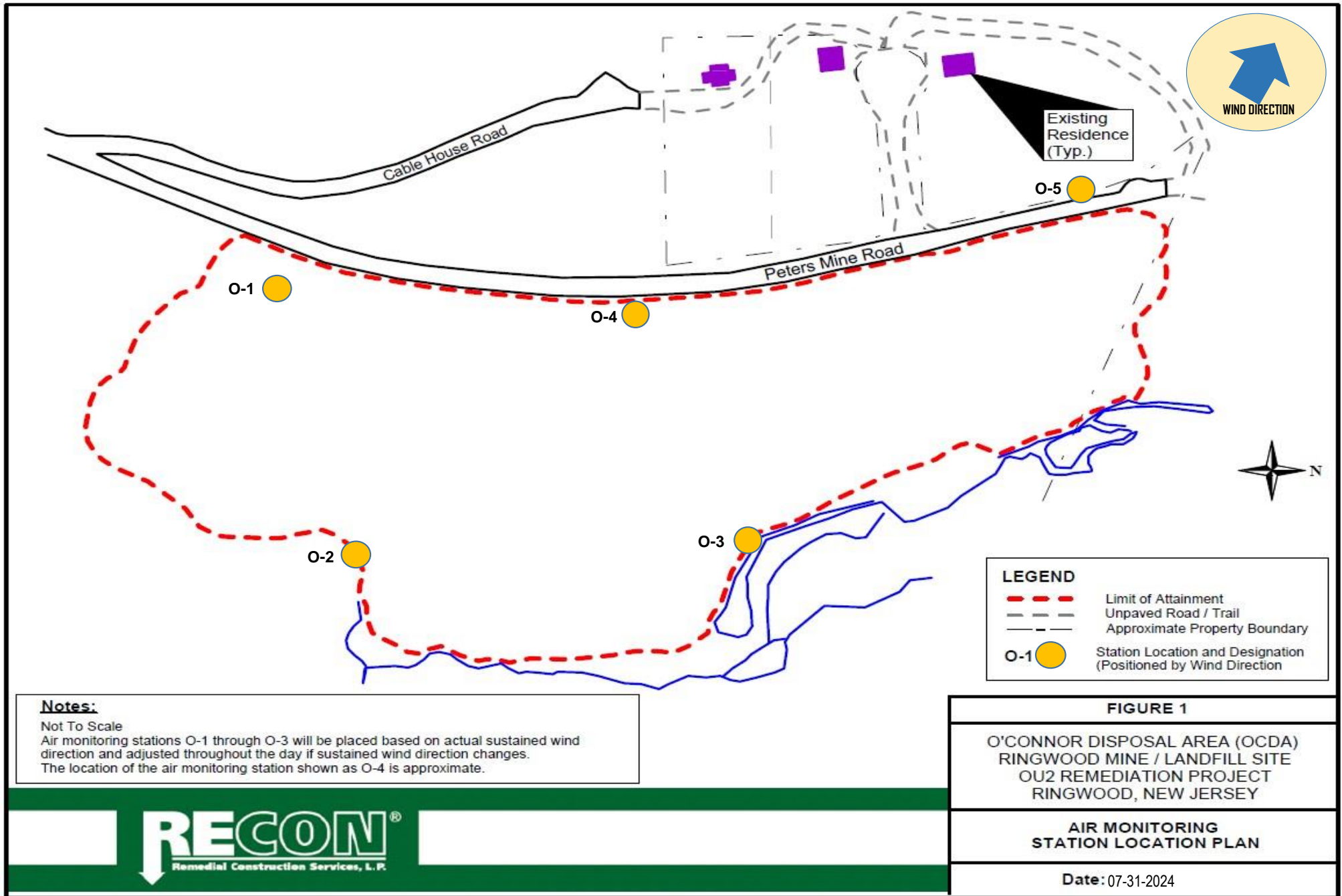
Air Monitoring Notes: No action level exceedances occurred

Weather Notes: Sunny



Wind Speed & Direction Plot
 Daily Readings
 07/31/24
 Ringwood Mines/Landfill Superfund Site





Existing Residence (Typ.)

WIND DIRECTION

LEGEND

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

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.

FIGURE 1

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

**AIR MONITORING
 STATION LOCATION PLAN**

Date: 07-31-2024

