



# DAILY AIR MONITORING REPORT

## Ringwood Mines/Landfill Superfund Site

### O'Connor Disposal Area

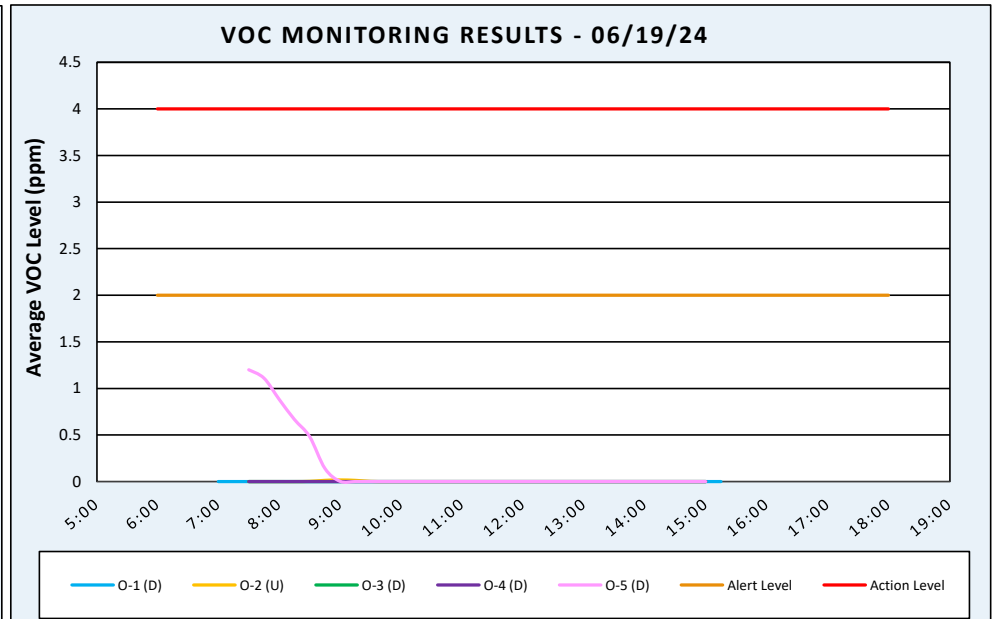
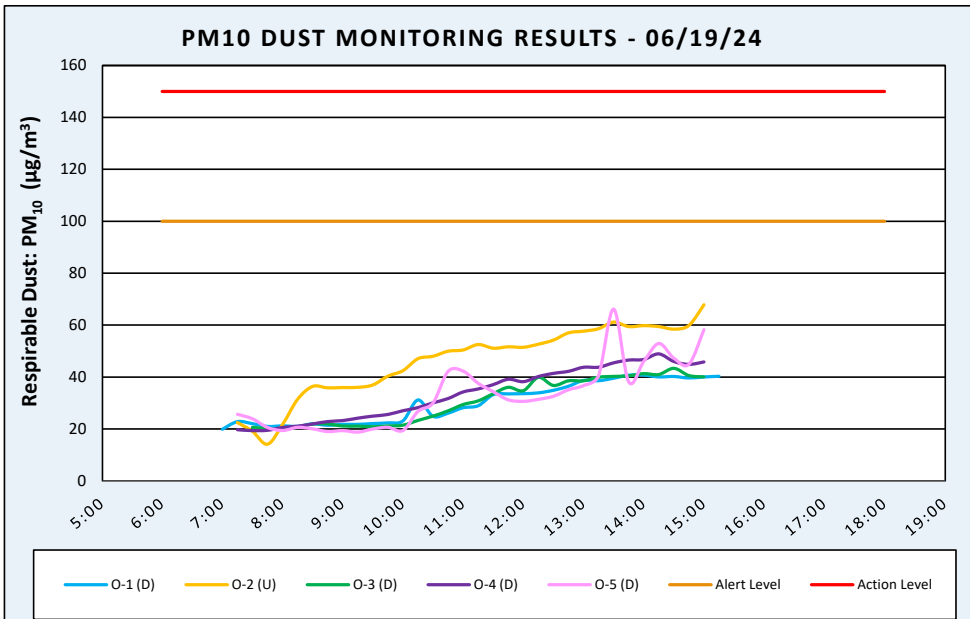
### Ringwood, New Jersey

**06/19/24**

|                   |                              |
|-------------------|------------------------------|
| Page 1 of 3       | Rev. No. 0                   |
| 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   | SSE       | Relative Humidity (%) | 48.2 - 92.1   | Daily Rain (in) | Station Designation Key:<br>Upwind = (U)<br>Downwind = (D) |
| Temp (°F)                       | 66.2 - 90.8 | Wind Speed (MPH) | 0.4 - 3.9 | Barometer (inHg)      | 29.79 - 29.88 | 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)                              | 30.2   | 40.7   | No                                | 14:00                    | 0.0                                | 0.0                                | No                                | 7:00                    |
| O-2 (U)                              | 46.3   | 67.8   | No                                | 15:00                    | 0.0                                | 0.0                                | No                                | 9:00                    |
| O-3 (D)                              | 30.7   | 43.3   | No                                | 14:30                    | 0.0                                | 0.0                                | No                                | 7:30                    |
| O-4 (D)                              | 33.7   | 48.9   | No                                | 14:15                    | 0.0                                | 0.0                                | No                                | 7:30                    |
| O-5 (D)                              | 32.9   | 66.2   | No                                | 13:30                    | 0.1                                | 1.2                                | No                                | 7:30                    |

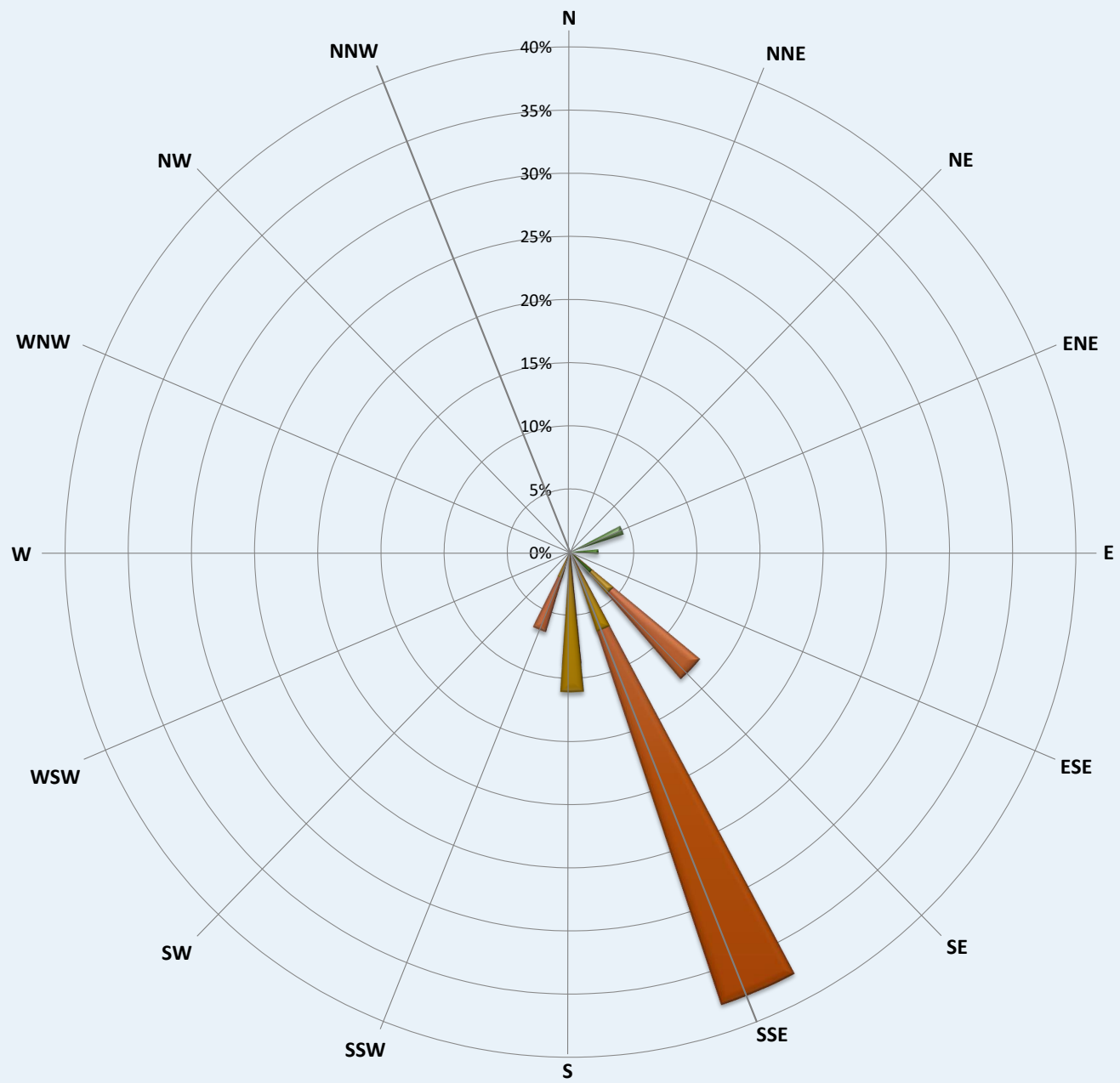
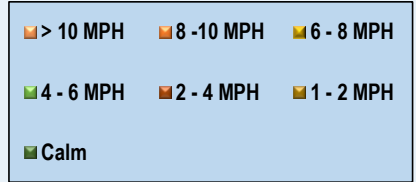


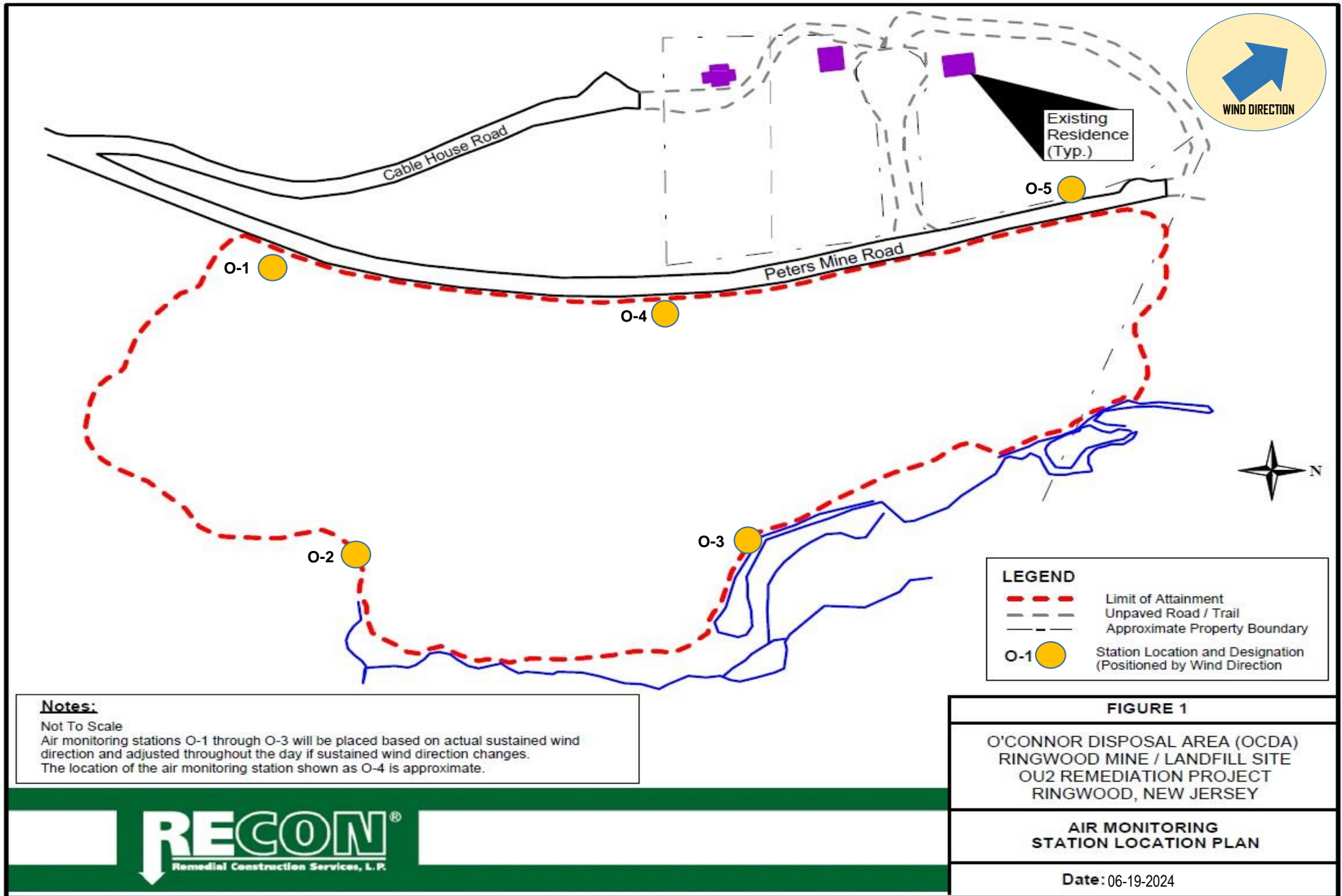
**Air Monitoring Notes:** No action level exceedances occurred

**Weather Notes:** Sunny



Wind Speed & Direction Plot  
Daily Readings  
06/19/24  
Ringwood Mines/Landfill Superfund Site





**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<br>(Positioned by Wind Direction) |

**FIGURE 1**

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

**AIR MONITORING  
 STATION LOCATION PLAN**

Date: 06-19-2024

