



## DAILY AIR MONITORING REPORT

### Ringwood Mines/Landfill Superfund Site

#### Ringwood, New Jersey

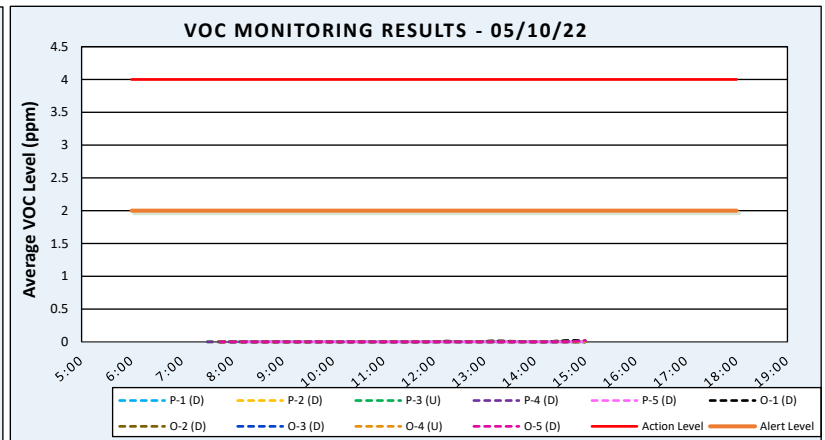
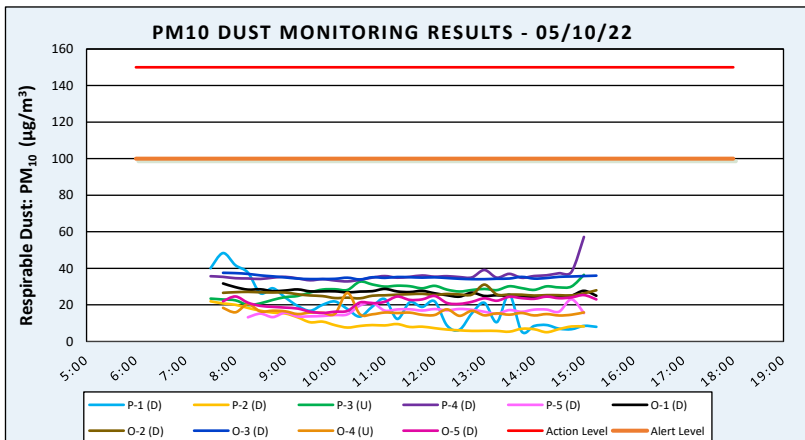
**05/10/22**

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

|                                 |             |                  |           |                       |               |                 |  |
|---------------------------------|-------------|------------------|-----------|-----------------------|---------------|-----------------|--|
| Weather Data Range for Work Day |             | Wind Direction   | NE        | Relative Humidity (%) | 23.0 - 38.5   | Daily Rain (in) | Station Designation Key:<br>Upwind = (U)<br>Downwind = (D) |
| Temp (°F)                       | 54.0 - 71.0 | Wind Speed (MPH) | 5.1 - 6.4 | Barometer (inHg)      | 30.30 - 30.40 | 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)                       | 19.2   | 48.4   | No                                | 7:45                     | 0.0                                | 0.0                                | No                                | 8:00                    |
| P-2 (D)                       | 10.2   | 22.0   | No                                | 7:30                     | 0.0                                | 0.0                                | No                                | 12:15                   |
| P-3 (U)                       | 27.8   | 36.5   | No                                | 15:00                    | 0.0                                | 0.0                                | No                                | 7:30                    |
| P-4 (D)                       | 36.0   | 57.2   | No                                | 15:00                    | 0.0                                | 0.0                                | No                                | 7:30                    |
| P-5 (D)                       | 16.5   | 23.1   | No                                | 14:45                    | 0.0                                | 0.0                                | No                                | 8:15                    |

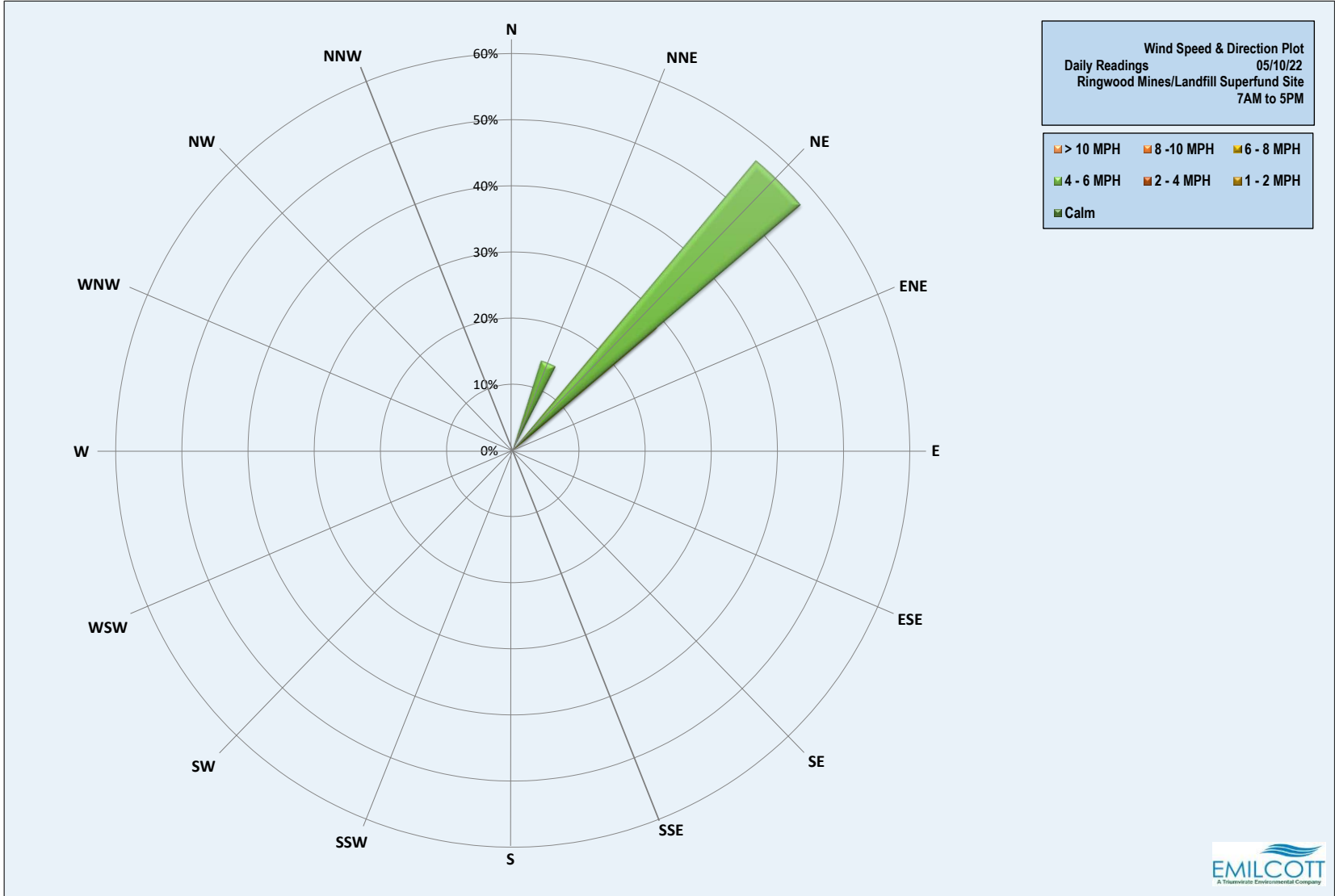
| O'Connor Disposal Area Stations | Daily Avg. Dust Concentration (µg/m <sup>3</sup> ) | Max 15 Min Dust Concentration (µg/m <sup>3</sup> ) | Reading in Excess of Action Level | Time of Max Dust Reading | Daily Avg. VOC Concentration (ppm) | Max 15 Min VOC Concentration (ppm) | Reading in Excess of Action Level | Time of Max VOC Reading |
|---------------------------------|--|--|-----------------------------------|--------------------------|------------------------------------|------------------------------------|-----------------------------------|-------------------------|
| O-1 (D)                         | 26.8   | 31.7   | No                                | 7:45                     | 0.0                                | 0.0                                | No                                | 14:45                   |
| O-2 (D)                         | 25.9   | 31.1   | No                                | 13:00                    | 0.0                                | 0.0                                | No                                | 7:45                    |
| O-3 (D)                         | 35.1   | 37.5   | No                                | 7:45                     | 0.0                                | 0.0                                | No                                | 7:45                    |
| O-4 (U)                         | 16.0   | 26.6   | No                                | 10:15                    | 0.0                                | 0.0                                | No                                | 7:45                    |
| O-5 (D)                         | 21.6   | 25.4   | No                                | 15:00                    | 0.0                                | 0.0                                | No                                | 15:00                   |

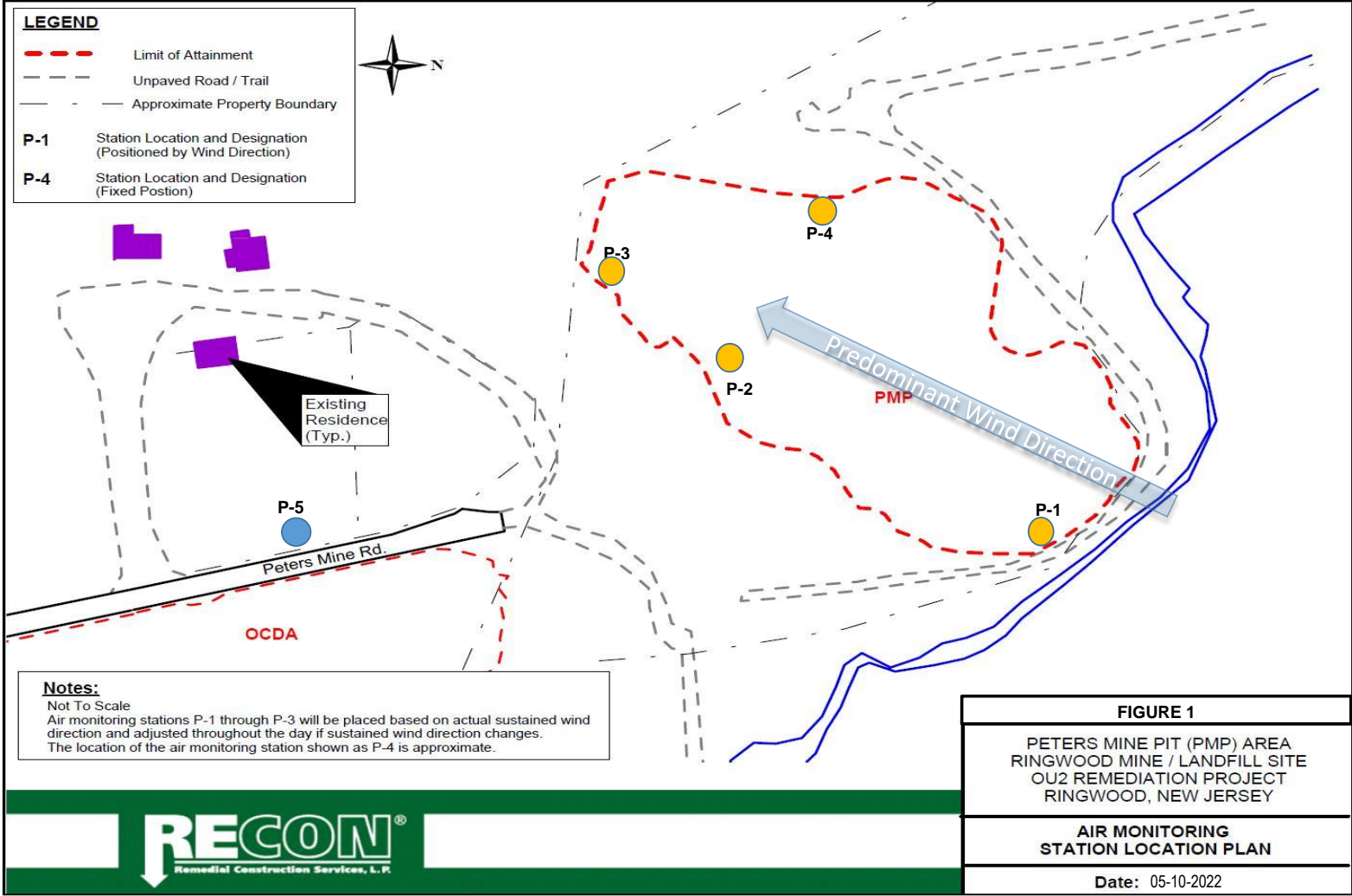


**Air Monitoring Notes:** No alert level exceedances occurred.

**Weather Notes:** Sunny







**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.

|  |
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| <b>FIGURE 1</b>  |
| PETERS MINE PIT (PMP) AREA<br>RINGWOOD MINE / LANDFILL SITE<br>OU2 REMEDIATION PROJECT<br>RINGWOOD, NEW JERSEY |
| <b>AIR MONITORING<br/>STATION LOCATION PLAN</b>  |
| Date: 05-10-2022   |



