



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

Ringwood, New Jersey

03/28/22

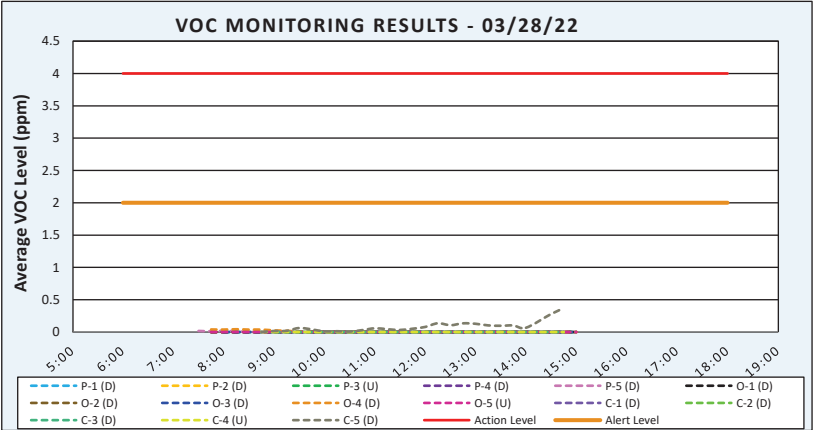
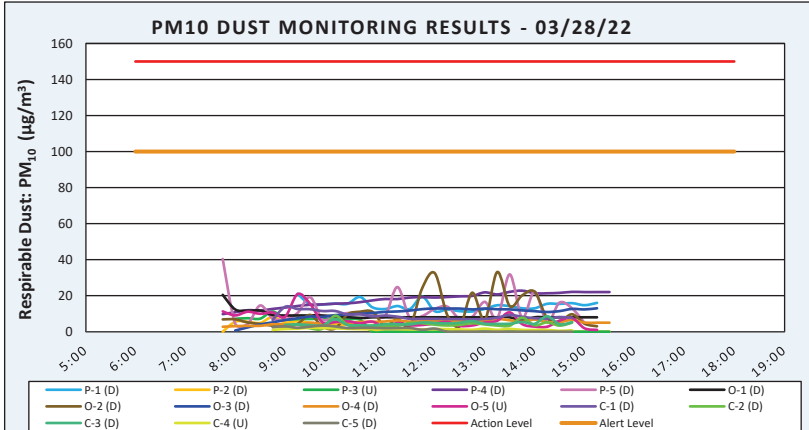
| | | |
|------------------------|-----------------------|------------|
| Page 1 of 1 | | Rev. No. 1 |
| Submitted By: Emilcott | | |
| Dust Alert Level | 100 µg/m ³ | |
| Dust Action Level | 150 µg/m ³ | |
| TVOC Alert Level | 2 ppm | |
| TVOC Action Level | 4 ppm | |

| Weather Data Range for Work Day | | Wind Direction | NW | Relative Humidity (%) | 32.0 - 55.3 | Daily Rain (in) | | Station Designation Key: Upwind = (U) Downwind = (D) |
|---------------------------------|-------------|------------------|-----------|-----------------------|---------------|-----------------|---|--|
| Temp (°F) | 19.0 - 30.0 | Wind Speed (MPH) | 5.4 - 8.2 | Barometer (inHg) | 29.90 - 29.90 | | 0 | |

| Peters Mine Pit Area Stations | Daily Avg. Dust Concentration (µg/m ³) | Max 15 Min Dust Concentration (µg/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) | 14.6 | 21.1 | No | 9:15 | 0.0 | 0.0 | No | 9:15 |
| P-2 (D) | 4.7 | 8.2 | No | 8:45 | 0.0 | 0.0 | No | 7:45 |
| P-3 (U) | 7.4 | 11.2 | No | 8:45 | 0.0 | 0.0 | No | 8:00 |
| P-4 (D) | 17.9 | 22.8 | No | 13:45 | 0.0 | 0.0 | No | 7:45 |
| P-5 (D) | 12.3 | 40.4 | No | 7:45 | 0.0 | 0.0 | No | 8:00 |

| O'Connor Disposal Area Stations | Daily Avg. Dust Concentration (µg/m ³) | Max 15 Min Dust Concentration (µg/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) | 8.9 | 20.5 | No | 7:45 | 0.0 | 0.0 | No | 7:45 |
| O-2 (D) | 10.0 | 33.1 | No | 13:15 | 0.0 | 0.0 | No | 7:45 |
| O-3 (D) | 10.0 | 13.0 | No | 15:15 | 0.0 | 0.0 | No | 8:00 |
| O-4 (D) | 5.2 | 7.1 | No | 13:15 | 0.0 | 0.0 | No | 8:15 |
| O-5 (U) | 6.5 | 20.9 | No | 9:15 | 0.0 | 0.0 | No | 7:45 |

| Cannon Mine Pit Area Stations | Daily Avg. Dust Concentration (µg/m ³) | Max 15 Min Dust Concentration (µg/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 |
|-------------------------------|--|--|-----------------------------------|--------------------------|------------------------------------|------------------------------------|-----------------------------------|-------------------------|
| C-1 (D) | 8.7 | 8.9 | No | 9:00 | 0.0 | 0.0 | No | 8:45 |
| C-2 (D) | 4.0 | 8.6 | No | 10:00 | 0.0 | 0.0 | No | 9:00 |
| C-3 (D) | 4.6 | 2.2 | No | 14:15 | 0.0 | 0.4 | No | 9:00 |
| C-4 (U) | 1.4 | 3.4 | No | 9:30 | 0.0 | 0.0 | No | 8:45 |
| C-5 (D) | 2.1 | 0.0 | No | 9:45 | 0.1 | 0.0 | No | 14:45 |



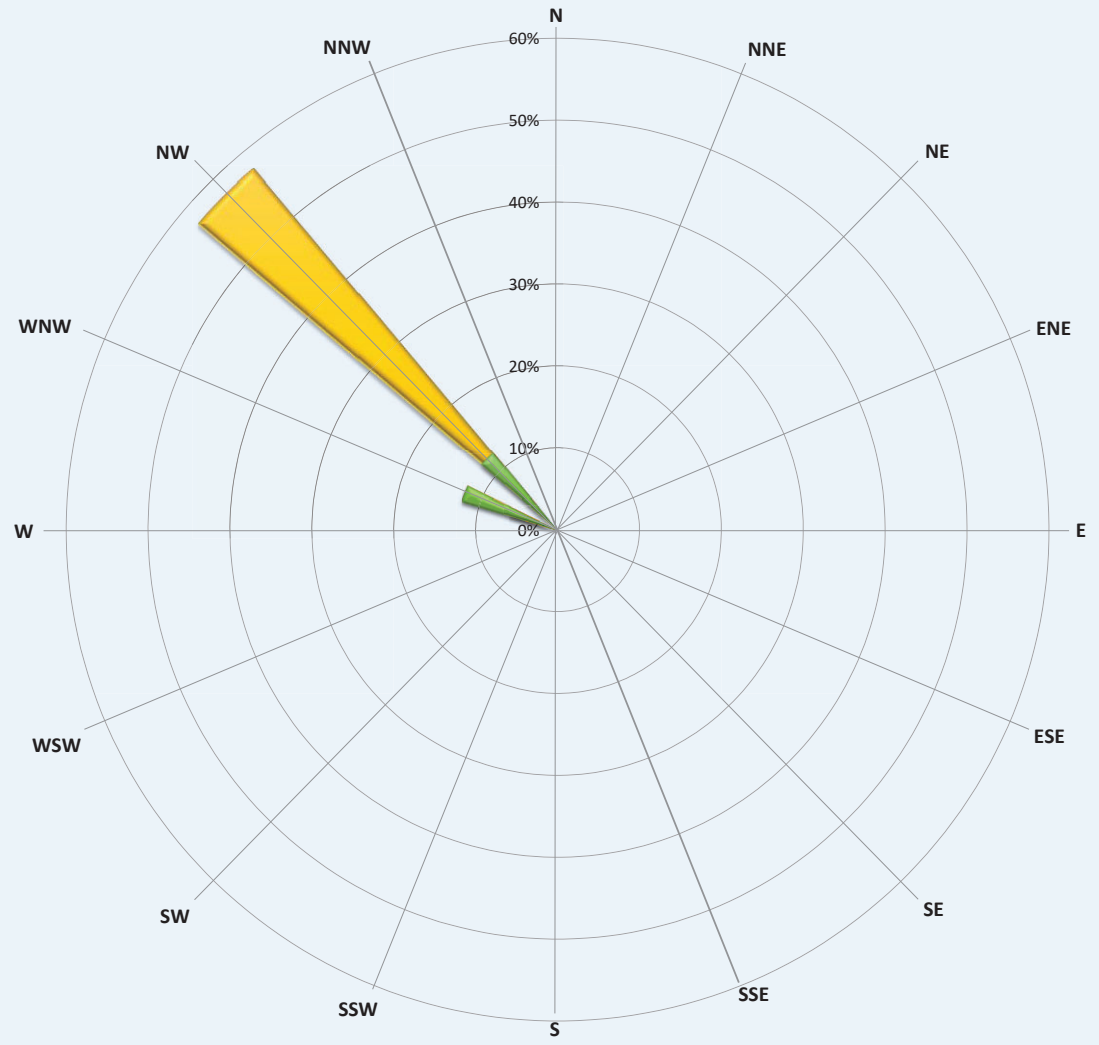
Air Monitoring Notes: No action level exceedances occurred.

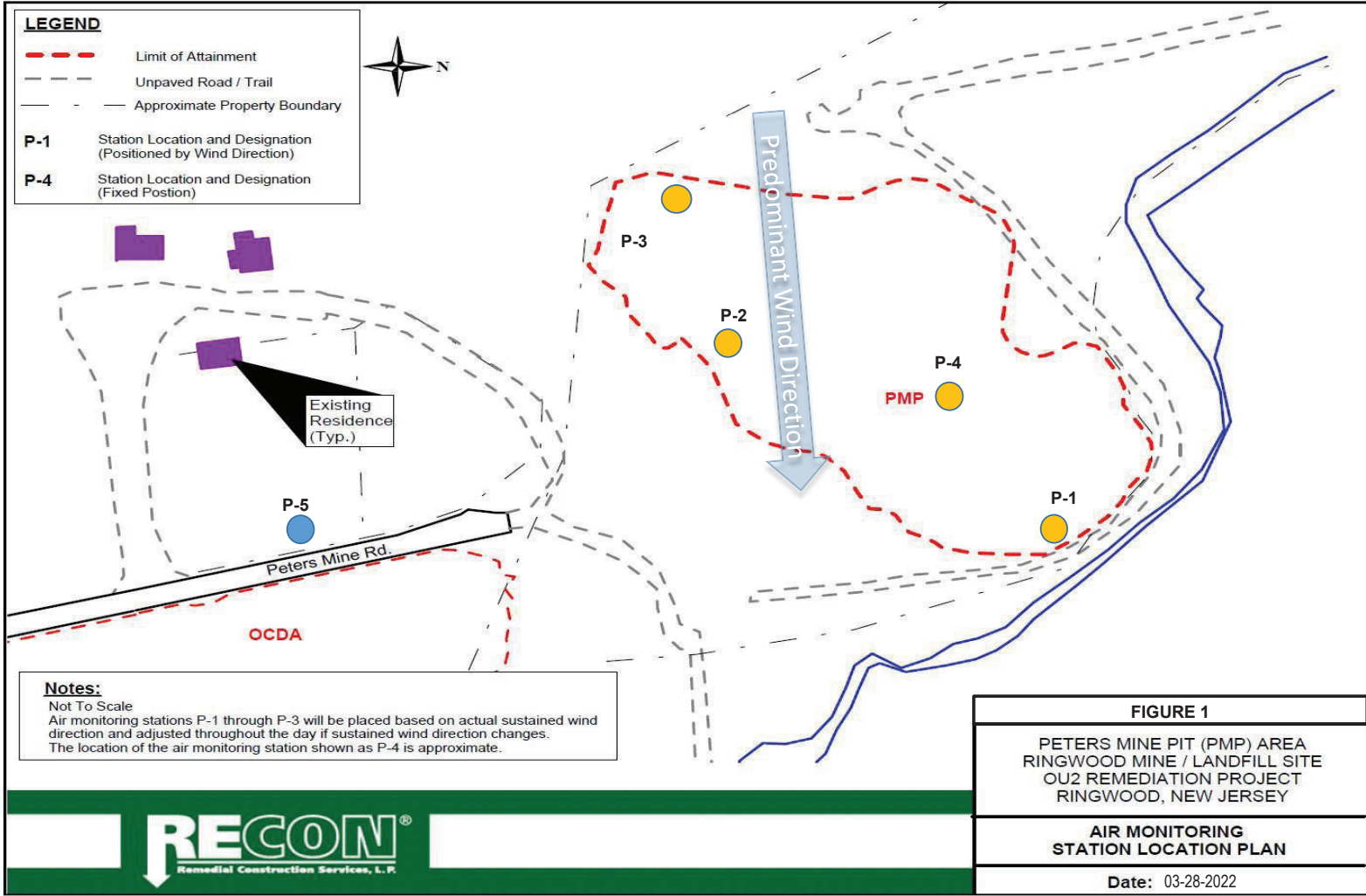
Weather Notes: Cold and partly cloudy. Some intermittent precipitation.

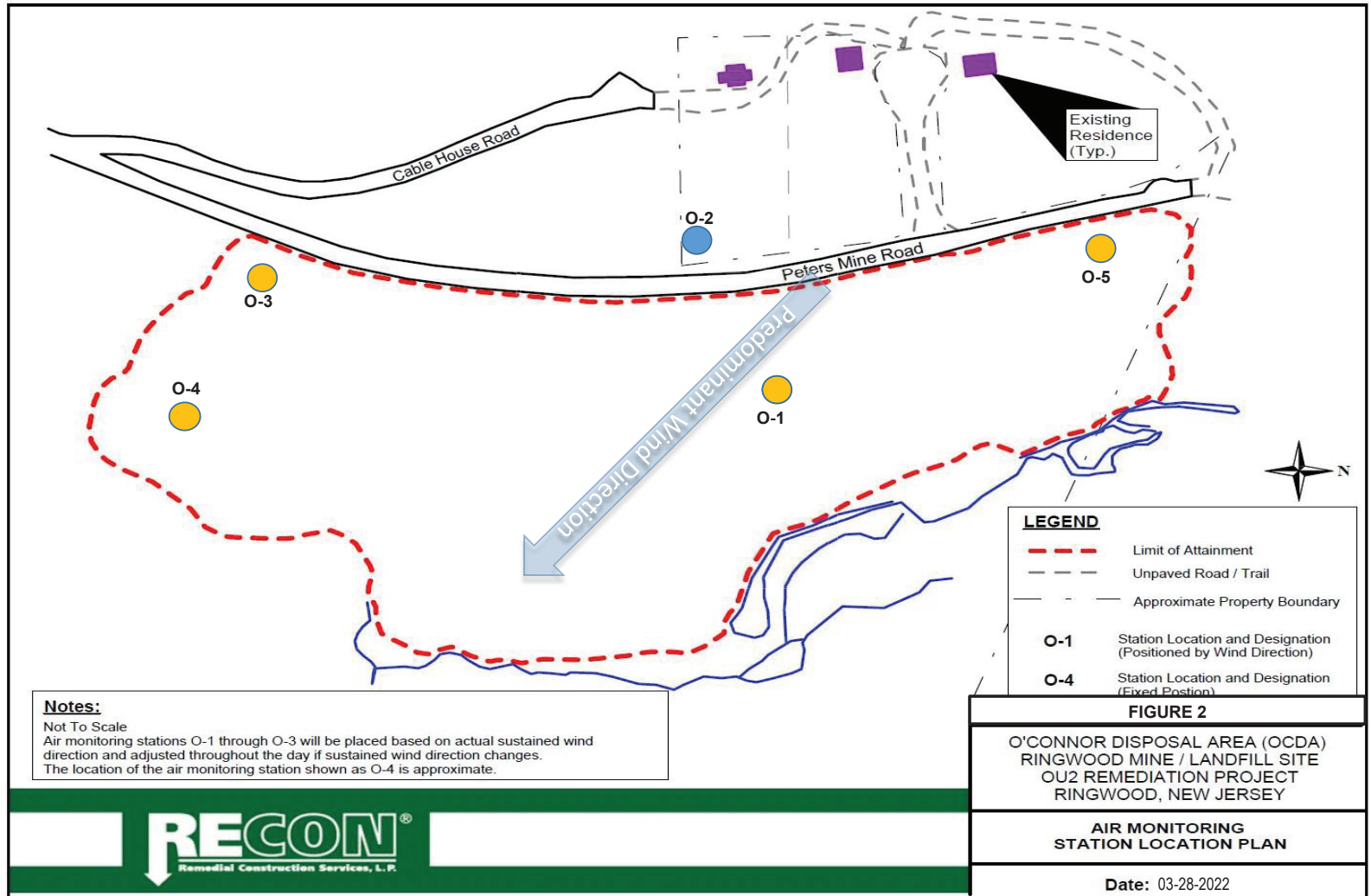


Wind Speed & Direction Plot
 Daily Readings 03/28/22
 Ringwood Mines/Landfill Superfund Site
 7AM to 5PM

- > 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
- O-1** Station Location and Designation (Positioned by Wind Direction)
- O-4** Station Location and Designation (Fixed Position)

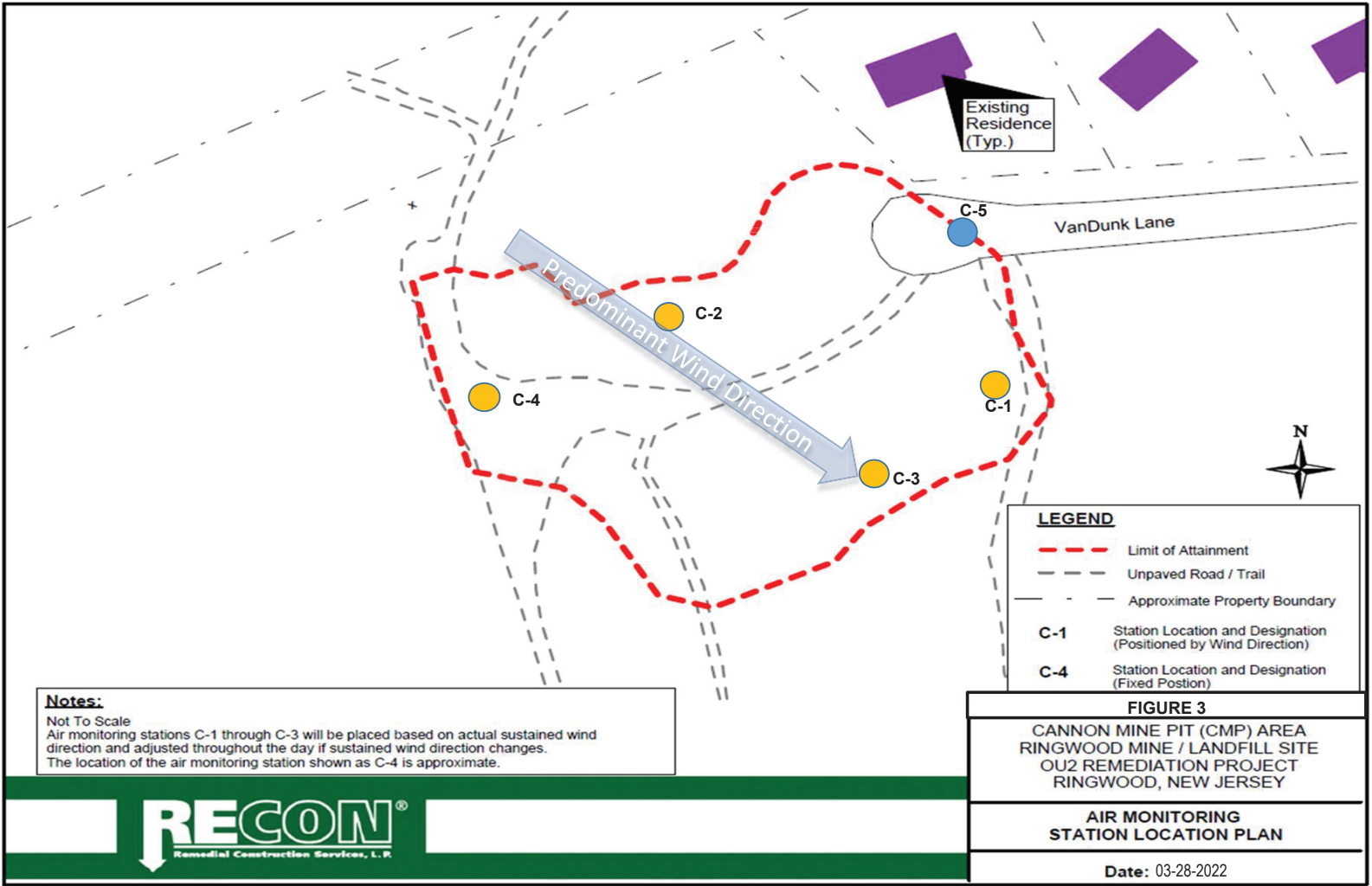
FIGURE 2

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

**AIR MONITORING
 STATION LOCATION PLAN**

Date: 03-28-2022





Notes:
 Not To Scale
 Air monitoring stations C-1 through C-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 C-4 is approximate.

| LEGEND | |
|--------|---|
| | Limit of Attainment |
| | Unpaved Road / Trail |
| | Approximate Property Boundary |
| | C-1 Station Location and Designation (Positioned by Wind Direction) |
| | C-4 Station Location and Designation (Fixed Position) |

FIGURE 3
 CANNON MINE PIT (CMP) AREA
 RINGWOOD MINE / LANDFILL SITE
 OU2 REMEDIATION PROJECT
 RINGWOOD, NEW JERSEY

**AIR MONITORING
 STATION LOCATION PLAN**

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