



# DAILY AIR MONITORING REPORT

## Ringwood Mines/Landfill Superfund Site

### Ringwood, New Jersey

04/05/22

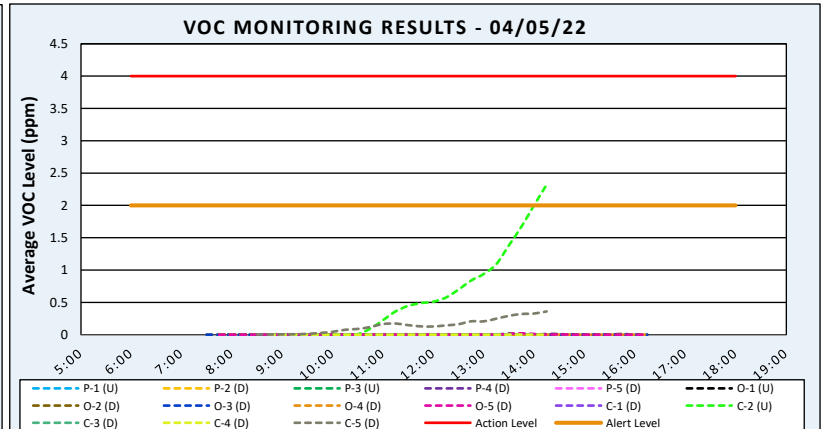
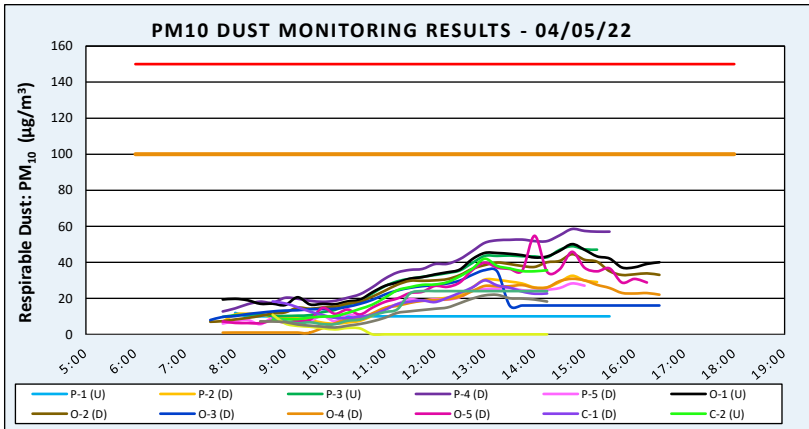
Page 1 of 1		Rev. No. 2
Submitted By: Emilcott		
Dust Alert Level	100 µg/m <sup>3</sup>	
Dust Action Level	150 µg/m <sup>3</sup>	
TVOC Alert Level	2 ppm	
TVOC Action Level	4 ppm	

Weather Data Range for Work Day		Wind Direction	SSE	Relative Humidity (%)	36.7 - 88.3	Daily Rain (in)	0	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	35.7 - 57.3	Wind Speed (MPH)	0.6 - 5.1	Barometer (inHg)	30.00 - 30.10			

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
<span style="color: blue;">—</span> P-1 (U)	10.1	11.9	No	8:00	0.0	0.0	No	7:45
<span style="color: yellow;">—</span> P-2 (D)	18.0	32.5	No	14:45	0.0	0.0	No	7:45
<span style="color: green;">—</span> P-3 (U)	28.3	48.9	No	14:45	0.0	0.0	No	7:45
<span style="color: purple;">—</span> P-4 (D)	35.7	58.5	No	14:45	0.0	0.0	No	7:45
<span style="color: pink;">—</span> P-5 (D)	16.3	28.3	No	14:45	0.0	0.0	No	7:45

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
<span style="color: black;">—</span> O-1 (U)	32.0	50.1	No	14:45	0.0	0.0	No	13:30
<span style="color: brown;">—</span> O-2 (D)	26.7	44.5	No	14:45	0.0	0.0	No	7:30
<span style="color: blue;">—</span> O-3 (D)	18.4	35.6	No	13:00	0.0	0.0	No	7:30
<span style="color: orange;">—</span> O-4 (D)	17.1	30.8	No	14:45	0.0	0.0	No	7:45
<span style="color: pink;">—</span> O-5 (D)	24.0	54.7	No	14:00	0.0	0.0	No	13:45

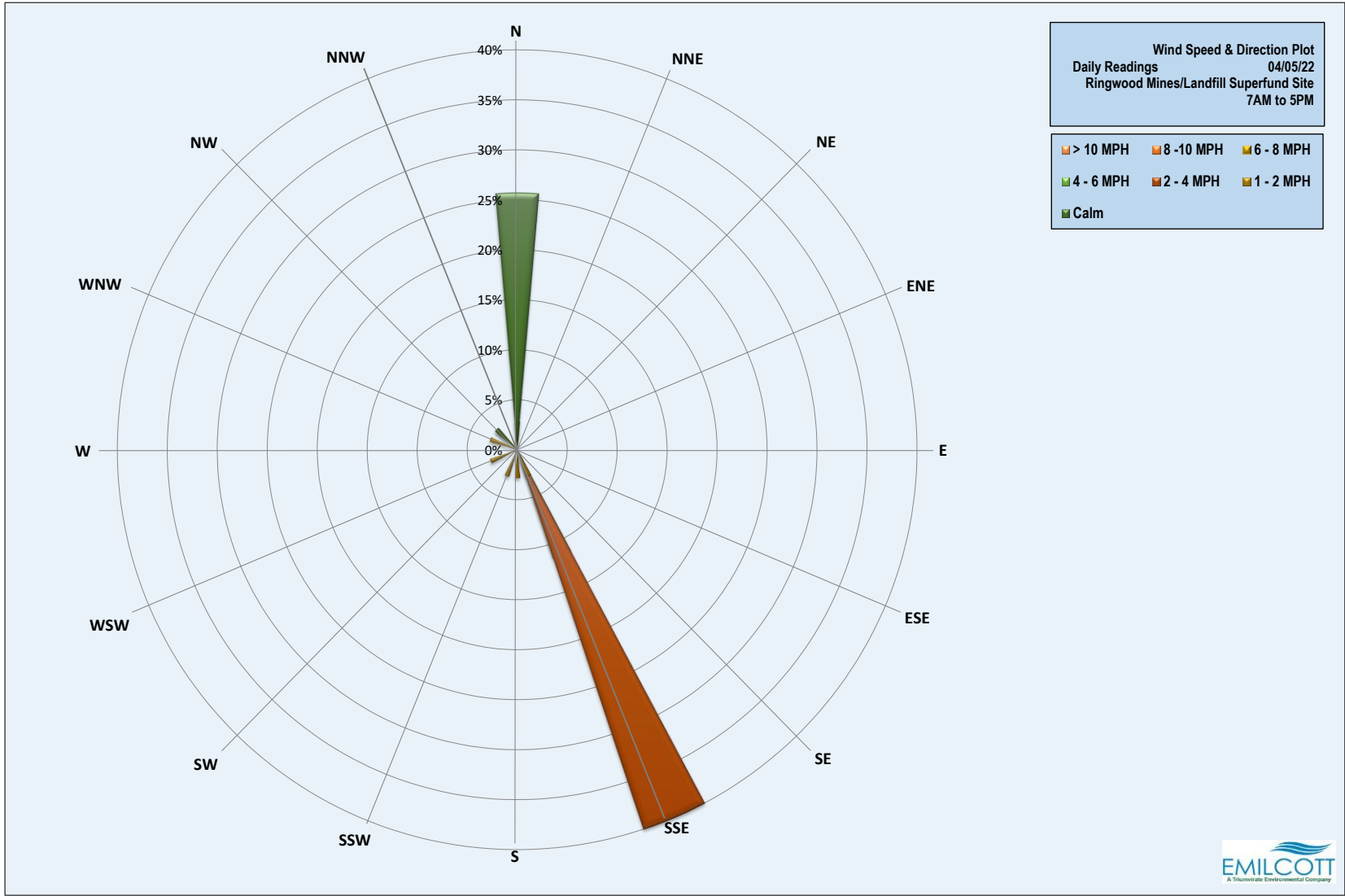
Cannon Mine Pit Area Stations	Daily Avg. Dust Concentration (µg/m <sup>3</sup> )	Max 15 Min Dust Concentration (µg/m <sup>3</sup> )	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading
<span style="color: purple;">—</span> C-1 (D)	18.2	42.0	No	13:00	0.0	0.0	No	8:45
<span style="color: green;">—</span> C-2 (U)	23.6	24.0	No	13:00	0.6	2.3	No	14:15
<span style="color: teal;">—</span> C-3 (D)	16.5	10.9	No	11:45	0.0	0.4	No	8:45
<span style="color: yellow;">—</span> C-4 (D)	4.8	21.9	No	8:45	0.0	0.0	No	8:45
<span style="color: grey;">—</span> C-5 (D)	12.2	0.0	No	13:15	0.1	0.0	No	14:15

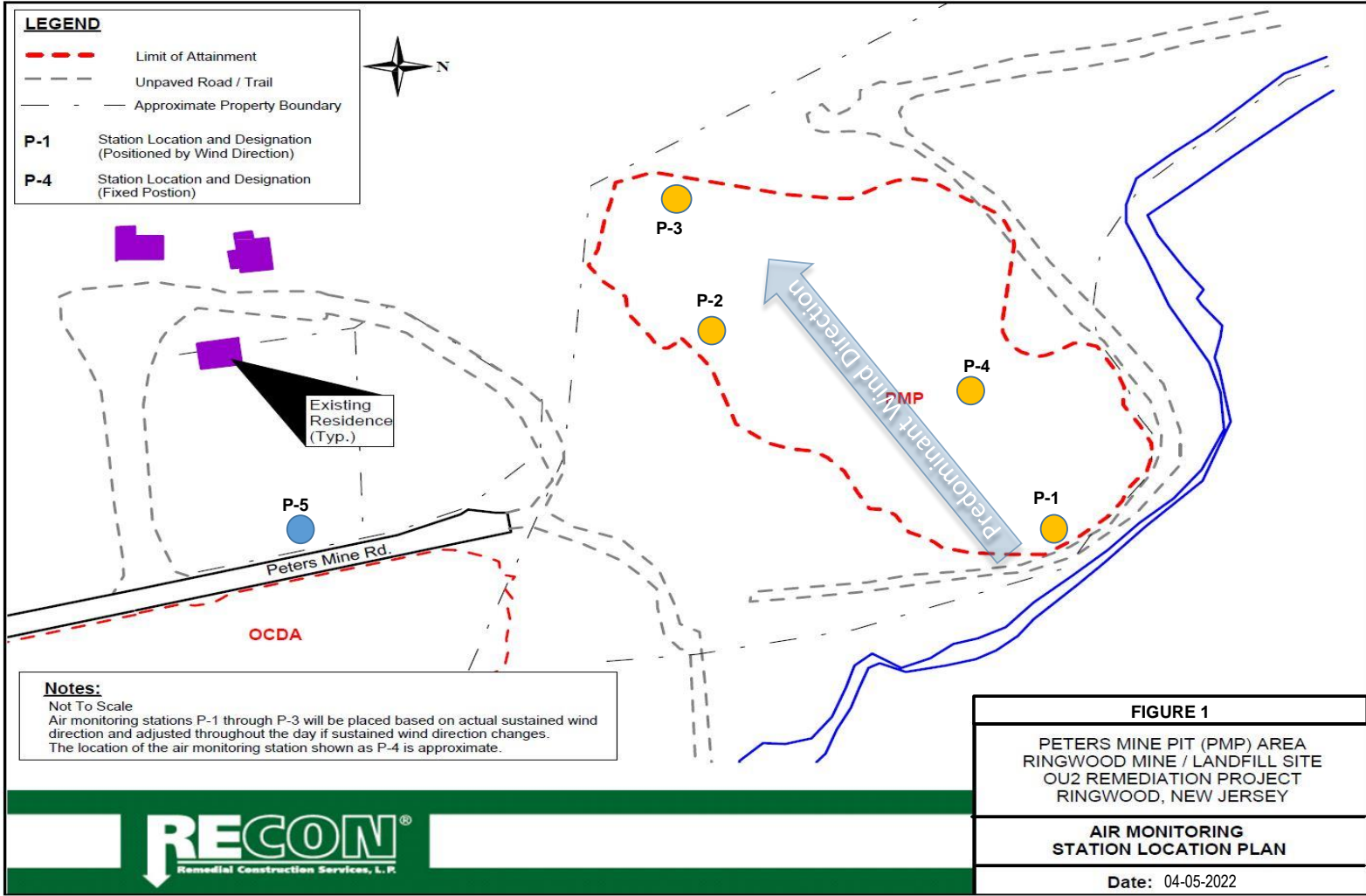


**Air Monitoring Notes:** VOC alert level exceedance at C-2 at 14:15 was a misreading. The wind was blowing from the SSE making the station upwind at the time of the exceedance. The reading was confirmed to be false by using a handheld PID. The device was zeroed with a zero filter and readings returned to below alert levels. No other exceedances occurred.

**Weather Notes:** Partly cloudy and cool.







**LEGEND**

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

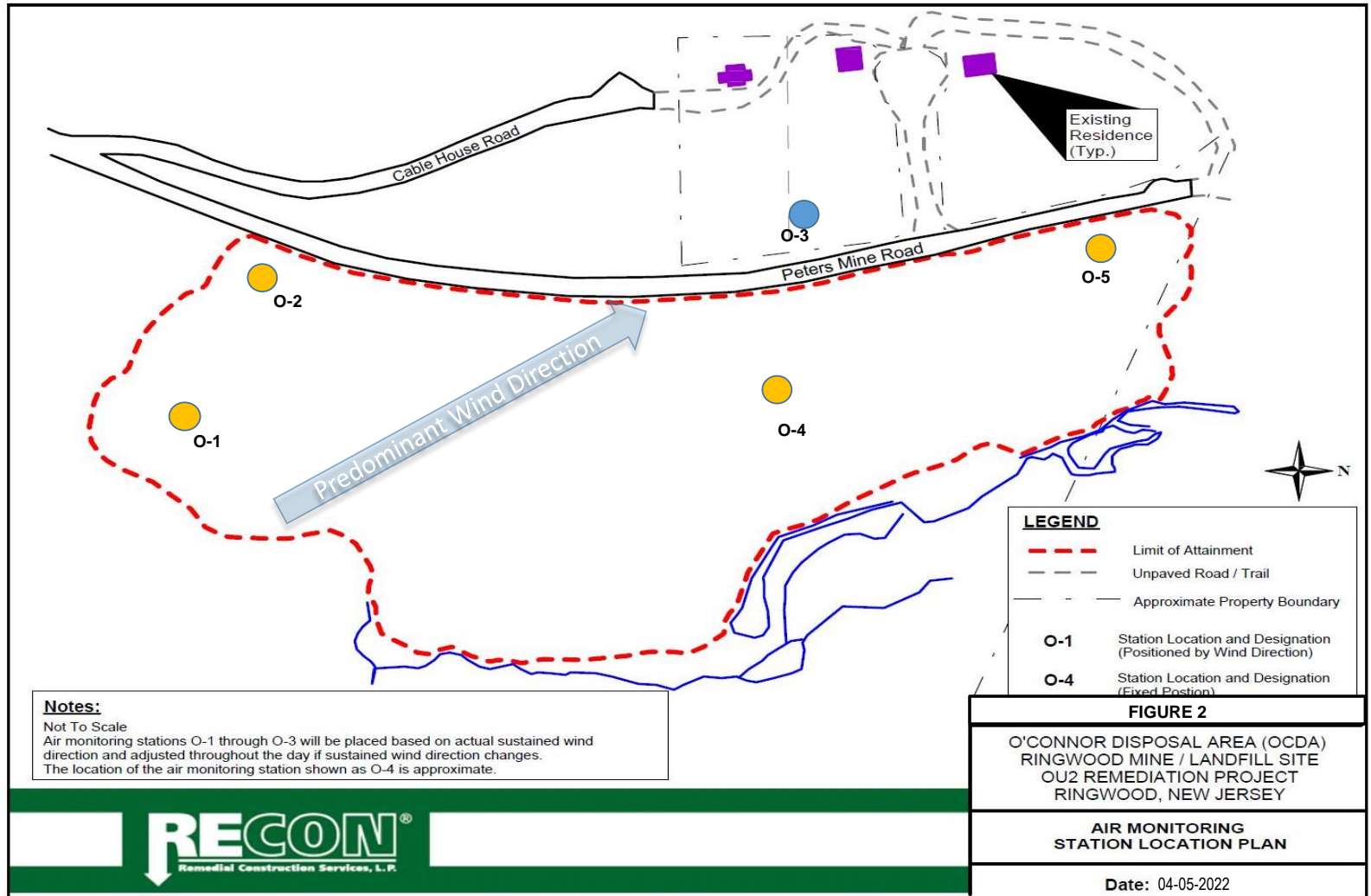
**Notes:**  
 Not To Scale  
 Air monitoring stations P-1 through P-3 will be placed based on actual sustained wind direction and adjusted throughout the day if sustained wind direction changes.  
 The location of the air monitoring station shown as P-4 is approximate.

**FIGURE 1**  
 PETERS MINE PIT (PMP) AREA  
 RINGWOOD MINE / LANDFILL SITE  
 OU2 REMEDIATION PROJECT  
 RINGWOOD, NEW JERSEY

**AIR MONITORING  
 STATION LOCATION PLAN**

Date: 04-05-2022





**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)

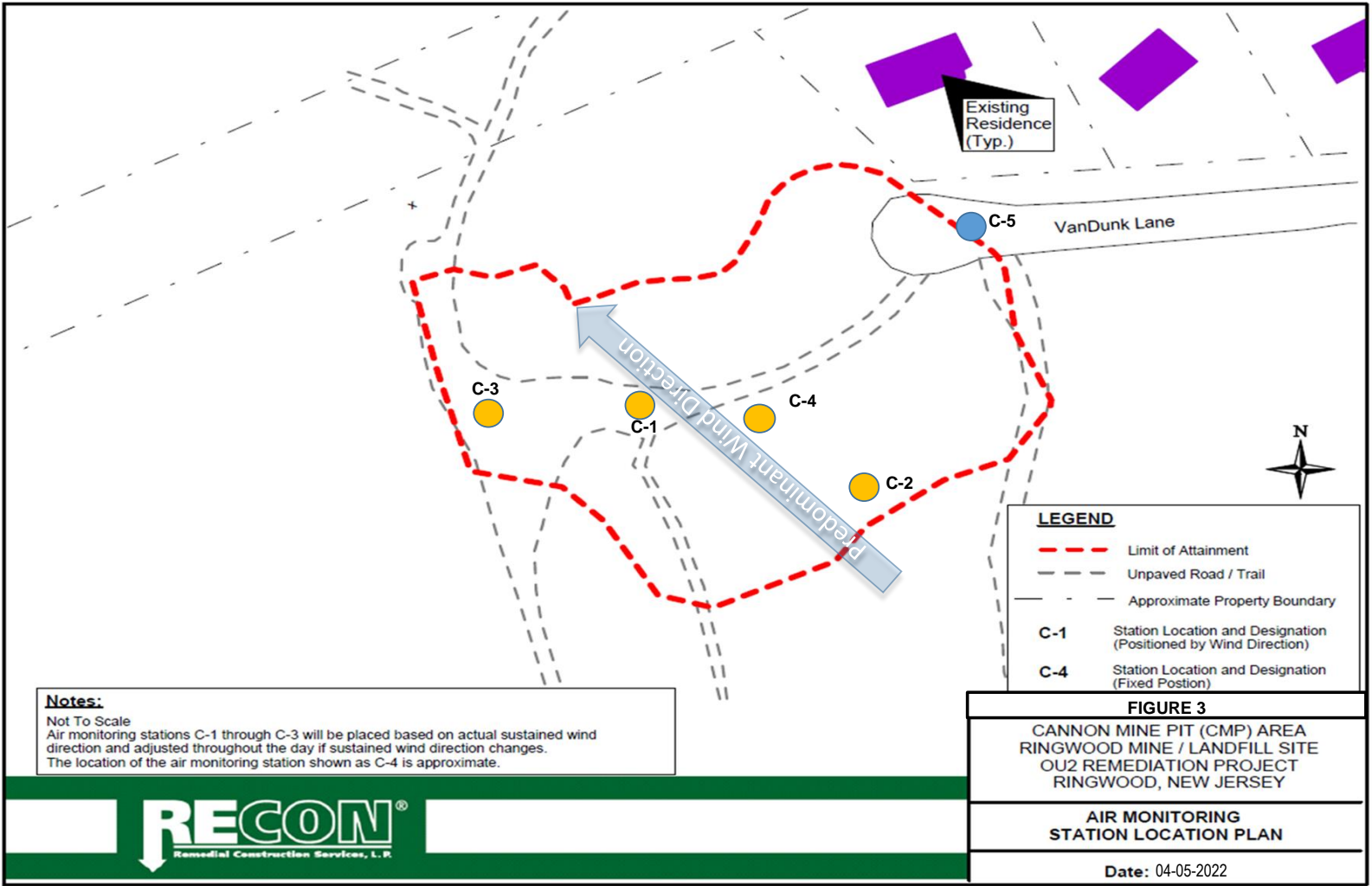
**FIGURE 2**

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

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**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
<b>C-1</b>	Station Location and Designation (Positioned by Wind Direction)
<b>C-4</b>	Station Location and Designation (Fixed Position)

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

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