



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

Ringwood, New Jersey

04/28/22

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Submitted By: Emilcott

Rev. No. 1

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

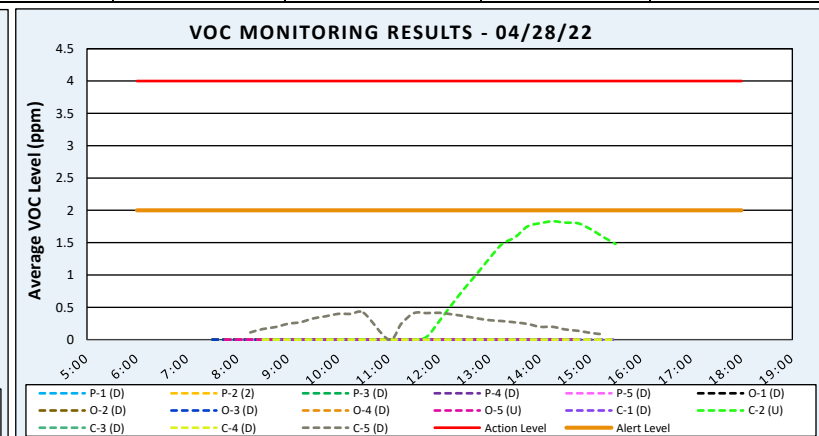
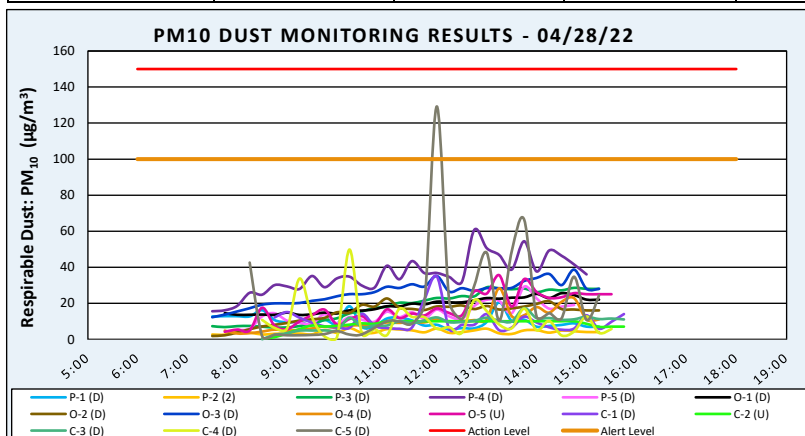
TVOC Action Level 4 ppm

Weather Data Range for Work Day		Wind Direction	NNW	Relative Humidity (%)	18.5 - 58.7	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	37.0 - 54.0	Wind Speed (MPH)	6.1 - 8.9	Barometer (inHg)	30.00 - 30.10	0	

Peters Mine Pit 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
P-1 (D)	10.0	20.5	No	13:15	0.0	0.0	No	7:30
P-2 (Z)	4.1	6.2	No	10:15	0.0	0.0	No	7:30
P-3 (D)	18.3	28.8	No	13:00	0.0	0.0	No	7:30
P-4 (D)	35.4	60.7	No	12:45	0.0	0.0	No	7:30
P-5 (D)	14.2	29.2	No	13:45	0.0	0.0	No	8:00

O'Connor Disposal 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)	18.8	25.6	No	14:30	0.0	0.0	No	7:45
O-2 (D)	14.3	22.6	No	11:00	0.0	0.0	No	7:30
O-3 (D)	25.9	38.7	No	14:45	0.0	0.0	No	7:30
O-4 (D)	10.2	28.3	No	13:15	0.0	0.0	No	7:45
O-5 (U)	16.8	35.6	No	13:15	0.0	0.0	No	7:45

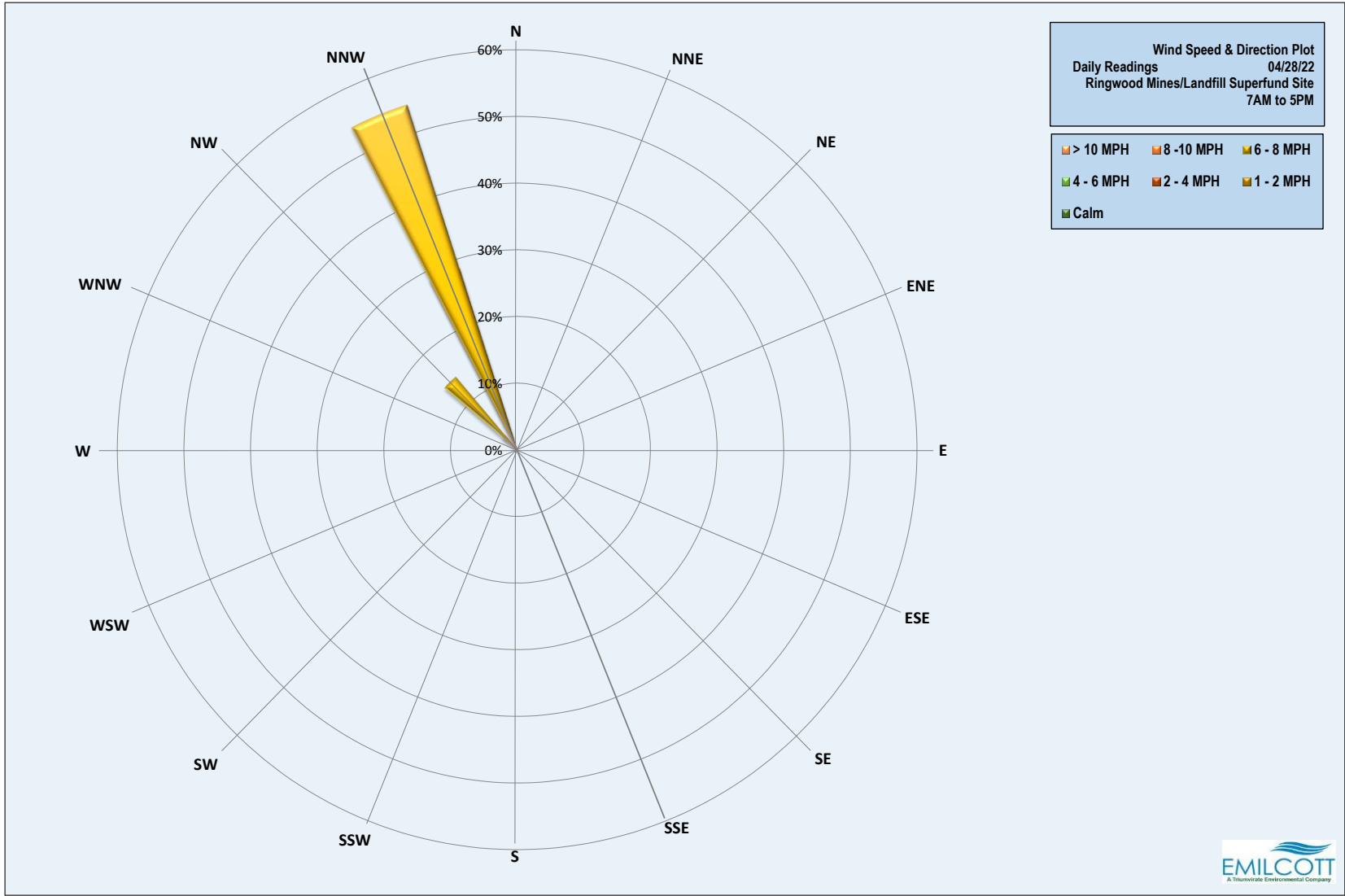
Cannon Mine Pit Area Stations	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading
C-1 (D)	10.2	10.0	No	12:00	0.0	0.0	No	8:45
C-2 (U)	8.3	17.3	No	11:00	0.7	0.0	No	14:15
C-3 (D)	9.4	49.8	No	13:45	0.0	0.4	No	8:30
C-4 (D)	10.4	49.8	No	10:15	0.0	0.0	No	8:30
C-5 (D)	21.0	129.3	No	12:00	0.3	0.0	No	12:00

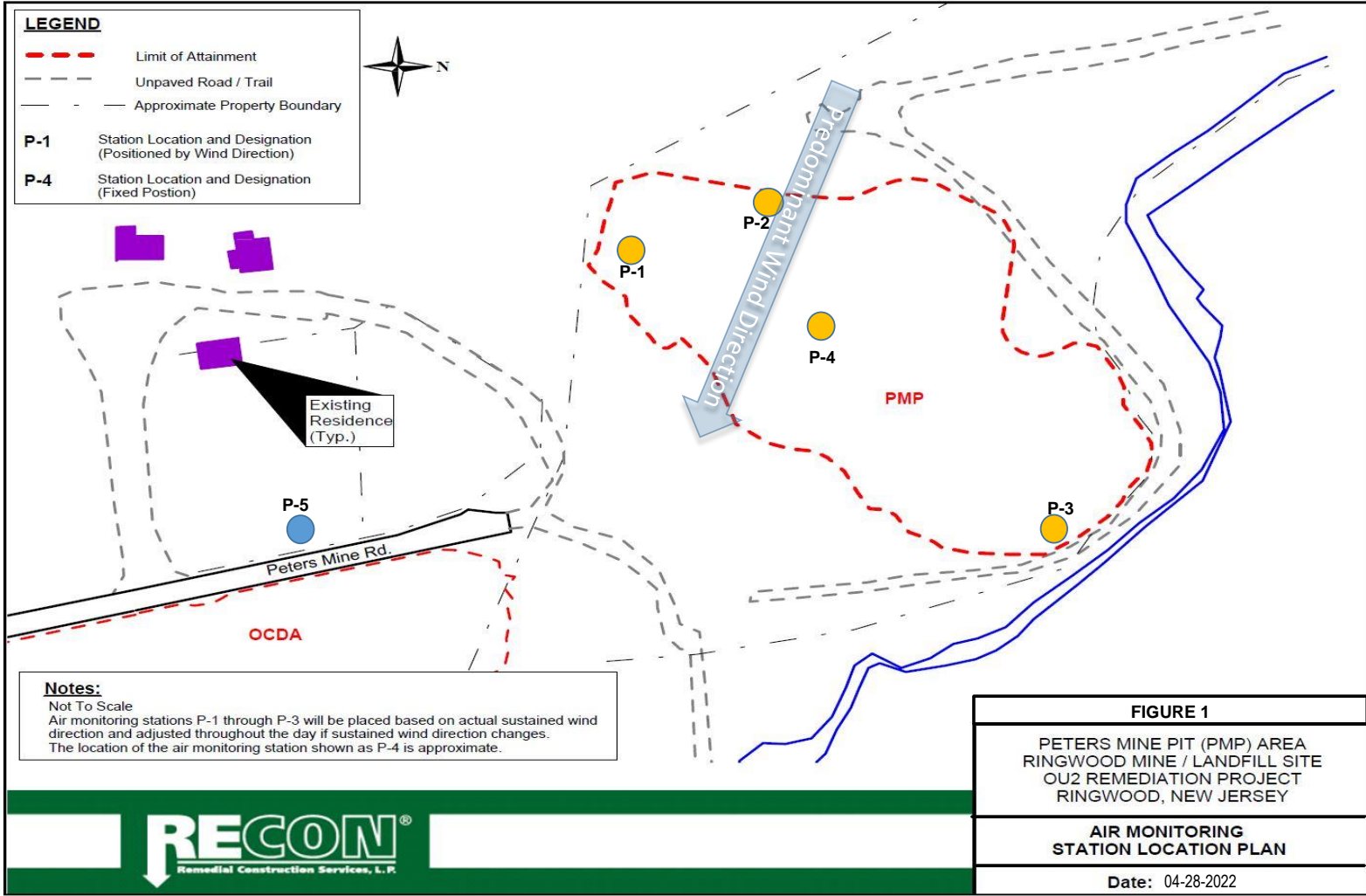


Air Monitoring Notes: The Dust Alert level exceedance at CMP Station C-5 at 12:00 was due to high winds blowing clean surface dust directly into the monitor. The wind was blowing 8.09 MPH NNW. A water truck was brought in to address and readings returned to below alert levels. No other alert level exceedances occurred.

Weather Notes: Sunny and warm.







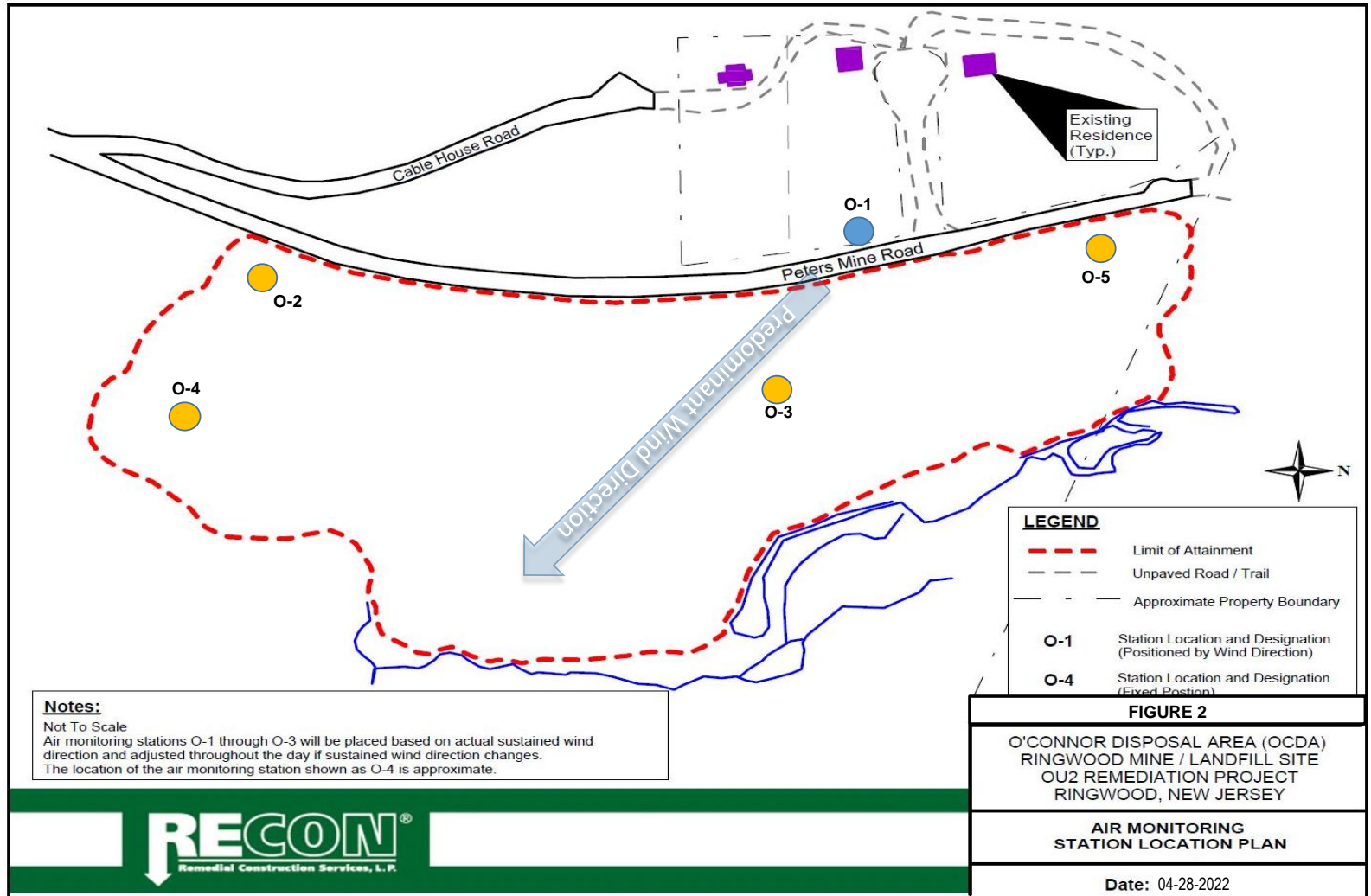
LEGEND

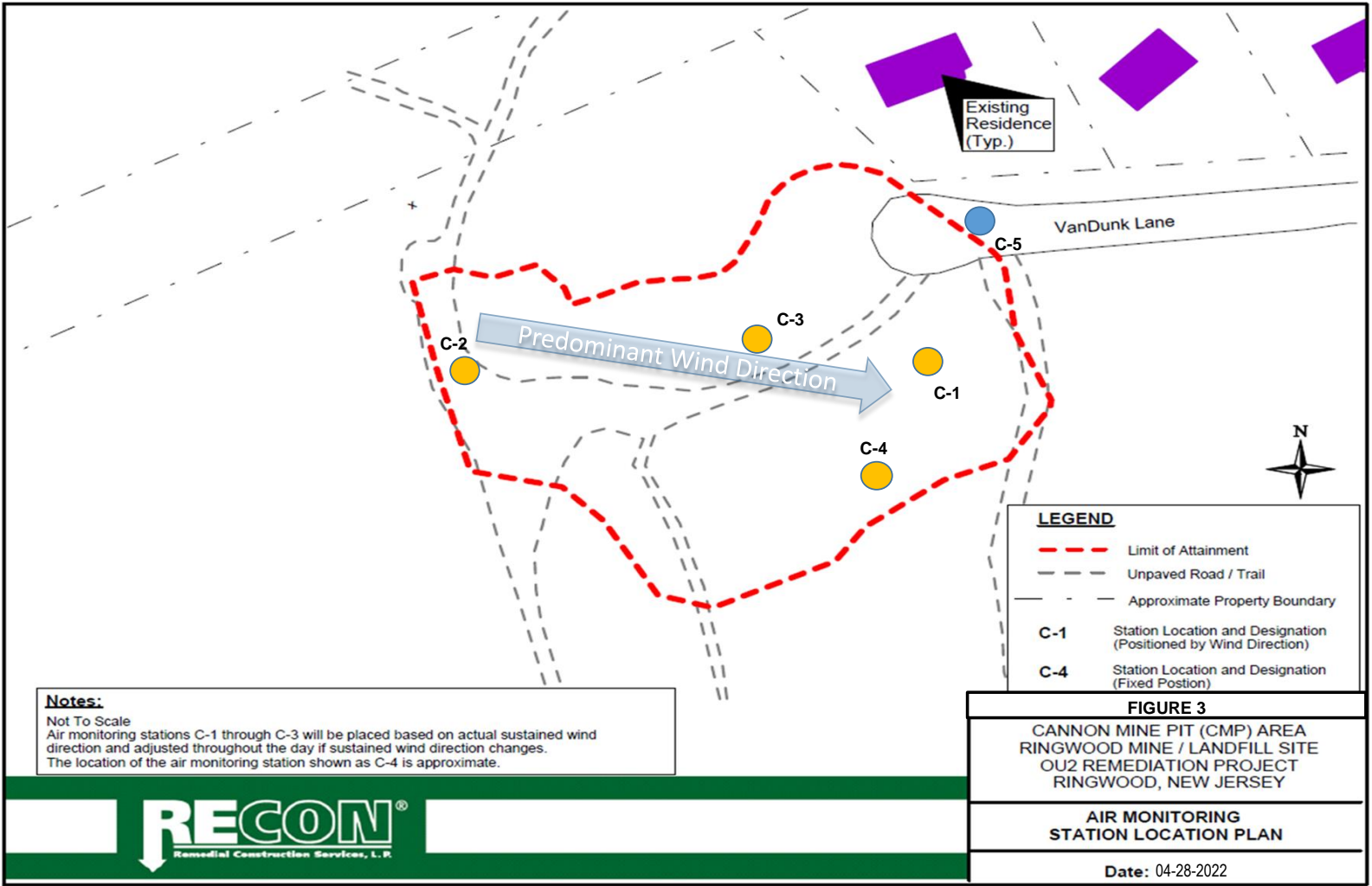
- - - Limit of Attainment
- - - Unpaved Road / Trail
- - - Approximate Property Boundary
- P-1** Station Location and Designation (Positioned by Wind Direction)
- P-4** Station Location and Designation (Fixed Position)

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: 04-28-2022







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**

Date: 04-28-2022

