



DAILY AIR MONITORING REPORT

Ringwood Mines/Landfill Superfund Site

Ringwood, New Jersey

05/18/22

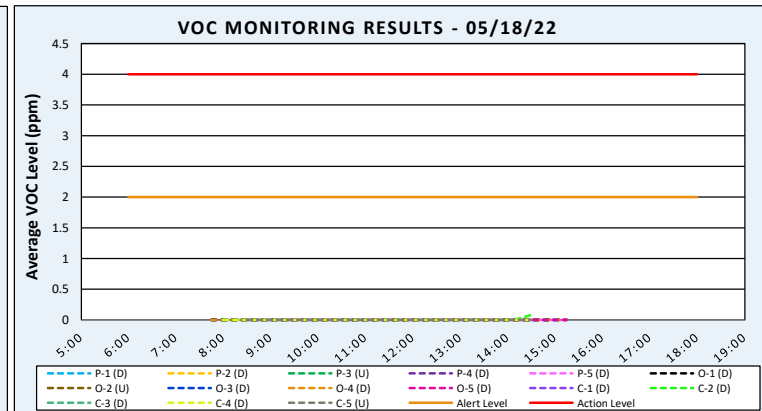
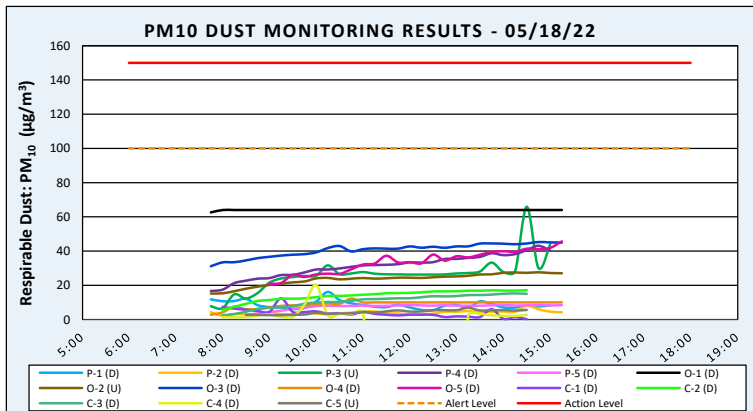
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Submitted By: Emilcott	
Dust Alert Level	100 $\mu\text{g}/\text{m}^3$
Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Alert Level	2 ppm
TVOC Action Level	4 ppm

Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	28.0 - 74.3	Daily Rain (in)	Station Designation Key: Upwind = (U) Downwind = (D)
Temp (°F)	50.3 - 71.0	Wind Speed (MPH)	1.1 - 4.5	Barometer (inHg)	29.90 - 30.00	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)	8.7	16.1	No	10:15	0.0	0.0	No	7:45
P-2 (D)	4.0	8.1	No	14:30	0.0	0.0	No	7:45
P-3 (U)	26.2	65.9	No	14:30	0.0	0.0	No	7:45
P-4 (D)	31.2	43.1	No	14:45	0.0	0.0	No	7:45
P-5 (D)	7.5	8.5	No	14:00	0.0	0.0	No	8:30

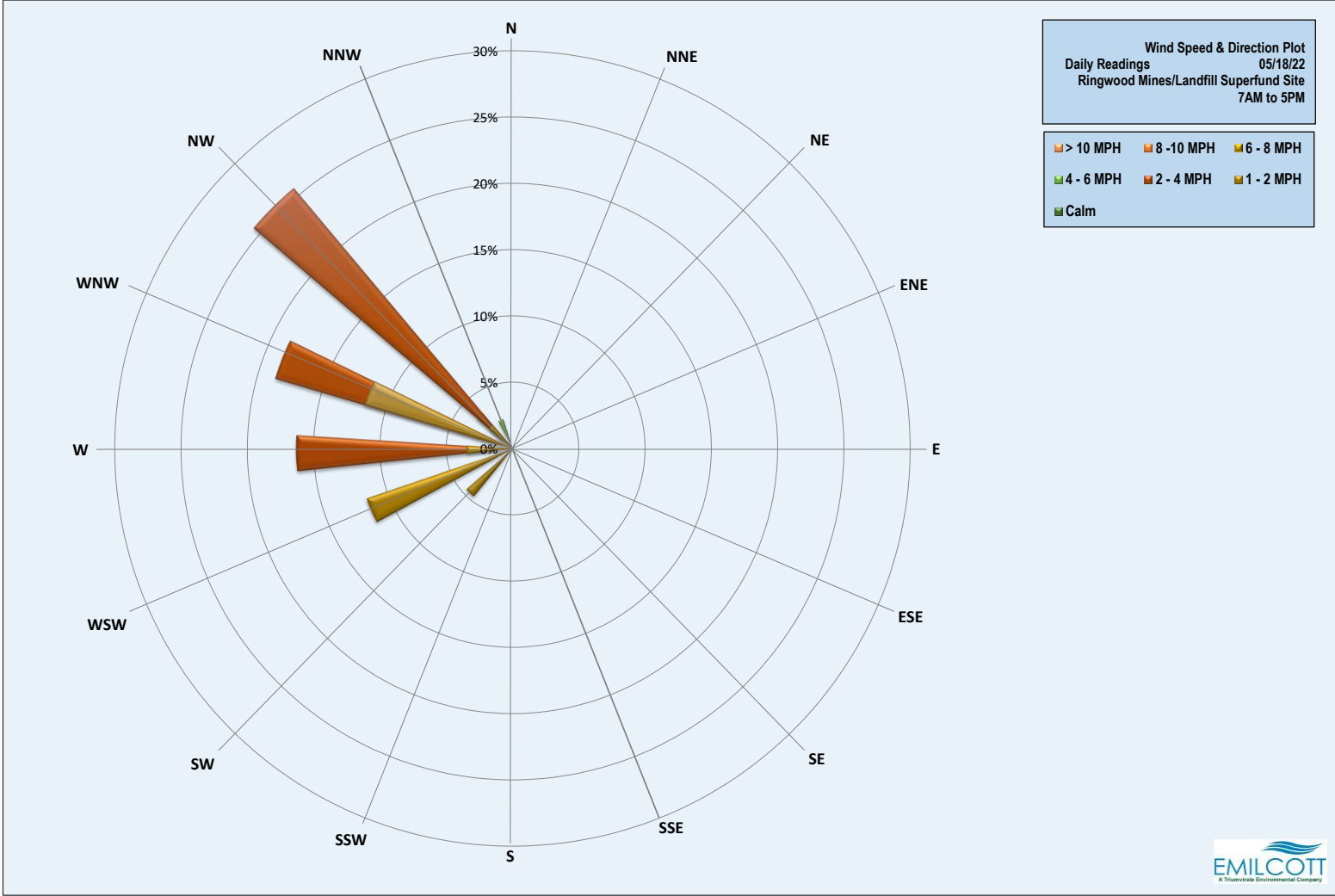
O'Connor Disposal Area Stations	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading
O-1 (D)	64.0	64.0	No	8:00	0.0	0.0	No	7:45
O-2 (U)	23.5	27.6	No	14:45	0.0	0.0	No	7:45
O-3 (D)	40.6	45.3	No	14:45	0.0	0.0	No	7:45
O-4 (D)	9.0	12.2	No	10:45	0.0	0.0	No	7:45
O-5 (D)	33.7	45.7	No	15:15	0.0	0.0	No	9:00

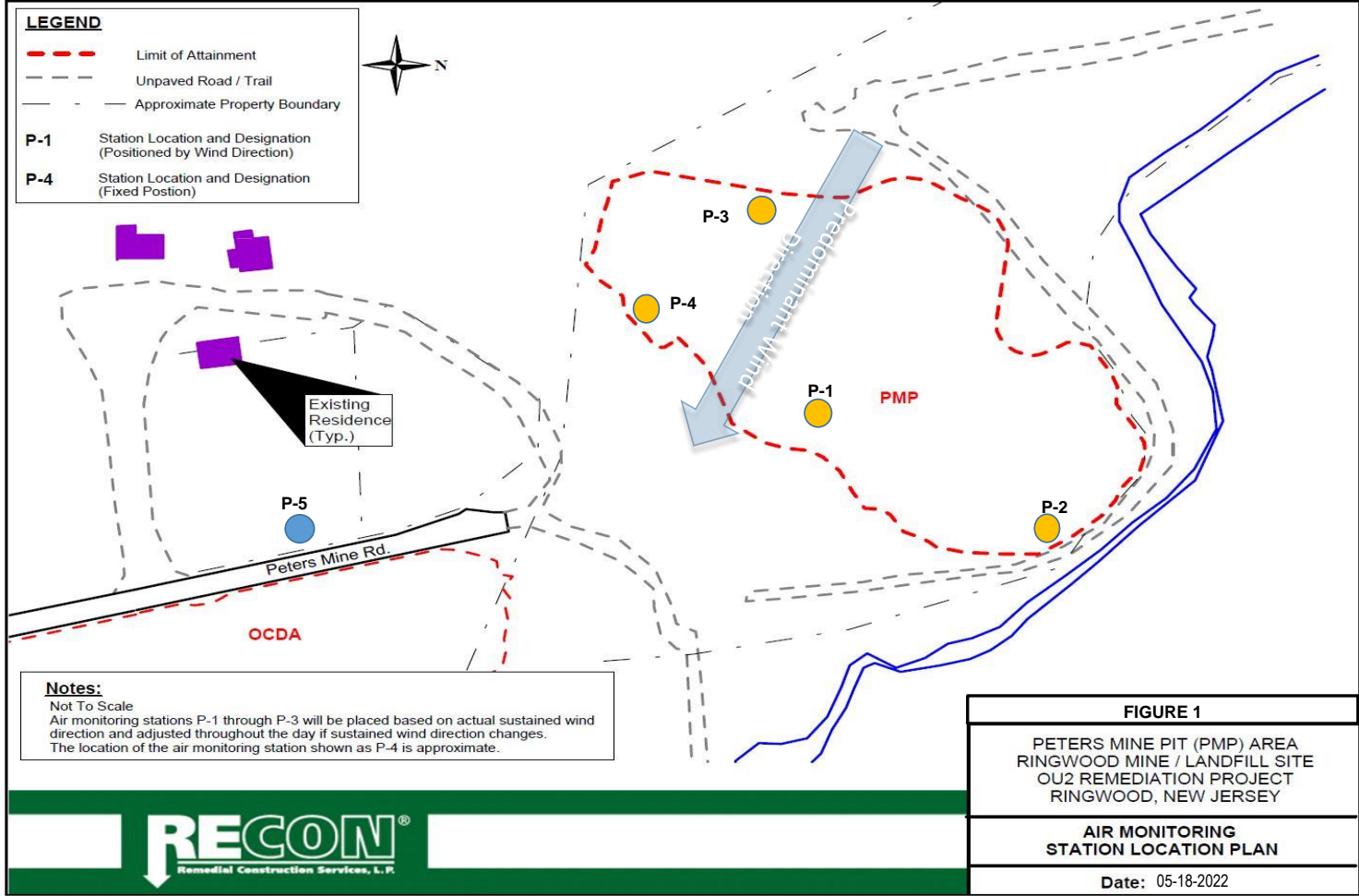
Cannon Mine Pit Area Stations	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Reading in Excess of Action Level	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Reading in Excess of Action Level	Time of Max VOC Reading
C-1 (D)	3.7	12.4	No	9:15	0.0	0.0	No	8:00
C-2 (D)	14.0	15.3	No	14:30	0.0	0.0	No	14:30
C-3 (D)	10.8	20.3	No	14:15	0.0	0.0	No	8:00
C-4 (D)	3.7	6.9	No	10:00	0.0	0.0	No	8:00
C-5 (U)	4.4	0.0	No	13:15	0.0	0.0	No	8:30

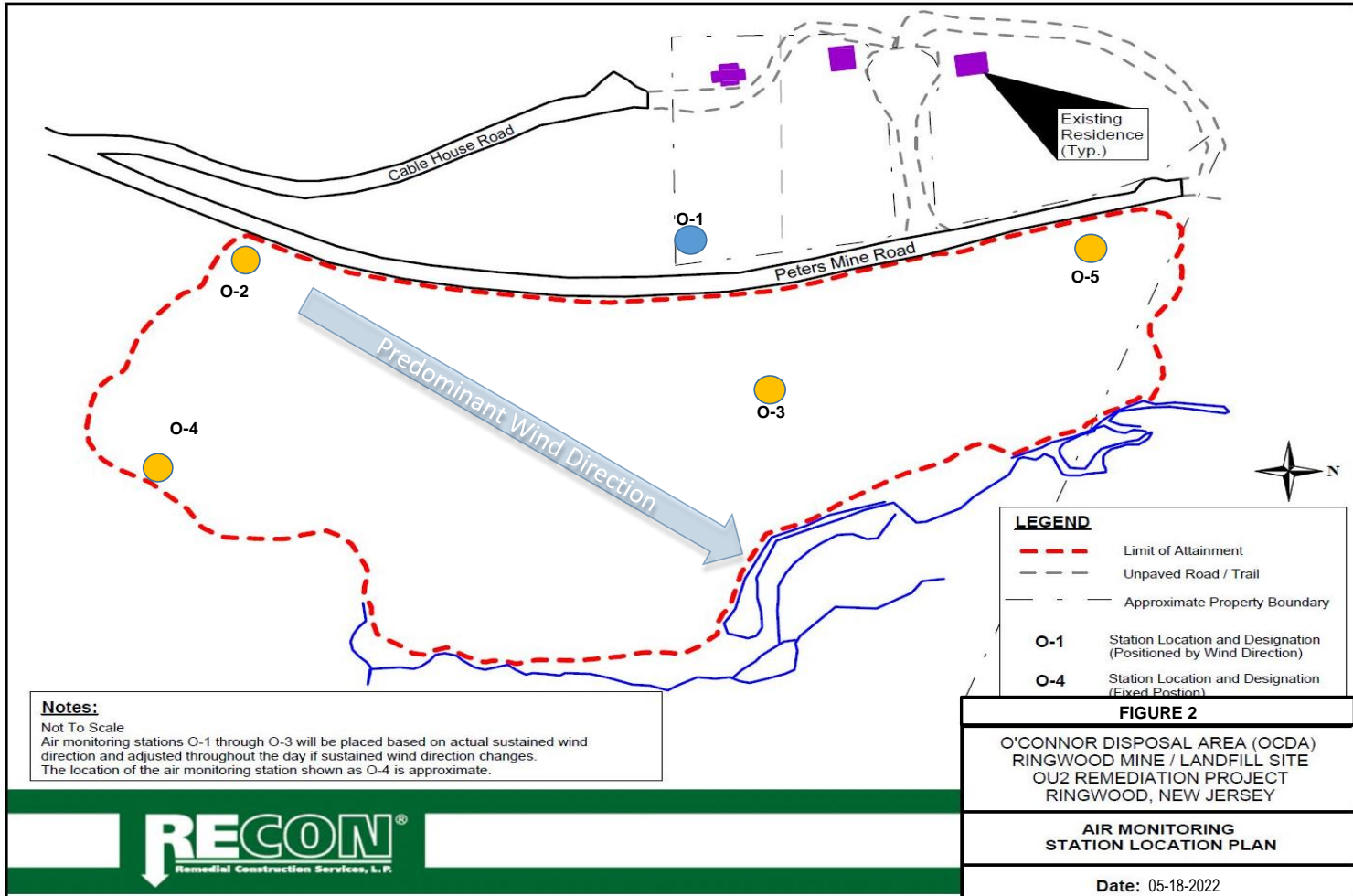


Air Monitoring Notes: No alert level exceedances

Weather Notes: It was sunny







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.

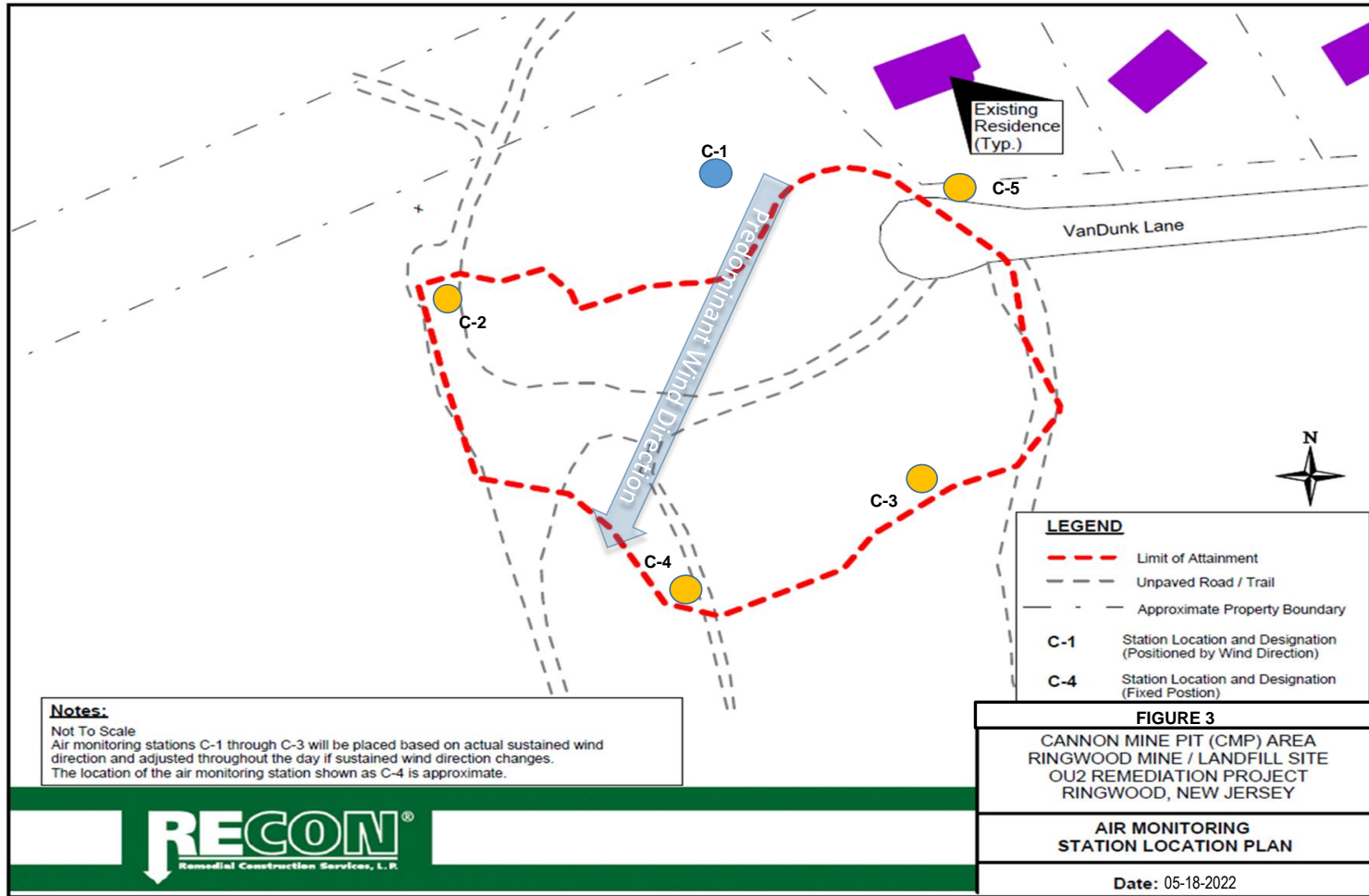
LEGEND	
	Limit of Attainment
	Unpaved Road / Trail
	Approximate Property Boundary
	Station Location and Designation (Positioned by Wind Direction)
	Station Location and Designation (Fixed Position)

FIGURE 2
 O'CONNOR DISPOSAL AREA (OCDA)
 RINGWOOD MINE / LANDFILL SITE
 O₂ REMEDIATION PROJECT
 RINGWOOD, NEW JERSEY

**AIR MONITORING
 STATION LOCATION PLAN**

Date: 05-18-2022





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 Postion)

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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