

Air Monitoring Summary Update Form
 Week of 3/15/2024 to 3/21/2024
 Rodney Reservoir Site (DE-1851)
 1500 W Ninth Street
 Wilmington, Delaware

Perimeter Air Monitoring Results (Action Level = 1.0 mg/m³)

Date	Monitoring Duration	Air Station 1		Air Station 2		Air Station 3		Air Station 4	
		SW Corner of Reservoir		SE Corner of Reservoir		NE Corner of Reservoir		NW Corner of Reservoir	
		Concentration (mg/m ³)		Concentration (mg/m ³)		Concentration (mg/m ³)		Concentration (mg/m ³)	
		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
Friday - 3/15/2024	7:30AM - 3:30PM	0.013	0.036	0.026	1.74	0.014	0.081	0.011	0.047
Monday - 3/18/2024	7:30AM - 3:45PM	0.007	0.011	0.028	3.18	0.008	0.048	0.007	0.036
Tuesday - 3/19/2024	7:30AM - 5:00PM	0.007	0.084	0.015	0.42	0.012	0.51	0.007	0.05
Wednesday - 3/20/2024	7:30AM - 3:30PM	0.011	0.049	0.017	0.21	0.038	3.94	0.009	0.104
Thursday - 3/21/2024	7:30AM - 3:00PM	0.004	0.039	0.286	318	0.005	0.273	0.006	0.245

Summary of weekly exceedances (if any) and response actions:

- 1) A reading of 1.74 mg/m³ was reported at Air Station 2 at 3:08PM on 3/15/24 for 2 seconds in duration, which is less than the Action Level of 1.0 mg/m³ sustained for over 30 seconds. Therefore, no response action was required. The site contractor was demobilizing for the day at the time of the reading .
- 2) A reading of 3.18 mg/m³ was reported at Air Station 2 at 11:14AM on 3/18/24 for 5 seconds in duration. A subsequent reading of 2.68 mg/m³ was reported at Air Station 2 at 12:41PM for 1 second in duration. The duration for both readings were less than the Action Level of 1.0 mg/m³ sustained for over 30 seconds. Although no response action was required, the site contractor was contacted and asked to continue dust suppression measures .
- 3) Three readings were reported at Air Station 3 on 3/20/24 between 11:35AM and 1:51PM above 1.0 mg/m³ including: 3.94 mg/m³ at 11:35AM for 21 seconds, 1.01 mg/m³ for 1 second, and 2.03 mg/m³ for 11 seconds. None of the readings were sustained for longer than 30 seconds, therefore no response action was required. However, the site contractor was contacted and asked to continue dust suppression measures .
- 4) Ten short duration (5 seconds or less) readings were reported at Air Station 3 on 3/20/24 between 2:59PM and 3:09PM. The readings were determined to be caused by water misting by the site contractor and no response action was required.
- 5) At approximately 1:32PM on 3/21/24, fifteen alerts were received over the next 5 minutes. These readings, including the daily maximum reading of 318 mg/m³ were determined not to be from soil generated dust, but from the site contractor saw cutting a chain-link fence adjacent to Air Station 2. Therefore, no response action was required.

Summary of photo-ionization detector (PID) readings for volatile organic compounds (VOCs):

- 1) A handheld PID was utilized by Verdantas personnel while onsite to monitor for VOCs during active soil disturbing activities. No sustained readings above 0 parts per million (ppm) were recorded, which is below the Action Level of 5ppm above ambient conditions, sustained for over 30 seconds. Therefore, no response actions were required.

General Comments and Observations:

- 1) Daily end times for monitoring correspond with the end time of daily onsite work by the site contractor.
- 2)
- 3)
- 4)

Table Legend (only used when applicable):

- 1) Readings highlighted grey exceeded 1.0 mg/m³, however, the duration of the exceedance was less than the Action Level of 1.0 mg/m³ sustained for over 30 seconds.
- 2) Readings highlighted yellow exceeded the Action Level of 1.0 mg/m³ sustained for over 30 seconds.
- 3) "NA" No intrusive work was conducted on this date.
- 4) "--" Perimeter air monitoring station was down for maintenance and/or not reporting data.