

Air Monitoring Summary Update Form
 Week of 4/5/2024 to 4/11/2024
 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 - 4/5/2024	7:30AM - 4:30PM	0.003	0.031	0.006	0.092	0.003	0.141	0.004	0.010
Saturday - 4/6/2024	8:00AM - 5:30PM	0.002	0.015	0.010	0.289	0.002	0.030	0.003	0.040
Sunday - 4/7/2024		NA	NA	NA	NA	NA	NA	NA	NA
Monday - 4/8/2024	7:30AM - 4:30PM	0.009	0.237	0.019	1.180	0.011	0.525	0.013	1.900
Tuesday - 4/9/2024	7:30AM - 4:30PM	0.014	0.052	0.024	0.513	0.015	1.290	0.019	0.337
Wednesday - 4/10/2024	7:30AM - 4:15PM	0.037	0.086	0.051	0.160	0.043	0.700	0.042	0.819
Thursday - 4/11/2024	7:30AM - 4:15PM	0.012	0.069	--	--	0.013	0.103	0.020	0.091

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

- 1) Two short duration (1 second) readings above 1.0 mg/m³ were reported at Air Station 2 on 4/8/24 at 11:07AM. The readings were determined to be caused by grass mowing in the vicinity of the air station, therefore no response action was required.
- 2) Two short duration (10 seconds or less) readings above 1.0 mg/m³ were reported at Air Station 4 on 4/8/24 at 10:51AM. The readings were determined to be caused by grass mowing in the vicinity of the air station, therefore no response action was required.
- 3) A reading of 1.29 mg/m³ was reported at Air Station 3 at 4:09PM on 4/9/24 for 4 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.

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

- 1) A handheld PID was utilized by Verdantas and D'Huy Engineering 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) Upon setup of Air Station # 2 on 4/11/24 the unit appeared to be functioning correctly, however, it began reporting inconsistent data shortly thereafter. The issue appears to be mechanical rather than site condition related. Verdantas and D'Huy personnel are evaluating the equipment related issue.

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.