

Air Monitoring Summary Update Form  
 Week of 4/19/2024 to 4/25/2024  
 Rodney Reservoir Site (DE-1851)  
 1500 W Ninth Street  
 Wilmington, Delaware

**Perimeter Air Monitoring Results (Action Level = 1.0 mg/m<sup>3</sup>)**

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 <sup>3</sup> )		Concentration (mg/m <sup>3</sup> )		Concentration (mg/m <sup>3</sup> )		Concentration (mg/m <sup>3</sup> )	
		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
Friday - 4/19/2024	7:30AM - 4:00PM	0.013	0.183	0.013	0.284	0.013	0.080	0.012	0.097
Saturday - 4/20/2024		NA	NA	NA	NA	NA	NA	NA	NA
Sunday - 4/21/2024		NA	NA	NA	NA	NA	NA	NA	NA
Monday - 4/22/2024	7:30AM - 4:30PM	0.011	0.484	0.024	0.386	0.012	1.960	0.009	0.503
Tuesday - 4/23/2024	7:30AM - 4:15PM	0.009	0.044	0.017	0.247	0.011	0.088	0.020	0.549
Wednesday - 4/24/2024	7:30AM - 4:30PM	0.038	0.189	0.019	0.221	0.012	0.382	0.011	0.241
Thursday - 4/25/2024	7:30AM - 4:15PM	0.017	0.161	0.012	0.162	0.010	0.045	0.010	0.282

**Summary of weekly exceedances (if any) and response actions:**  
 1) A reading of 1.96 mg/m<sup>3</sup> was reported at Air Station 4 at 3:53PM on 4/22/24 for 3 seconds in duration. The reading was determined to be caused by grass mowing in the vicinity of the air station. 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.

**Table Legend (only used when applicable):**  
 1) Readings highlighted grey exceeded 1.0 mg/m<sup>3</sup>, however, the duration of the exceedance was less than the Action Level of 1.0 mg/m<sup>3</sup> sustained for over 30 seconds.  
 2) Readings highlighted yellow exceeded the Action Level of 1.0 mg/m<sup>3</sup> 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.