

Air Monitoring Summary Update Form  
 Week of 5/31/24 to 6/6/24  
 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 - 5/31/2024	7:30AM - 4:00PM	0.009	0.620	0.009	0.130	0.009	0.096	0.007	0.069
Saturday - 6/1/2024		NA	NA	NA	NA	NA	NA	NA	NA
Sunday - 6/2/2024		NA	NA	NA	NA	NA	NA	NA	NA
Monday - 6/3/2024	7:30AM - 4:00PM	0.021	0.358	0.020	0.251	0.017	0.935	0.015	0.444
Tuesday - 6/4/2024	7:15AM - 4:00PM	0.025	0.145	0.022	0.072	0.038	0.728	0.035	0.696
Wednesday - 6/5/2024	7:45AM - 4:00PM	0.026	0.330	0.023	0.067	0.024	0.167	0.026	0.084
Thursday - 6/6/2024	7:30AM - 4:00PM	0.024	0.225	0.024	0.050	0.034	0.161	0.025	0.585

**Summary of weekly exceedances (if any) and response actions:**  
 1) No exceedances were reported during the week of 5/31/24 to 6/6/24.

**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.