

Air Monitoring Summary Update Form  
 Week of 6/21/24 to 6/27/24  
 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 - 6/21/2024	7:45AM - 4:00PM	0.015	0.114	0.014	0.107	0.013	0.208	0.020	0.459
Saturday - 6/22/2024		NA	NA	NA	NA	NA	NA	NA	NA
Sunday - 6/23/2024		NA	NA	NA	NA	NA	NA	NA	NA
Monday - 6/24/2024	7:30AM - 4:30PM	0.006	0.043	0.008	0.089	0.010	1.060	0.007	0.299
Tuesday - 6/25/2024	7:30AM - 3:30PM	0.016	0.061	0.018	0.046	0.021	0.434	0.020	0.305
Wednesday - 6/26/2024	7:45AM - 4:00PM	0.024	0.291	0.026	0.059	0.039	0.899	0.036	0.236
Thursday - 6/27/2024	7:30AM - 4:00PM	0.007	0.050	0.009	0.114	0.011	0.371	0.007	0.056

**Summary of weekly exceedances (if any) and response actions:**  
 1) A reading of 1.06 mg/m<sup>3</sup> was reported at Air Station 3 at 3:43PM on 6/24/24 for 2 seconds in duration, which is less than the Action Level of 1.0 mg/m<sup>3</sup> 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.

**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.