

Air Monitoring Summary Update Form  
 Week of 5/24/24 to 5/30/24  
 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 - 5/24/2024	7:15AM - 4:00PM	0.014	0.208	0.014	0.102	0.011	0.113	0.012	0.288
Saturday - 5/25/2024		NA	NA	NA	NA	NA	NA	NA	NA
Sunday - 5/26/2024		NA	NA	NA	NA	NA	NA	NA	NA
Monday - 5/27/2024		NA	NA	NA	NA	NA	NA	NA	NA
Tuesday - 5/28/2024	7:45AM - 4:00PM	0.006	0.143	0.013	0.152	0.008	0.850	0.006	0.261
Wednesday - 5/29/2024	7:45AM - 4:00PM	0.005	0.065	0.009	0.226	0.014	0.113	0.007	1.950
Thursday - 5/30/2024	8:00AM - 4:00PM	0.007	0.115	0.009	0.191	0.009	0.570	0.007	0.043

**Summary of weekly exceedances (if any) and response actions:**  
 1) A reading of 1.95 mg/m<sup>3</sup> was reported at Air Station 4 at 7:51AM on 5/29/24 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. No soil disturbing activities were occurring at the time.

**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.