

Air Monitoring Summary Update Form  
 Week of 5/3/24 to 5/9/24  
 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 - 5/3/2024    | 7:15AM - 4:00PM     | 0.010                              | 0.201   | 0.009                              | 8.100   | 0.008                              | 0.479   | 0.008                              | 0.627   |
| Saturday - 5/4/2024  |                     | NA                                 | NA      | NA                                 | NA      | NA                                 | NA      | NA                                 | NA      |
| Sunday - 5/5/2024    |                     | NA                                 | NA      | NA                                 | NA      | NA                                 | NA      | NA                                 | NA      |
| Monday - 5/6/2024    | 7:15AM - 4:00PM     | 0.025                              | 0.174   | 0.034                              | 0.885   | 0.033                              | 0.075   | 0.024                              | 0.900   |
| Tuesday - 5/7/2024   | 7:30AM - 4:15PM     | 0.014                              | 0.121   | 0.016                              | 0.112   | 0.015                              | 0.400   | 0.015                              | 0.208   |
| Wednesday - 5/8/2024 | 7:15AM - 4:00PM     | 0.021                              | 0.204   | 0.030                              | 0.073   | 0.021                              | 0.113   | 0.029                              | 0.168   |
| Thursday - 5/9/2024  | 7:30AM - 4:00PM     | 0.010                              | 0.120   | 0.008                              | 0.288   | 0.009                              | 0.037   | 0.008                              | 0.501   |

**Summary of weekly exceedances (if any) and response actions:**  
 1) A reading of 8.1 mg/m<sup>3</sup> was reported at Air Station 2 at 3:11PM on 5/3/24 for 5 seconds in duration, which is less than the Action Level of 1.0 mg/m<sup>3</sup> sustained for over 30 seconds. The reading was determined to be caused by street sweeping 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.