

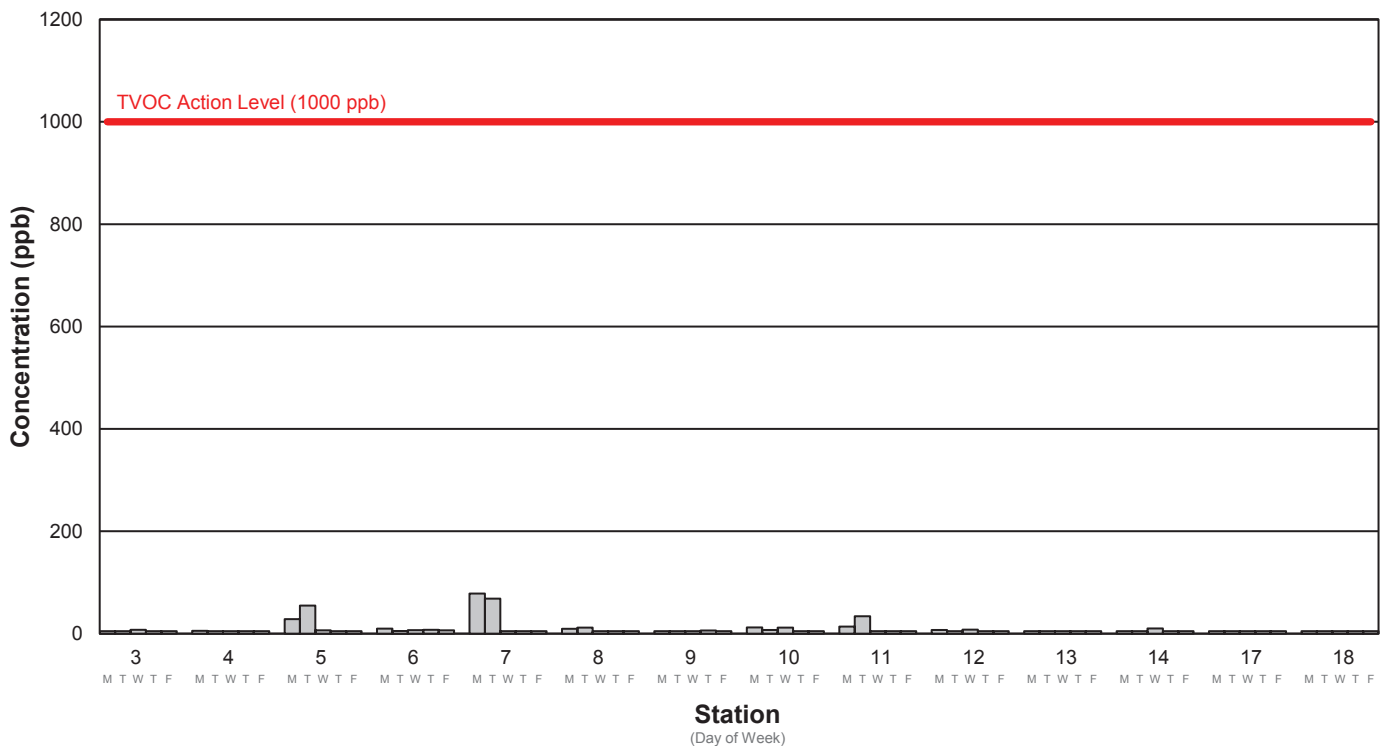
# cleanup of the Gowanus Canal

## Environmental Monitoring Update: Week of May 22, 2023

### Air Monitoring

Below are graphs indicating the results of air monitoring for volatile organics during construction activities for the period May 22, 2023 through May 26, 2023. Average daily concentrations are shown for each of the 14 stations in the network. Station locations are shown in the schematic below. Meteorological data collected in the project staging area are shown in the Table below for the same calendar period as well. The data reflected in the graphs represent readings from 6:00 am – 6:00 pm on working days. There were no concentrations of volatile compounds or dust attributable to construction activities above the threshold during the same calendar period.

**Average TVOC Concentration  
Week 132: 5/22/2023 - 5/26/2023**





| Average TVOC/PM10 Concentration<br>Week 132: 5/22/2023 - 5/26/2023 |         |                |                  |           |         |                |                  |
|--|---------|----------------|------------------|-----------|---------|----------------|------------------|
| Date   | Station | TVOC AVG (ppb) | PM10 AVG (ug/m3) | Date      | Station | TVOC AVG (ppb) | PM10 AVG (ug/m3) |
| 5/22/2023  | 3       | <5             | 5                | 5/22/2023 | 10      | 12             | 14.8             |
| 5/23/2023  | 3       | <5             | 3                | 5/23/2023 | 10      | 7.1            | 9.5              |
| 5/24/2023  | 3       | 7.5            | 3.1              | 5/24/2023 | 10      | 11.8           | 7.1              |
| 5/25/2023  | 3       | <5             | 1                | 5/25/2023 | 10      | <5             | 2.9              |
| 5/26/2023  | 3       | <5             | 1.4              | 5/26/2023 | 10      | <5             | 3.5              |
| 5/22/2023  | 4       | 5.4            | 11.9             | 5/22/2023 | 11      | 13.9           | 5.3              |
| 5/23/2023  | 4       | <5             | 7.2              | 5/23/2023 | 11      | 34             | 3.1              |
| 5/24/2023  | 4       | <5             | 5.7              | 5/24/2023 | 11      | <5             | 2.5              |
| 5/25/2023  | 4       | <5             | 1.9              | 5/25/2023 | 11      | <5             | 1                |
| 5/26/2023  | 4       | <5             | 2.6              | 5/26/2023 | 11      | <5             | 1.1              |
| 5/22/2023  | 5       | 28.5           | 5.7              | 5/22/2023 | 12      | 7.1            | 4.7              |
| 5/23/2023  | 5       | 55             | 3                | 5/23/2023 | 12      | <5             | 2.8              |
| 5/24/2023  | 5       | 6.5            | 2.5              | 5/24/2023 | 12      | 7.8            | 2.1              |
| 5/25/2023  | 5       | <5             | 1                | 5/25/2023 | 12      | <5             | 1.1              |
| 5/26/2023  | 5       | <5             | 1                | 5/26/2023 | 12      | <5             | 1.1              |
| 5/22/2023  | 6       | 9.9            | 15.2             | 5/22/2023 | 13      | <5             | 15.8             |
| 5/23/2023  | 6       | 5.2            | 9.4              | 5/23/2023 | 13      | <5             | 9.5              |
| 5/24/2023  | 6       | 6.8            | 7.2              | 5/24/2023 | 13      | <5             | 7.6              |
| 5/25/2023  | 6       | 7.5            | 2.7              | 5/25/2023 | 13      | <5             | 2.7              |
| 5/26/2023  | 6       | 6.4            | 3.5              | 5/26/2023 | 13      | <5             | 3.5              |
| 5/22/2023  | 7       | 78.2           | 5.2              | 5/22/2023 | 14      | <5             | 14.6             |
| 5/23/2023  | 7       | 68.5           | 4                | 5/23/2023 | 14      | <5             | 9.1              |
| 5/24/2023  | 7       | <5             | 2.6              | 5/24/2023 | 14      | 10.2           | 8                |
| 5/25/2023  | 7       | <5             | 1.6              | 5/25/2023 | 14      | <5             | 2.8              |
| 5/26/2023  | 7       | <5             | 1.3              | 5/26/2023 | 14      | <5             | 4.1              |
| 5/22/2023  | 8       | 9.5            | 6.6              | 5/22/2023 | 17      | <5             | 20.3             |
| 5/23/2023  | 8       | 11.9           | 2.8              | 5/23/2023 | 17      | <5             | 11.8             |
| 5/24/2023  | 8       | <5             | 2                | 5/24/2023 | 17      | <5             | 8.4              |
| 5/25/2023  | 8       | <5             | <1               | 5/25/2023 | 17      | <5             | 4.1              |
| 5/26/2023  | 8       | <5             | 1.4              | 5/26/2023 | 17      | <5             | 4.8              |
| 5/22/2023  | 9       | <5             | 4.8              | 5/22/2023 | 18      | <5             | 17.5             |
| 5/23/2023  | 9       | <5             | 2.9              | 5/23/2023 | 18      | <5             | 11.9             |
| 5/24/2023  | 9       | <5             | 2.4              | 5/24/2023 | 18      | <5             | 8.6              |
| 5/25/2023  | 9       | 6.3            | <1               | 5/25/2023 | 18      | <5             | 3.5              |
| 5/26/2023  | 9       | <5             | 1.2              | 5/26/2023 | 18      | <5             | 4.1              |

| <b>Summary of Daily Average Meteorological Data Parameters (Week 132)</b> |                               |                             |                             |                         |   |
|---|-------------------------------|-----------------------------|-----------------------------|-------------------------|---|
| <b>Date</b>   | <b>Wind Direction<br/>(°)</b> | <b>Wind Speed<br/>(mph)</b> | <b>Temperature<br/>(°F)</b> | <b>Humidity<br/>(%)</b> | <b>Barometric<br/>Pressure<br/>(inHg)</b> |
| 05/22/2023  | SE                            | 5.38                        | 63.63                       | 66.66                   | 1018.92                                   |
| 05/23/2023  | ESE                           | 5.41                        | 59.05                       | 66.72                   | 1023.22                                   |
| 05/24/2023  | SE                            | 5.45                        | 61.74                       | 53.25                   | 1014.75                                   |
| 05/25/2023  | SE                            | 9.01                        | 59.47                       | 46.73                   | 1016.98                                   |
| 05/26/2023  | SSW                           | 4.62                        | 63.92                       | 39.42                   | 1021.33                                   |

*Noise Monitoring*

Noise monitoring data was collected at the Staging Site and adjacent to work activities within the canal. All noise monitoring data collected at these locations was below the 85 dBA allowable equivalent noise level.