Table 2-2
Summary of Sub-Slab Soil Vapor and Indoor Air Sampling Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- $\mu g/m^3$ = micrograms per cubic meter.
- The samples were analyzed by Severn Trent Laboratories Burlington, Vermont (STL-VT) following "*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition 1997, EPA/625/R-96/010B"*, Compendium Method TO-15, "*Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*".

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.

Table 2-3
Summary of Soil Boring Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result.
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-4
Summary of Soil Boring Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Semivolatile Organic Compound (SVOC) analysis by USEPA SW-846 Method 8270C, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-5
Summary of Soil Boring Analytical Results
Pesticides and Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/kg = micrograms per kilogram (parts per billion; ppb).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Pesticide Compound (Pest) analysis by USEPA Method 8081A and TCL Polychlorinated Biphenyl (PCB) analysis by USEPA Method 8082 in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-6
Summary of Soil Boring Analytical Results
Inorganics
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- mg/kg = milligrams per kilogram (parts per million; ppm).
- NYSDEC Part 375 Restricted SCO Commercial = Final Restricted Use Soil Cleanup Objectives (SCOs) as Presented in 6 NYCRR Part 375-6.8(b) Table 11-2, Protection of Public Health - Commercial.
- Bracketed values indicate exceedances of the NYSDEC Part 375 Restricted SCO Commercial.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Analyte List (TAL) Metals analysis with mercury analyzed by USEPA Method 7471A and all other metals analyzed by USEPA Method 6010B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The analyte was positively identified at the associated numerical value which is the concentration of the analyte in the sample.
U	Non-Detect. The analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the validation process due to a QC exceedance. The value is usable as an estimated result.
UJ	The analyte was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-7
Summary of Groundwater Analytical Results
Volatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- μg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = ambient water quality standards and guidance values for Class GA groundwater as identified in New York State Department of Environmental Conservation Technical and Operational Guidance Series No. 1.1.1.
- Bracketed values indicate exceedances of the standards and guidance values identified in TOGs 1.1.1.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-8
Summary of Groundwater Analytical Results
Semivolatile Organic Compounds
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = ambient water quality standards and guidance values for Class GA groundwater as identified in New York State Department of Environmental Conservation Technical and Operational Guidance Series No. 1.1.1.
- Bracketed values indicate exceedances of the standards and guidance values identified in TOGs 1.1.1.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.

Table 2-9
Summary of Groundwater Analytical Results
Polychlorinated Biphenyls
Former Empire Electric Facility, Brooklyn, New York
Site Number 2-24-015

Notes:

- µg/l = micrograms per liter (parts per billion; ppb).
- NYSDEC TOGS = ambient water quality standards and guidance values for Class GA groundwater as identified in New York State Department of Environmental Conservation Technical and Operational Guidance Series No. 1.1.1.
- Bracketed values indicate exceedances of the standards and guidance values identified in TOGs 1.1.1.
- The samples were analyzed by Severn Trent Laboratories (STL) – Shelton, Connecticut, for Target Compound List (TCL) Polychlorinated Biphenyl (PCB) analysis by USEPA Method 8082 in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*
- Sample was filtered and re-analyzed. Second set of data is the filtered results. Due to a software limitation, the data can not be reported together.

Qualifiers

U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. The value is usable as a non-detect at the reporting limit.
J	Estimated value. The value was designated as estimated either by the laboratory per the method to indicate the compound is present, but the concentration is less than the reporting limit or by the validation process due to a QC exceedance. The value is usable as an estimated result
UJ	The compound was analyzed for, but not detected. The associated numerical value is the reporting limit. However, due to a QC exceedance the value is an estimated quantity. The value is usable as a non-detect at the estimated reporting limit.