APPENDIX D

DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

FORMER WEST 45th STREET

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APRIL 2008

TABLE OF CONTENTS

Page

SECTION 1 DATA USABILITY SUMMARY 1-1

1.1 LABORATORY DATA PACKAGES 1-1

1.2 SAMPLING AND CHAIN-OF-CUSTODY 1-1

1.3 LABORATORY ANALYTICAL METHODS 1-1
1.3.1 Volatile Organic Analysis 1-2
1.3.2 Semivolatile Organic Analysis 1-2
1.3.3 PCB Organic Analysis 1-2
1.3.4 Inorganics Analysis 1-2
1.3.5 Corrosivity, Reactivity, Ignitability and TPH Analysis 1-3

SECTION 2 DATA VALIDATION REPORTS 2-1

2.1 SOIL 2-1
2.1.1 Volatiles 2-1
2.1.2 Semivolatiles 2-3
2.1.3 Inorganics 2-6

2.2 GROUNDWATER AND LIQUID WASTE 2-9
2.2.1 Volatiles 2-9
2.2.2 Semivolatiles 2-11
2.2.3 PCBs 2-12
2.2.4 Inorganics 2-13

LIST OF TABLES

Table 2.1-1 Summary of Sample Analyses and Usability-Soil 2-15

Table 2.2-1 Summary of Sample Analyses and Usability – Water 2-17

LIST OF ATTACHMENTS

ATTACHMENT A VALIDATED LABORATORY DATA

ATTACHMENT A-1 VALIDATED LABORATORY DATA FOR SOIL

ATTACHMENT A-2 VALIDATED LABORATORY DATA FOR GROUNDWATER AND LIQUID WASTE

SECTION 1

DATA USABILITY SUMMARY

Soil, groundwater, and liquid waste samples were collected from the Consolidated Edison Former West 45th Street site in Manhattan, New York from February 19, 2007 through May 22, 2007 and February 23, 2008 through March 1, 2008. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratories for this project were EMSL Analytical Services (EMSL), Chemtech, and Test America Laboratories – Pittsburgh (TAL). These laboratories are certified to perform project analyses by the New York Department of Health (NYDOH) Environmental Laboratory Approval Program (ELAP).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 15-105 days for the project samples.

The data packages received from EMSL, Chemtech, and TAL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at EMSL, Chemtech, and TAL within one to three days of sampling. All samples were received intact and in good condition at the laboratories.

1.3 LABORATORY ANALYTICAL METHODS

The soil samples that were collected from the site were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, and cyanide. The groundwater samples that were collected from the site were analyzed for VOCs, SVOCs, total metals, dissolved metals, and cyanide. The liquid waste samples that were collected from the site were analyzed for VOCs, SVOCs, polychlorinated biphenyls (PCBs), metals, cyanide, total petroleum hydrocarbon (TPH), and the waste characteristics corrosivity, reactivity, and ignitability. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.5. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method by media in

Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

Soil, groundwater, and liquid waste samples were analyzed for VOCs using the USEPA SW-846 8260B analytical method. Certain reported results for the VOC samples were qualified as estimated due to noncompliant sample holding times, surrogate recoveries, matrix spike/matrix spike duplicate (MS/MSD) recoveries, laboratory control sample recoveries, and instrument calibrations. Certain reported VOC results were considered unusable and qualified "R" due to poor instrument calibrations. Therefore, the reported VOC analytical results were 98.2% to 98.4% complete (i.e., usable) for the soil, groundwater, and liquid waste data. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

Soil, groundwater, and liquid waste samples were analyzed for SVOCs using the USEPA SW-846 8270C analytical method. Certain reported results for the SVOC samples were qualified as estimated due to noncompliant MS/MSD recoveries, laboratory control sample recoveries, instrument calibrations, and internal standard responses. Certain reported SVOC analytical results were considered unusable and qualified "R" due to poor laboratory control sample recoveries. Therefore, the reported SVOC analytical results were 99.6% to 100% complete (i.e., usable) for the soil, groundwater, and liquid waste data. PARCC requirements were met overall.

1.3.3 PCB Organic Analysis

Liquid waste samples collected from the site were analyzed for PCBs using the USEPA SW-846 8082 analytical method. The reported results for the PCB samples did not require qualification resulting from data validation. Therefore, the reported PCB analytical results were considered 100% complete with all data considered usable and valid as reported. PARCC requirements were met.

1.3.4 Inorganics Analysis

Soil, groundwater, and liquid waste samples were analyzed for metals and cyanide using the USEPA SW-846 6010B/7470A/7471A/9012 analytical methods. Groundwater samples were also analyzed for available cyanide using the MCAWW 1677 analytical method. Certain reported results for the inorganics samples were qualified as estimated due to noncompliant instrument calibrations, matrix spike recoveries, interference check sample recoveries, serial dilutions, laboratory duplicate precision, field duplicate precision, and shipping container temperature upon laboratory receipt. Certain reported inorganic analytical results were

considered unusable and qualified "R" due to poor matrix spike recoveries. Therefore, the reported inorganic analytical results were considered 99.8% to 100% complete (i.e., usable) for the soil, groundwater, and liquid waste data. PARCC requirements were met overall.

1.3.5 Corrosivity, Reactivity, Ignitability and TPH Analysis

The liquid waste samples collected from the site were analyzed for corrosivity, reactivity, ignitability, and TPH using the USEPA 9045, 7.3.3.2/7.3.4.2, 1010 and 1664 analytical methods, respectively. All calibrations, laboratory blanks, holding times, matrix spikes, duplicates, and control samples were reviewed for compliance. The waste characteristic and TPH sample data did not require qualification resulting from data validation. Therefore, all of the analytical data for the waste characteristic and TPH samples were considered usable and 100% complete for the data presented by Chemtech. PARCC requirements were met.

SECTION 2

DATA VALIDATION REPORTS

2.1 SOIL

Data review has been completed for data packages generated by EMSL and Chemtech containing soil samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, and initial and continuing calibrations.

<u>Holding Times</u>

The sample 022807FB exceeded the 12-day VTSR analytical holding time requirement by two days. Therefore, results for this sample were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

Surrogate Recoveries

All sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the low dibromofluoromethane recovery (QC limit 75-125%R) in samples SB-50(5-7) (32%R), SB-54(7-9) (42%R), and MW-16(17-19) (47%R). Therefore, volatile results for these samples were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ".

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were compliant and within QC limits for all spiked compounds in designated project samples with the exception of the low MS/MSD recoveries for chloroethane, 1,1,2-trichlorotrifluoroethane, cyclohexane, methylcyclohexane, carbon tetrachloride, bromodichloromethane, trans-1,3-dichloropropene, cis-1,3-dichloropropene, tetrachloroethene, and 1,2,4-trichlorobenzene during the spiked analyses of MW-19(9-11). Therefore, results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the unspiked sample MW-19(9-11).

LCS Recoveries

All LCS recoveries associated with project samples were compliant and within QC acceptance limits with the exception of the low LCS recoveries for methylene chloride (65%R; QC limit 70-130%R) and tetrachloroethene (65%R; QC limit 70-130%R) associated with sample 042607FB; the low LCS recovery for chloroethane (65%R; QC limit 70-130%R) associated with samples 042707FB, 043007FB, and 050107FB; the low LCS recovery for chloromethane (65%R; QC limit 70-130%R) associated with samples in sample delivery group (SDG) #Z1659; and the low LCS recovery for dibromochloromethane (75%R; QC limit 76-119%R) associated with samples in SDG #Z1796. Therefore, sample results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Blank Contamination

The laboratory method blank METHOD BLANK associated with the samples SB-51(12-14), SB-50(9-11), MW-14(7-9), and SB-49(17-19) contained methylene chloride at a concentration of 4.3 µg/kg; the field equipment blank 022607FB associated with samples collected on 2/26/07 contained benzene at a concentration of 1.6 µg/L; and the field equipment blank 050107FB associated with samples collected on 5/1/07 contained acetone at a concentration of 8.4 µg/L. Therefore, associated sample results with concentrations less than the validation action concentration for these compounds were considered not detected and qualified "U" for the affected samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 30% with the exception of acrolein (RRF=0.0371), tert-butyl alcohol (RRF=0.021), acetone (77.3%RSD), and methylene chloride (150%RSD) in the initial calibration associated with samples 022607FB,

022707FB, 022807FB, 030107FB, 030207FB, and samples in SDG #010700779; acetone (55.7%RSD), methylene chloride (35.5%RSD), and tert-butyl alcohol (32.8%RSD) in the initial calibration associated with soil samples in SDG #010700897, #010700914, #010700957, #010700970, and #010701015; acetone (RRF=0.028; 45.77%RSD) in the initial calibration associated with samples 042607FB, 042707FB, 043007FB, and 050107FB; acetone (RRF=0.032) in the initial calibration associated with samples 050707FB and 050807FB; bromomethane (33.23%RSD), chloroethane (62.41%RSD), and trichlorofluoromethane (54.29%RSD) in the initial calibration associated with sample MW-19 (9-11); and chloroethane (31.5%RSD) in the initial calibration associated with samples in SDG #Z1659. Therefore, the sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. However, nondetected results for those compounds where the %RSD exceeded 90% or the RRF was noncompliant were considered unusable and qualified “R”.

There were many continuing calibration compounds that were noncompliant with a minimum RRF falling below 0.05 and/or a maximum percent difference (%D) outside ±25%. Therefore, the sample results for these noncompliant compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. However, nondetected results for those compounds where the RRF was noncompliant were considered unusable and qualified “R”.

Usability

All soil volatile sample results were considered usable following data validation with the exception of certain nondetected results due to poor calibration linearity.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile soil data presented by EMSL and Chemtech were 98.4% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times

- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, initial and continuing calibrations, and internal standard responses.

Surrogate Recoveries

All sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the high nitrobenzene-d5 recovery (QC limit 23-120%) in sample MW-20(21-23) (159%R). Validation qualification of this sample was not warranted since only one base-neutral surrogate was noncompliant.

MS/MSD Precision and Accuracy

All of the MS/MSD precision results (RPDs) and accuracy results (%Rs) for designated spiked project samples were within QC limits with the exception of the low MS/MSD recoveries for indeno(1,2,3-cd)pyrene (23%R/21%R; QC limit 42-124%R) during the spiked analyses of MW-19(9-11); and the low MS/MSD recoveries for benzaldehyde (15%R/15%R; QC limit 20-150%R) during the spiked analyses of SB-52(12-14). Sample results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the unspiked sample MW-19(9-11) and SB-52(12-14).

LCS Recoveries

All LCS recoveries associated with project samples were compliant and within QC acceptance limits with the exception of the low LCS recovery for 4-nitrophenol (61%R; QC limit 65-132%R) associated with sample MW-11(3.5-4.0); the low LCS recovery for benzidine (51%R; QC limit 70-130%R) associated with soil samples in SDG #010701015; the low LCS recovery for 3-nitroaniline (23%R; QC limit 27-88%R) associated with soil samples in SDG #Y2518; and the low LCS recoveries for phenol (66%R; QC limit 18-37%R), bis(2-chloroethoxy)methane (64%R; QC limit 65-100%R), 4-chloroaniline (13%R; QC limit 20-84%R), 3-nitroaniline (24%R; QC limit 25-96%R), and 3,3'-dichlorobenzidine (32%R; QC limit 33-121%R) associated with sample 042707FB. Therefore, sample results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Blank Contamination

The laboratory method blank MB1 1339-1 associated with sample MW-11(3.5-4.0) contained di-n-butylphthalate at a concentration of 34 µg/kg; and the laboratory method blank MB1 1340-1 associated with soil samples SB-49(17-19), MW-14(7-9), samples in SDGs #010700897, #010700914, and #010700970 contained bis(2-ethylhexyl)phthalate at a concentration of 26 µg/kg. Therefore, the associated di-n-butylphthalate and bis(2-

ethylhexyl)phthalate sample results less than the validation action concentration were considered not detected and qualified "U" for the affected samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %RSD of 30% with the exception of 2,4-dinitrophenol (51.3%RSD) and 4,6-dinitro-2-methylphenol (33.4%RSD) in the initial calibration associated with samples MW-11(3.5-4.0), 030207EB, and samples in SDGs #010700897, 010700914, 010700957, 010700970; 2,4-dinitrophenol (32.8%RSD) in the initial calibration associated with sample 022607FB and soil samples in SDG #010701015; and 2,4-dinitrophenol (42.17%RSD) in the initial calibration associated with samples in SDG #Z1796. The sample results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D within ±25% with the exception of bis(2-chloroisopropyl)ether (37.4%D) in the continuing calibration associated with sample MW-11(3.5-4.0); bis(2-chloroisopropyl)ether (72.3%D) in the continuing calibration associated with sample 030207EB; 2,4-dinitrophenol (33.9%D) and bis(2-chloroisopropyl)ether (43.2%D) in the continuing calibration associated with soil samples in SDG #010701015; 2,4-dinitrophenol (-47.8%D) in the continuing calibration associated with sample 042707FB; 2,4-dinitrophenol (-34.6%D) in the continuing calibration associated with sample SB-57(7-9); benzo(g,h,I)perylene (-26.3%D) in the continuing calibration associated with soil samples in SDG #Y2633; and 4-nitrophenol (34.9%D) in the continuing calibration associated with samples in SDG #Z1796. The sample results for these noncompliant compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area counts within -50% to +100% and retention times within ±0.5 minutes of the standard) with the exception of the high response for the IS chrysene-d12 in sample MW-11(8-10); the low IS responses for chrysene-d12 and perylene-d12 in sample SB-57(7-9); and the low IS responses for naphthalene-d8 and perylene-d12 in sample MW-20(21-23). Therefore, the results associated with these noncompliant internal standards were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All soil semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The soil semivolatile data presented by EMSL and Chemtech were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 Inorganics

The following items were reviewed for compliancy in the inorganics analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, laboratory preparation blank, and field equipment blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike (MS) recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample (LCS) recoveries
- ICP serial dilutions
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of calibrations, blank contamination, ICS recoveries, MS recoveries, laboratory duplicate precision, field duplicate precision, LCS recoveries, and ICP serial dilutions.

Calibrations

All initial and continuing calibration verifications were analyzed at the appropriate frequency with recoveries within QC acceptance limits with the exception of the low continuing calibration verification recoveries for chromium, vanadium, selenium, iron, and magnesium associated with sample MW-11(3.5-4.0); the low initial calibration verification recoveries for sodium and potassium associated with soil samples in SDG #010700897; the low continuing calibration verification recoveries for cobalt and potassium associated with soil samples in SDG #010700897; the low continuing calibration verification recoveries for potassium and vanadium associated with sample 022607FB; the low continuing calibration verification recoveries for sodium and potassium associated with soil samples in SDG #s 010700914, 010700957, 010701015, and sample 030107FB; the low continuing calibration verification recoveries for potassium and magnesium associated with sample 022807FB; the low initial calibration verification recoveries for potassium and magnesium associated with sample MW-17(5-7); the low initial calibration verification recoveries for sodium and magnesium associated with sample 030107FB; the low initial calibration verification recoveries for potassium associated with sample 030207EB; and the low continuing calibration verification recoveries for arsenic, barium, calcium, copper, potassium, magnesium, and sodium associated with sample 030207EB. Therefore, results for these analytes were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

It was noted that many calibration standards were recovered outside QC limits for certain certain analytes. Therefore, results for those analytes where standard recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive results for those analytes where standard recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J" for the affected samples.

Blank Contamination

The field equipment blank 022607FB associated with soil samples collected on 2/26/07 contained cyanide at a concentration of 30 µg/L; the field equipment blank 022707FB associated with soil samples collected on 2/27/07 contained cyanide and sodium at concentrations of 30 and 7700 µg/L, respectively; the laboratory preparation blank associated with soil samples in SDG # 010700914 contained sodium at a concentration of 145 mg/kg; the field equipment blank 050107FB associated with soil samples collected on 5/1/07 contained zinc at a concentration of 41.2 µg/L; the field equipment blank 050707FB associated with soil samples collected on 5/7/07 contained iron and zinc at a concentration of 169 and 37.9 µg/L, respectively; and the field equipment blank 050807FB associated with soil samples collected on 5/8/07 contained iron and zinc at a concentration of 59.4 and 39.3 µg/L, respectively. Therefore, sample results for these analytes less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

ICS Recoveries

All ICS recoveries were compliant and within QC limits with the exception of the low ICS recovery for lead associated with soil samples in SDG # 010700779; the low ICS recoveries for chromium, beryllium, cobalt, and calcium associated with soil samples in SDG # 010700897; the low ICS recoveries for cobalt and chromium associated with soil samples in SDG # 010700914 and 010700957; the low ICS recovery for magnesium associated with sample 022807FB; and the low ICS recovery for calcium associated with all samples in SDG # 010701015. Therefore, sample results for these analytes were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Matrix Spike Recoveries

There were many noncompliant MS recoveries associated with project samples. Therefore, results for those analytes where MS recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. However, nondetected results for those analytes where the MS recovery fell below 30% were considered unusable and qualified "R". Positive results for those analytes where MS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J" for the affected samples.

Laboratory Duplicate Precision

All laboratory duplicate precision results were compliant and within QC acceptance limits with the exception of aluminum, arsenic, barium, calcium, chromium, potassium, manganese, and nickel associated with soil samples in SDG # 010700897; copper and lead associated with soil samples in SDG # 010700914; and aluminum associated with soil samples in SDG

#010701015. Therefore, results for these analytes were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Field Duplicate Precision

The field duplicate precision results were considered acceptable with the exception of results for antimony, barium, cadmium, chromium, cobalt, magnesium, potassium, sodium, and vanadium for the field duplicate samples MW-18(5-7) and MW-18(500-700). Therefore, results for these analytes were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for these samples.

LCS Recoveries

All LCS recoveries were compliant and within QC limits with the exception of the low LCS recovery for selenium associated with soil samples in SDG #010700897; the low LCS recovery for potassium associated with sample 022807FB; the low LCS recovery for magnesium associated with sample 030107FB; the high LCS recovery for iron associated with sample MW-17(5-7); and the low LCS recoveries for potassium and sodium associated with sample 030207EB. Therefore, results for those analytes where LCS recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive results for those analytes where LCS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J" for the affected samples.

ICP Serial Dilution

QC serial dilution results were compliant for all analytes with the exception of the serial dilution results aluminum associated with sample MW-11(3.5-4.0); iron, zinc, and aluminum associated with soil samples in SDG #010700914; iron associated with sample MW-17(5-7); aluminum and iron associated with soil samples in SDG #010701015; barium, beryllium, calcium, chromium, cobalt, iron, lead, manganese, potassium, silver, and zinc associated with soil samples in SDG #Y2518; copper associated with soil samples in SDG #Y2531; barium and chromium associated with sample Y2633; copper, lead, manganese, vanadium, and zinc associated with samples in SDG #Z1659; and arsenic, calcium, chromium, cobalt, iron, lead, magnesium, manganese, nickel, and zinc associated with samples in SDG #Z1796. Therefore, positive results greater then ten times the instrument detection limit for these analytes were considered estimated and qualified "J" for the affected samples.

Usability

All inorganics soil sample results were considered usable following data validation with the exception of certain nondetected results due to poor matrix spike recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The inorganics soil data presented by EMSL and Chemtech were 99.8% complete (i.e., usable). The validated soil inorganics laboratory data are tabulated and presented in Attachment A-1.

2.2 GROUNDWATER AND LIQUID WASTE

Data review has been completed for data packages generated by Chemtech and TAL containing analytical results from groundwater and liquid waste samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, and initial and continuing calibrations.

<u>Surrogate Recoveries</u>

All sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the high dibromofluoromethane recovery (QC limit 85-115%R) in sample MW-19 (117%R). Therefore, positive results for this sample were considered estimated, possibly biased high, and qualified “J”.

MS/MSD Precision and Accuracy

All of the MS/MSD precision results (RPDs) and accuracy results (%Rs) for designated spiked project samples were within QC limits with the exception of the low MS/MSD recoveries for chloromethane (70%R/60%R; QC limit 74-146%R) and 1,2,4-trichlorobenzene (64%R/46%R; QC limit 78-112%R) during the spiked analyses of MW-55. Therefore, results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the unspiked sample MW-55.

LCS Recoveries

There were many noncompliant LCS recoveries associated with project samples. Sample results for those compounds where LCS recoveries fell below QC acceptance limits were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive results for those compounds where LCS recoveries exceeded QC acceptance limits were considered estimated, possibly biased high, and qualified "J" for the affected samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 30% with the exception of acetone (RRF=0.028; 45.77%RSD) in the initial calibration associated with sample WATER-1; acetone (RRF=0.032) in the initial calibration associated with MW-55, MW-16, TRIP BLANK (5/8/07), WATER-2, and samples in SDG #Y2690; and chloroethane (55.5%RSD) and trichlorofluoromethane (55.9%RSD) in the initial calibration associated with samples in SDG #Y2831. Therefore, the sample results for acetone were considered estimated with positive results qualified "J" while nondetected results were considered unusable and qualified "R" for the affected samples. Results for chloroethane and trichlorofluoromethane were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum percent difference (%D) within ±25% with the exception of chloromethane (-31%D), bromomethane (-42.2%D), acetone (RRF=0.042; -50%D), 2-butanone (-44.7%D), methylcyclohexane (-26.7%D), tetrachloroethene (30.1%D), and 1,1,2,2-tetrachloroethane (-30.5%D) in the continuing calibration associated with sample WATER-1; acetone (RRF=0.028), vinyl chloride (-30%D), chloroethane (-31.3%D), trichlorofluoromethane (-56.1%D), and tetrachloroethene (27.1%D) in the continuing calibration associated with samples MW-55 and MW-16, and samples in SDG #Y2690; and chloroethane (RRF=0.04; -45.9%D), trichlorofluoromethane (-39.3%D), 1,1,2-trichlorotrifluoromethane (-37.5%D), carbon disulfide (-25.2%D), carbon tetrachloride (-37.1%D), dibromochloromethane (-30.1%D), 1,2-dibromoethane (-25.5%D), bromoform (-44.4%D), and 1,2-dibromo-3-chloropropane (-32.1%D) in the continuing calibration associated with samples in SDG #Y2831. Therefore, the sample results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. However, nondetected sample results for those compounds where the RRF criteria was exceeded, were considered unusable and qualified "R".

Usability

All groundwater and liquid waste volatile sample results were considered usable following data validation with the exception of certain nondetected results due to poor calibration linearity.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile groundwater and liquid waste data presented by Chemtech were 98.2% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A-2.

2.2.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries and LCS recoveries.

Surrogate Recoveries

All sample surrogate recoveries were compliant and within QC acceptance limits with the exception of the low 2-fluorophenol recovery (QC limit 21-100%R) in sample MW-19 (13%R). Validation qualification of this sample was not warranted since only one acid surrogate was noncompliant.

LCS Recoveries

All LCS recoveries were compliant and within QC acceptance limits with the exception of the high LCS recoveries for phenol (38%R, 76%R; QC limit 18-37%R) associated with samples WATER-1, MW-55, MW-16, and WATER-2; the LCS recoveries for phenol (64%R; QC limit

18-37%R), 4-chloroaniline (9%R; QC limit 20-84%R), 3-nitroaniline (12%R; QC limit 25-96%R), and 3,3'-dichlorobenzidine (20%R; QC limit 33-121%R) associated with samples in SDG #Y2690; and the LCS recoveries for phenol (68%R; QC limit 18-37%R) and 3,3'-dichlorobenzidine (30%R; QC limit 33-121%R) associated with samples in SDG #Y2831. Therefore, the positive results for those compounds where LCS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J" for the affected samples. Sample results for those compounds where LCS recoveries fell below the QC acceptance limits were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. However, nondetected results for compounds where LCS recoveries fell below 10% were considered unusable and qualified "R" for the affected samples.

Usability

All groundwater and liquid waste semivolatile sample results were considered usable following data validation with the exception of certain nondetected sample results due to poor LCS recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater and liquid waste semivolatile data presented by Chemtech were 99.6% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-2.

2.2.3 PCBs

The following items were reviewed for compliancy in the PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank contamination
- Initial calibrations
- Verification calibrations
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All liquid waste PCB sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The liquid waste PCB data presented by Chemtech were 100% complete with all data considered usable and valid. The validated data are tabulated and presented in Attachment A-2.

2.2.4 Inorganics

The following items were reviewed for compliancy in the inorganics analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- Interference check sample (ICS)
- Matrix spike (MS) recoveries
- Laboratory duplicate precision
- LCS recoveries
- ICP serial dilution
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of custody documentation, MS recoveries, and ICP serial dilutions.

Custody Documentation

It was noted that available cyanide samples MW-55 and MW-16 were received by TAL at ambient temperature. Therefore, the available cyanide results for these samples which were nondetects, were considered estimated, possibly biased low, and qualified "UJ".

MS Recoveries

All the MS recoveries were compliant and within the 75-125%R QC limit for all analytes with the exception of the MS recoveries for mercury (29%R, 46%R), manganese (129.3%R), aluminum, (138.6%R), and lead (127%R) associated with sample WATER-1; available cyanide (39%R, 40%R; QC limit 82-130%R) associated with MW-55 and MW-16; mercury (72.8%R) associated with samples WATER-2 and in SDG #Y2690; and potassium (125.3%R) associated

with samples in SDG #Y2831. Therefore, sample results for those analytes where MS recoveries fell below the QC acceptance limit were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. Positive results for those analytes where MS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified “J” for the affected samples.

ICP Serial Dilution

QC serial dilution results for target metals were compliant except for aluminum, barium, calcium, chromium, copper, iron, lead, magnesium, manganese, potassium, and zinc associated with sample WATER-1; and calcium, potassium, and sodium associated with samples MW-55 and MW-16. Therefore, positive results greater then ten times the instrument detection limit for these analytes were considered estimated and qualified "J" for the affected samples.

Usability

All groundwater and liquid waste inorganic sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater and liquid waste inorganic data presented by Chemtech and TAL were 100% complete (i.e., usable). The validated inorganic laboratory data are tabulated and presented in Attachment A-2.

TABLE 2.1-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – FORMER WEST 45TH STREET

SAMPLE ID	MATRIX	SAMPLE DATE	VOCs	SVOCs	INORG	FOOTNOTES
MW-11(3.5-4.0)	Soil	2/19/07	NO	OK	OK	1
SB-51(12-14)	Soil	2/26/07	NO	OK	OK	1
SB-51(16-18)	Soil	2/26/07	NO	OK	OK	1
022607FB	Water	2/26/07	NO	OK	OK	1
022707FB	Water	2/27/07	NO	OK	OK	1
SB-50(5-7)	Soil	2/27/07	NO	OK	OK	1
SB-50(9-11)	Soil	2/27/07	NO	OK	OK	1
MW-14(7-9)	Soil	2/28/07	NO	OK	OK	1
SB-49(7-9)	Soil	2/28/07	OK			
SB-49(17-19)	Soil	2/28/07	NO	OK	OK	1
022807FB	Water	2/28/07	NO	OK	OK	1
030107FB	Water	3/1/07	NO	OK	OK	1
MW-17(5-7)	Soil	3/1/07	NO	OK	OK	1
MW-12(8-10)	Soil	3/2/07	NO	OK	OK	1
MW-11(8-10)	Soil	3/2/07	NO	OK	OK	1
MW-11(18-20)	Soil	3/2/07	NO	OK	OK	1
030207EB	Water	3/2/07	NO	OK	OK	1
042607FB	Water	4/26/07	NO	OK	OK	1
MW-15(7-9)	Soil	4/26/07	OK			
SB-54(7-9)	Soil	4/26/07	OK			
SB-54(9-11)	Soil	4/26/07	OK			
MW-55(7-9)	Soil	4/27/07	OK	OK	OK	
MW-55(11-15)	Soil	4/27/07	OK			
MW-16(15-17)	Soil	4/27/07	OK	OK	OK	
MW-16(17-19)	Soil	4/27/07	OK			
042707FB	Water	4/27/07	NO	OK	OK	1
043007FB	Water	4/30/07	NO			1
SB-56(7-9)	Soil	4/30/07	OK			
SB-57(7-9)	Soil	5/1/07	OK	OK	OK	
SB-57(11-13)	Soil	5/1/07	OK	OK	OK	
050107FB	Water	5/1/07	OK	OK	NO	2
050707FB	Water	5/7/07	NO	OK	OK	1
MW-19(9-11)	Soil	5/7/07	OK	OK	OK	
MW-19(13-15)	Soil	5/7/07	OK	OK	OK	
MW-18(5-7)	Soil	5/7/07	OK	OK	OK	
MW-18(500-700)	Soil	5/7/07	OK	OK	OK	
SB-58(7-9)	Soil	5/8/07	OK	OK	OK	
SB-58(11-13)	Soil	5/8/07	OK	OK	OK	

TABLE 2.1-1 (CONTINUED)

SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – FORMER WEST 45TH STREET

SAMPLE ID	MATRIX	SAMPLE DATE	VOCs	SVOCs	INORG	FOOTNOTES
MW-20(15-17)	Soil	5/8/07	OK	OK	OK	
MW-20(21-23)	Soil	5/8/07	OK	OK	OK	
MW-20(23-25)	Soil	5/8/07	OK	OK	OK	
050807FB	Water	5/8/07	NO	OK	OK	1
SB-52(12-14)	Soil	2/23/08	OK	OK	OK	
SB-52(14-16)	Soil	2/23/08	OK	OK	OK	
SB-53(15-17)	Soil	3/1/08	OK	OK	OK	
SB-53(17-19)	Soil	3/1/08	OK	OK	OK	
	TOTAL SAMPLES:		46	38	38	

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 - Poor volatile calibration linearity for certain compounds.
2 - Poor inorganic MS recoveries for certain analytes.

TABLE 2.2-1

SUMMARY OF SAMPLE ANALYSES AND USABILITY GROUNDWATER AND LIQUID WASTE – FORMER WEST 45TH STREET

SAMPLE ID	MATRIX	SAMPLE DATE	VOCs	SVOCs	PCBs	INORG	OTHER	FOOTNOTE
WATER-1	Water	4/30/07	OK	OK	OK	OK	OK	
MW-55	Water	5/8/07	NO	OK		OK		1
MW-16	Water	5/8/07	NO	OK		OK		1
TripBlank	Water	5/8/07	NO					1
WATER-2	Water	5/9/07	NO	OK	OK	OK	OK	1
MW-10	Water	5/10/07	NO	NO		OK		1,2
MW-100	Water	5/10/07	NO	NO		OK		1,2
MW-11	Water	5/10/07	OK	NO		OK		2
MW-7	Water	5/10/07	NO	NO		OK		1,2
TripBlank	Water	5/10/07	NO					1
MW-5	Water	5/22/07	NO	OK		OK		1
MW-2	Water	5/22/07	NO	OK		OK		1
MW-19	Water	5/22/07	NO	OK		OK		1
MW-20	Water	5/22/07	NO	OK		OK		1
MW-9	Water	5/22/07	NO	OK		OK		1
MW-8	Water	5/22/07	NO	OK		OK		1
Trip Blank	Water	5/22/07	NO					1
	TOTAL SAMPLES:		17	14	2	14	2	

NOTES: OK – Sample analysis considered valid and usable.
NO – Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 – Poor volatile calibration linearity for certain compounds.
2 – Poor semivolatile LCS recoveries for certain compounds.

ATTACHMENT A

VALIDATED LABORATORY DATA

ATTACHMENT A-1

VALIDATED LABORATORY DATA FOR SOIL

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700779		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (3.5-4.0') 010700779-1 3.5-4.0' EMSL Analytical 10700779 Soil 2/19/2007 6/6/2007
CAS NO.	COMPOUND	UNITS:	
	VOLATILES		
75-71-8	Dichlorodifluoromethane	mg/Kg	0.056 U
74-87-3	Chloromethane	mg/Kg	0.11 U
75-01-4	Vinyl chloride	mg/Kg	0.056 U
74-83-9	Bromomethane	mg/Kg	0.28 U
75-00-3	Chloroethane	mg/Kg	0.056 U
75-69-4	Trichlorofluoromethane	mg/Kg	0.056 U
107-02-8	Acrolein	mg/Kg	R
76-13-1	Freon 113(1,1,2-Trichlorotrifluoro	mg/Kg	0.056 U
75-35-4	1,1-Dichloroethene	mg/Kg	0.056 U
67-64-1	Acetone	mg/Kg	0.64 J
75-15-0	Carbon disulfide	mg/Kg	0.056 U
75-09-2	Methylene chloride	mg/Kg	R
75-65-0	tert-Butyl Alcohol	mg/Kg	R
156-60-5	trans-1,2-Dichloroethene	mg/Kg	0.056 U
1634-04-4	Methyl-tert butyl ether	mg/Kg	0.056 U
107-13-1	Acrylonitrile	mg/Kg	0.056 U
75-34-3	1,1-Dichloroethane	mg/Kg	0.056 U
108-05-4	Vinyl acetate	mg/Kg	0.56 U
590-20-7	2,2-Dichloropropane	mg/Kg	0.056 U
156-59-2	cis-1,2-Dichloroethene	mg/Kg	0.056 U
78-93-3	2-Butanone	mg/Kg	0.11 U
74-97-5	Bromochloromethane	mg/Kg	0.056 U
67-66-3	Chloroform	mg/Kg	0.056 U
71-55-6	1,1,1-Trichloroethane	mg/Kg	0.056 U
56-23-5	Carbon tetrachloride	mg/Kg	0.056 U
563-58-6	1,1-Dichloropropene	mg/Kg	0.056 U
71-43-2	Benzene	mg/Kg	0.028 U
107-06-2	1,2-Dichloroethane	mg/Kg	0.056 U
79-01-6	Trichloroethene	mg/Kg	0.056 U
74-95-3	Dibromomethane	mg/Kg	0.056 U
75-27-4	Bromodichloromethane	mg/Kg	0.056 U
10061-01-5	cis-1,3-Dichloropropene	mg/Kg	0.056 U
108-10-1	4-Methyl-2-pentanone	mg/Kg	0.56 U
108-88-3	Toluene	mg/Kg	0.056 U
10061-02-6	trans-1,3-Dichloropropene	mg/Kg	0.056 U
79-00-5	1,1,2-Trichloroethane	mg/Kg	0.056 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700779		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (3.5-4.0') 010700779-1 3.5-4.0' EMSL Analytical 10700779 Soil 2/19/2007 6/6/2007
CAS NO.	COMPOUND	UNITS:	
	VOLATILES		
127-18-4	Tetrachloroethene	mg/Kg	0.056 U
142-28-9	1,3-Dichloropropane	mg/Kg	0.056 U
591-78-6	2-Hexanone	mg/Kg	0.56 UJ
124-48-1	Dibromochloromethane	mg/Kg	0.056 U
106-93-4	1,2-Dibromoethane	mg/Kg	0.056 U
108-90-7	Chlorobenzene	mg/Kg	0.056 U
630-20-6	1,1,1,2-Tetrachloroethane	mg/Kg	0.056 U
100-41-4	Ethylbenzene	mg/Kg	0.056 U
108-38-3	Xylene (para & meta)	mg/Kg	0.056 U
95-47-6	Xylene (Ortho)	mg/Kg	0.056 U
100-42-5	Styrene	mg/Kg	0.056 U
75-25-2	Bromoform	mg/Kg	0.056 U
98-82-8	Isopropylbenzene	mg/Kg	0.056 U
108-86-1	Bromobenzene	mg/Kg	0.056 U
79-34-5	1,1,2,2-Tetrachloroethane	mg/Kg	0.056 U
96-18-4	1,2,3-Trichloropropane	mg/Kg	0.056 U
103-65-1	n-Propylbenzene	mg/Kg	0.056 U
110-57-6	trans-1,4-Dichloro-2-butene	mg/Kg	0.11 U
95-49-8	2-Chlorotoluene	mg/Kg	0.056 U
106-43-4	4-Chlorotoluene	mg/Kg	0.056 U
108-67-8	1,3,5-Trimethylbenzene	mg/Kg	0.056 U
98-06-6	tert-Butylbenzene	mg/Kg	0.056 U
95-63-6	1,2,4-Trimethylbenzene	mg/Kg	0.056 U
135-98-8	sec-Butylbenzene	mg/Kg	0.056 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.056 U
99-87-6	4-Isopropyltoluene	mg/Kg	0.056 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.056 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.056 U
104-51-8	n-Butylbenzene	mg/Kg	0.056 U
67-72-1	Hexachloroethane	mg/Kg	0.056 U
96-12-8	1,2-Dibromo-3-chloropropane	mg/Kg	0.056 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.056 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.056 U
91-20-3	Naphthalene	mg/Kg	0.056 U
87-61-6	1,2,3-Trichlorobenzene	mg/Kg	0.056 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700779		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (3.5-4.0') 010700779-1 3.5-4.0' EMSL Analytical 10700779 Soil 2/19/2007 6/6/2007
CAS NO.	COMPOUND	UNITS:	
	SEMIVOLATILES		
62-75-9	N-nitrosodimethylamine	mg/Kg	0.015 U
108-95-2	Phenol	mg/Kg	0.047 U
100-51-6	Benzyl alcohol	mg/Kg	0.19 U
111-44-4	bis(2-Chloroethyl)ether	mg/Kg	0.027 U
95-57-8	2-Chlorophenol	mg/Kg	0.027 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.009 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.01 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.012 U
95-48-7	2-Methylphenol	mg/Kg	0.015 U
39638-32-9	bis(2-chloroisopropyl)ether	mg/Kg	0.011 UJ
106-44-5	3+4-Methylphenol	mg/Kg	0.012 U
621-64-7	N-Nitroso-Di-n-propylamine	mg/Kg	0.015 U
67-72-1	Hexachloroethane	mg/Kg	0.011 U
98-95-3	Nitrobenzene	mg/Kg	0.0097 U
78-59-1	Isophorone	mg/Kg	0.014 U
88-75-5	2-Nitrophenol	mg/Kg	0.045 U
105-67-9	2,4-Dimethylphenol	mg/Kg	0.035 U
111-91-1	bis(2-Chloroethoxy)methane	mg/Kg	0.015 U
120-83-2	2,4-Dichlorophenol	mg/Kg	0.047 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.015 U
91-20-3	Naphthalene	mg/Kg	0.031
106-47-8	4-Chloroaniline	mg/Kg	0.02 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.015 U
59-50-7	4-Chloro-3-methylphenol	mg/Kg	0.048 U
91-58-7	2-Chloronaphthalene	mg/Kg	0.016 U
91-57-6	2-Methylnaphthalene	mg/Kg	0.017 U
77-47-4	Hexachlorocyclopentadiene	mg/Kg	0.012 U
88-06-2	2,4,6-Trichlorophenol	mg/Kg	0.047 U
95-95-4	2,4,5-Trichlorophenol	mg/Kg	0.017 U
88-74-4	2-Nitroaniline	mg/Kg	0.015 U
131-11-3	Dimethylphthalate	mg/Kg	0.016 U
208-96-8	Acenaphthylene	mg/Kg	0.077
606-20-2	2,6-Dinitrotoluene	mg/Kg	0.012 U
99-09-2	3-Nitroaniline	mg/Kg	0.022 U
83-32-9	Acenaphthene	mg/Kg	0.0097 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700779		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (3.5-4.0') 010700779-1 3.5-4.0' EMSL Analytical 10700779 Soil 2/19/2007 6/6/2007
CAS NO.	COMPOUND	UNITS:	
	SEMIVOLATILES		
51-28-5	2,4-Dinitrophenol	mg/Kg	0.039 UJ
100-02-7	4-Nitrophenol	mg/Kg	0.078 UJ
132-64-9	Dibenzofuran	mg/Kg	0.022 U
121-14-2	2,4-Dinitrotoluene	mg/Kg	0.015 U
84-66-2	Diethylphthalate	mg/Kg	0.017 U
86-73-7	Fluorene	mg/Kg	0.0097 U
7005-72-3	4-Chlorophenyl-phenylether	mg/Kg	0.018 U
100-01-6	4-Nitroaniline	mg/Kg	0.018 U
534-52-1	4,6-Dinitro-2-methylphenol	mg/Kg	0.038 UJ
86-30-6	n-Nitrosodiphenylamine	mg/Kg	0.01 U
122-66-7	1,2-Diphenylhydrazine (as azoben	mg/Kg	0.078 U
101-55-3	4-Bromophenyl-phenylether	mg/Kg	0.017 U
118-74-1	Hexachlorobenzene	mg/Kg	0.017 U
87-86-5	Pentachlorophenol	mg/Kg	0.052 U
85-01-8	Phenanthrene	mg/Kg	0.073
120-12-7	Anthracene	mg/Kg	0.025
86-74-8	Carbazole	mg/Kg	0.017 U
84-74-2	Di-n-butylphthalate	mg/Kg	0.041 U
206-44-0	Fluoranthene	mg/Kg	0.16
92-87-5	Benzidine	mg/Kg	0.4 U
129-00-0	Pyrene	mg/Kg	0.15
85-68-7	Butylbenzylphthalate	mg/Kg	0.093 U
56-55-3	Benzo[a]anthracene	mg/Kg	0.11
91-94-1	3,3'-Dichlorobenzidine	mg/Kg	0.048 U
218-01-9	Chrysene	mg/Kg	0.13
117-81-7	bis(2-Ethylhexyl)phthalate	mg/Kg	0.022
117-84-0	Di-n-octylphthalate	mg/Kg	0.016
205-99-2	Benzo[b]fluoranthene	mg/Kg	0.13
207-08-9	Benzo[k]fluoranthene	mg/Kg	0.1
50-32-8	Benzo[a]pyrene	mg/Kg	0.15
193-39-5	Indeno[1,2,3-cd]pyrene	mg/Kg	0.11
53-70-3	Dibenz[a,h]anthracene	mg/Kg	0.032
191-24-2	Benzo[g,h,i]perylene	mg/Kg	0.15

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700779		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (3.5-4.0') 010700779-1 3.5-4.0' EMSL Analytical 10700779 Soil 2/19/2007 6/6/2007
CAS NO.	COMPOUND	UNITS:	
	INORGANICS		
7429-90-5	Aluminum	mg/Kg	4600 J
7440-36-0	Antimony	mg/Kg	2.2 UJ
7440-38-2	Arsenic	mg/Kg	3
7440-39-3	Barium	mg/Kg	47
7440-41-7	Beryllium	mg/Kg	0.44 U
7440-43-9	Cadmium	mg/Kg	0.44 U
7440-70-2	Calcium	mg/Kg	2600 J
7440-47-3	Chromium	mg/Kg	8.7 J
7440-48-4	Cobalt	mg/Kg	4.3
7440-50-8	Copper	mg/Kg	41
7439-89-6	Iron	mg/Kg	14000 J
7439-92-1	Lead	mg/Kg	75 J
7439-95-4	Magnesium	mg/Kg	1500 J
7439-96-5	Manganese	mg/Kg	110 J
7439-97-6	Mercury	mg/Kg	0.15
7440-02-0	Nickel	mg/Kg	9.5
7440-09-7	Potassium	mg/Kg	740
7782-49-2	Selenium	mg/Kg	2.2 UJ
7440-22-4	Silver	mg/Kg	1.1 U
7440-23-5	Sodium	mg/Kg	110 U
7440-28-0	Thallium	mg/Kg	1.1 U
7440-62-2	Vanadium	mg/Kg	12 J
7440-66-6	Zinc	mg/Kg	77
57-12-5	Total Cyanide	mg/Kg	0.56 U
	OTHER		
	Total Solids	%	89

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700897		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-51 (12-14') 010700897-1 12-14' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	SB-51 (16-18') 010700897-2 16-18' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	022607FB 010700897-3 EMSL Analytical 10700897 Water 2/26/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	VOLATILES				
75-71-8	Dichlorodifluoromethane	mg/Kg	0.0011 U	0.0012 U	1 U
74-87-3	Chloromethane	mg/Kg	0.0011 U	0.0012 U	1 U
75-01-4	Vinyl chloride	mg/Kg	0.0011 U	0.0012 U	1 U
74-83-9	Bromomethane	mg/Kg	0.0011 U	0.0012 U	5 U
75-00-3	Chloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
75-69-4	Trichlorofluoromethane	mg/Kg	0.0011 U	0.0012 U	1 U
107-02-8	Acrolein	mg/Kg	R	R	R
76-13-1	Freon 113(1,1,2-Trichlorotrifluoro	mg/Kg	0.0011 U	0.0012 U	1 U
75-35-4	1,1-Dichloroethene	mg/Kg	0.0011 U	0.0012 U	1 U
67-64-1	Acetone	mg/Kg	0.011 UJ	0.012 UJ	2 UJ
75-15-0	Carbon disulfide	mg/Kg	0.0011 U	0.0012 U	1 U
75-09-2	Methylene chloride	mg/Kg	0.0038 UJ	0.0013 J	R
75-65-0	tert-Butyl Alcohol	mg/Kg	R	0.0099 J	R
156-60-5	trans-1,2-Dichloroethene	mg/Kg	0.0011 U	0.0012 U	1 U
1634-04-4	Methyl-tert butyl ether	mg/Kg	0.0011 U	0.0012 U	1 U
107-13-1	Acrylonitrile	mg/Kg	0.0011 U	0.0012 U	1 U
75-34-3	1,1-Dichloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
108-05-4	Vinyl acetate	mg/Kg	0.011 U	0.012 U	10 U
590-20-7	2,2-Dichloropropane	mg/Kg	0.0011 U	0.0012 U	1 U
156-59-2	cis-1,2-Dichloroethene	mg/Kg	0.0011 U	0.0012 U	1 U
78-93-3	2-Butanone	mg/Kg	0.0023 U	0.0024 U	2 U
74-97-5	Bromochloromethane	mg/Kg	0.0011 U	0.0012 U	1 U
67-66-3	Chloroform	mg/Kg	0.0011 U	0.0012 U	1 U
71-55-6	1,1,1-Trichloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
56-23-5	Carbon tetrachloride	mg/Kg	0.0011 U	0.0012 U	1 U
563-58-6	1,1-Dichloropropene	mg/Kg	0.0011 U	0.0012 U	1 U
71-43-2	Benzene	mg/Kg	0.00057 U	0.00059 U	1.6
107-06-2	1,2-Dichloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
79-01-6	Trichloroethene	mg/Kg	0.0011 U	0.0012 U	1 U
74-95-3	Dibromomethane	mg/Kg	0.0011 U	0.0012 U	1 U
75-27-4	Bromodichloromethane	mg/Kg	0.0011 U	0.0012 U	1 U
10061-01-5	cis-1,3-Dichloropropene	mg/Kg	0.0011 U	0.0012 U	1 U
108-10-1	4-Methyl-2-pentanone	mg/Kg	0.011 U	0.012 U	10 U
108-88-3	Toluene	mg/Kg	0.0011 U	0.0012 U	1 U
10061-02-6	trans-1,3-Dichloropropene	mg/Kg	0.0011 U	0.0012 U	1 U
79-00-5	1,1,2-Trichloroethane	mg/Kg	0.0011 U	0.0012 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700897		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-51 (12-14') 010700897-1 12-14' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	SB-51 (16-18') 010700897-2 16-18' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	022607FB 010700897-3 EMSL Analytical 10700897 Water 2/26/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	VOLATILES				
127-18-4	Tetrachloroethene	mg/Kg	0.0011 U	0.0012 U	1 U
142-28-9	1,3-Dichloropropane	mg/Kg	0.0011 U	0.0012 U	1 U
591-78-6	2-Hexanone	mg/Kg	0.011 U	0.012 U	10 U
124-48-1	Dibromochloromethane	mg/Kg	0.0011 U	0.0012 U	1 U
106-93-4	1,2-Dibromoethane	mg/Kg	0.0011 U	0.0012 U	1 U
108-90-7	Chlorobenzene	mg/Kg	0.0011 U	0.0012 U	1 U
630-20-6	1,1,1,2-Tetrachloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
100-41-4	Ethylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
108-38-3	Xylene (para & meta)	mg/Kg	0.0011 U	0.0012 U	1 U
95-47-6	Xylene (Ortho)	mg/Kg	0.0011 U	0.0012 U	1 U
100-42-5	Styrene	mg/Kg	0.0011 U	0.0012 U	1 U
75-25-2	Bromoform	mg/Kg	0.0011 U	0.0012 U	1 U
98-82-8	Isopropylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
108-86-1	Bromobenzene	mg/Kg	0.0011 U	0.0012 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
96-18-4	1,2,3-Trichloropropane	mg/Kg	0.0011 U	0.0012 U	1 U
103-65-1	n-Propylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
110-57-6	trans-1,4-Dichloro-2-butene	mg/Kg	0.0023 U	0.0024 U	2 U
95-49-8	2-Chlorotoluene	mg/Kg	0.0011 U	0.0012 U	1 U
106-43-4	4-Chlorotoluene	mg/Kg	0.0011 U	0.0012 U	1 U
108-67-8	1,3,5-Trimethylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
98-06-6	tert-Butylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
95-63-6	1,2,4-Trimethylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
135-98-8	sec-Butylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0011 U	0.0012 U	1 U
99-87-6	4-Isopropyltoluene	mg/Kg	0.0011 U	0.0012 U	1 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.0011 U	0.0012 U	1 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.0011 U	0.0012 U	1 U
104-51-8	n-Butylbenzene	mg/Kg	0.0011 U	0.0012 U	1 U
67-72-1	Hexachloroethane	mg/Kg	0.0011 U	0.0012 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	mg/Kg	0.0011 U	0.0012 U	1 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.0011 U	0.0012 U	1 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.0011 U	0.0012 U	1 U
91-20-3	Naphthalene	mg/Kg	0.0011 U	0.0012 U	1 U
87-61-6	1,2,3-Trichlorobenzene	mg/Kg	0.0011 U	0.0012 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700897		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-51 (12-14') 010700897-1 12-14' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	SB-51 (16-18') 010700897-2 16-18' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	022607FB 010700897-3 EMSL Analytical 10700897 Water 2/26/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	SEMIVOLATILES				
62-75-9	N-nitrosodimethylamine	mg/Kg	0.016 U	0.016 U	0.22 U
108-95-2	Phenol	mg/Kg	0.048 U	0.049 U	1.6 U
100-51-6	Benzyl alcohol	mg/Kg	0.19 U	0.2 U	5.6 U
111-44-4	bis(2-Chloroethyl)ether	mg/Kg	0.027 U	0.028 U	1.1 U
95-57-8	2-Chlorophenol	mg/Kg	0.028 U	0.029 U	0.82 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0092 U	0.0094 U	0.39 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.011 U	0.011 U	0.39 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.012 U	0.012 U	0.32 U
95-48-7	2-Methylphenol	mg/Kg	0.015 U	0.016 U	0.79 U
39638-32-9	bis(2-chloroisopropyl)ether	mg/Kg	0.011 U	0.012 U	0.51 U
106-44-5	3+4-Methylphenol	mg/Kg	0.012 U	0.012 U	0.61 U
621-64-7	N-Nitroso-Di-n-propylamine	mg/Kg	0.015 U	0.015 U	0.5 U
67-72-1	Hexachloroethane	mg/Kg	0.011 U	0.011 U	0.36 U
98-95-3	Nitrobenzene	mg/Kg	0.0099 U	0.01 U	0.56 U
78-59-1	Isophorone	mg/Kg	0.015 U	0.015 U	0.3 U
88-75-5	2-Nitrophenol	mg/Kg	0.046 U	0.047 U	2.2 U
105-67-9	2,4-Dimethylphenol	mg/Kg	0.036 U	0.037 U	1.6 U
111-91-1	bis(2-Chloroethoxy)methane	mg/Kg	0.015 U	0.016 U	0.4 U
120-83-2	2,4-Dichlorophenol	mg/Kg	0.048 U	0.049 U	2.5 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.015 U	0.016 U	0.51 U
91-20-3	Naphthalene	mg/Kg	0.0088 U	0.009 U	0.24 U
106-47-8	4-Chloroaniline	mg/Kg	0.021 U	0.021 U	0.54 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.016 U	0.016 U	0.48 U
59-50-7	4-Chloro-3-methylphenol	mg/Kg	0.049 U	0.05 U	1.4 U
91-58-7	2-Chloronaphthalene	mg/Kg	0.016 U	0.016 U	0.43 U
91-57-6	2-Methylnaphthalene	mg/Kg	0.018 U	0.018 U	0.69 U
77-47-4	Hexachlorocyclopentadiene	mg/Kg	0.013 U	0.013 U	1.5 U
88-06-2	2,4,6-Trichlorophenol	mg/Kg	0.048 U	0.049 U	3 U
95-95-4	2,4,5-Trichlorophenol	mg/Kg	0.018 U	0.018 U	1.4 U
88-74-4	2-Nitroaniline	mg/Kg	0.015 U	0.015 U	0.86 U
131-11-3	Dimethylphthalate	mg/Kg	0.016 U	0.017 U	0.34 U
208-96-8	Acenaphthylene	mg/Kg	0.0095 U	0.0098 U	0.22 U
606-20-2	2,6-Dinitrotoluene	mg/Kg	0.012 U	0.013 U	0.32 U
99-09-2	3-Nitroaniline	mg/Kg	0.022 U	0.023 U	0.54 U
83-32-9	Acenaphthene	mg/Kg	0.0099 U	0.01 U	0.28 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700897		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-51 (12-14') 010700897-1 12-14' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	SB-51 (16-18') 010700897-2 16-18' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	022607FB 010700897-3 EMSL Analytical 10700897 Water 2/26/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	SEMIVOLATILES				
51-28-5	2,4-Dinitrophenol	mg/Kg	0.04 UJ	0.041 UJ	1.6 UJ
100-02-7	4-Nitrophenol	mg/Kg	0.08 U	0.082 U	3.5 U
132-64-9	Dibenzofuran	mg/Kg	0.023 U	0.023 U	0.78 U
121-14-2	2,4-Dinitrotoluene	mg/Kg	0.016 U	0.016 U	0.49 U
84-66-2	Diethylphthalate	mg/Kg	0.018 U	0.018 U	0.43 U
86-73-7	Fluorene	mg/Kg	0.0099 U	0.01 U	0.33 U
7005-72-3	4-Chlorophenyl-phenylether	mg/Kg	0.018 U	0.019 U	0.37 U
100-01-6	4-Nitroaniline	mg/Kg	0.018 U	0.018 U	0.78 U
534-52-1	4,6-Dinitro-2-methylphenol	mg/Kg	0.039 UJ	0.04 UJ	2.3 U
86-30-6	n-Nitrosodiphenylamine	mg/Kg	0.01 U	0.011 U	0.33 U
122-66-7	1,2-Diphenylhydrazine (as azoben	mg/Kg	0.079 U	0.081 U	1.8 U
101-55-3	4-Bromophenyl-phenylether	mg/Kg	0.017 U	0.018 U	0.46 U
118-74-1	Hexachlorobenzene	mg/Kg	0.018 U	0.018 U	0.56 U
87-86-5	Pentachlorophenol	mg/Kg	0.053 U	0.055 U	2.9 U
85-01-8	Phenanthrene	mg/Kg	0.015	0.016 U	0.3 U
120-12-7	Anthracene	mg/Kg	0.0073 U	0.0074 U	0.41 U
86-74-8	Carbazole	mg/Kg	0.018 U	0.018 U	0.33 U
84-74-2	Di-n-butylphthalate	mg/Kg	0.02 U	0.021	1.8 U
206-44-0	Fluoranthene	mg/Kg	0.014	0.012 U	0.24 U
92-87-5	Benzidine	mg/Kg	0.41 U	0.42 U	0.74 U
129-00-0	Pyrene	mg/Kg	0.016	0.011 U	0.22 U
85-68-7	Butylbenzylphthalate	mg/Kg	0.095 U	0.097 U	0.27 U
56-55-3	Benzo[a]anthracene	mg/Kg	0.012 U	0.012 U	0.29 U
91-94-1	3,3'-Dichlorobenzidine	mg/Kg	0.049 U	0.05 U	1.4 U
218-01-9	Chrysene	mg/Kg	0.012 U	0.012 U	0.22 U
117-81-7	bis(2-Ethylhexyl)phthalate	mg/Kg	0.072 U	0.072 U	0.61 U
117-84-0	Di-n-octylphthalate	mg/Kg	0.015 U	0.015 U	0.28 U
205-99-2	Benzo[b]fluoranthene	mg/Kg	0.0092 U	0.0094 U	0.23 U
207-08-9	Benzo[k]fluoranthene	mg/Kg	0.013 U	0.013 U	0.31 U
50-32-8	Benzo[a]pyrene	mg/Kg	0.0076 U	0.0078 U	0.27 U
193-39-5	Indeno[1,2,3-cd]pyrene	mg/Kg	0.013 U	0.014 U	0.26 U
53-70-3	Dibenz[a,h]anthracene	mg/Kg	0.012 U	0.012 U	0.36 U
191-24-2	Benzo[g,h,i]perylene	mg/Kg	0.013 U	0.013 U	0.23 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700897		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-51 (12-14') 010700897-1 12-14' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	SB-51 (16-18') 010700897-2 16-18' EMSL Analytical 10700897 Soil 2/26/2007 6/18/2007	022607FB 010700897-3 EMSL Analytical 10700897 Water 2/26/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	INORGANICS				
7429-90-5	Aluminum	mg/Kg	5100 J	4900 J	100 U
7440-36-0	Antimony	mg/Kg	2.2 UJ	2.2 UJ	20 UJ
7440-38-2	Arsenic	mg/Kg	1.5 J	2.1 J	8 U
7440-39-3	Barium	mg/Kg	44 J	45 J	100 U
7440-41-7	Beryllium	mg/Kg	0.44 UJ	0.46 J	4 U
7440-43-9	Cadmium	mg/Kg	0.44 UJ	0.43 UJ	4 U
7440-70-2	Calcium	mg/Kg	2200 J	3200 J	1000 U
7440-47-3	Chromium	mg/Kg	12 J	18 J	10 U
7440-48-4	Cobalt	mg/Kg	2.8 J	5.5 J	10 U
7440-50-8	Copper	mg/Kg	13 J	13 J	20 U
7439-89-6	Iron	mg/Kg	14000 J	20000 J	100 U
7439-92-1	Lead	mg/Kg	29 J	6.3 J	10 U
7439-95-4	Magnesium	mg/Kg	1400 J	3500 J	1000 U
7439-96-5	Manganese	mg/Kg	130 J	200 J	15 U
7439-97-6	Mercury	mg/Kg	0.19	0.023 U	0.2 U
7440-02-0	Nickel	mg/Kg	7.3 J	10 J	20 U
7440-09-7	Potassium	mg/Kg	550 J	1000 J	1000 UJ
7782-49-2	Selenium	mg/Kg	2.2 UJ	2.2 UJ	20 U
7440-22-4	Silver	mg/Kg	1.1 UJ	1.1 UJ	10 U
7440-23-5	Sodium	mg/Kg	330 J	180 J	1000 U
7440-28-0	Thallium	mg/Kg	1.1 UJ	1.1 UJ	10 U
7440-62-2	Vanadium	mg/Kg	12 J	20 J	10 UJ
7440-66-6	Zinc	mg/Kg	30 J	25 J	20 U
57-12-5	Total Cyanide	mg/Kg	3.6 U	5.8	30
	OTHER				
	Total Solids	%	87	85	

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700914		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-50 (5-7') 010700914-2 5-7' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	SB-50 (9-11') 010700914-3 9-11' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	022707FB 010700914-1 EMSL Analytical 10700914 Water 2/27/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	VOLATILES				
75-71-8	Dichlorodifluoromethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
74-87-3	Chloromethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
75-01-4	Vinyl chloride	mg/Kg	0.0011 UJ	0.0012 U	1 U
74-83-9	Bromomethane	mg/Kg	0.0011 UJ	0.0012 U	5 U
75-00-3	Chloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
75-69-4	Trichlorofluoromethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
107-02-8	Acrolein	mg/Kg	R	R	R
76-13-1	Freon 113(1,1,2-Trichlorotrifluoro	mg/Kg	0.0011 UJ	0.0012 U	1 U
75-35-4	1,1-Dichloroethene	mg/Kg	0.0011 UJ	0.0012 U	1 U
67-64-1	Acetone	mg/Kg	0.024 J	0.0024 J	2 UJ
75-15-0	Carbon disulfide	mg/Kg	0.0011 UJ	0.0013	1 U
75-09-2	Methylene chloride	mg/Kg	0.0011 UJ	0.0037 UJ	R
75-65-0	tert-Butyl Alcohol	mg/Kg	R	R	R
156-60-5	trans-1,2-Dichloroethene	mg/Kg	0.0011 UJ	0.0012 U	1 U
1634-04-4	Methyl-tert butyl ether	mg/Kg	0.0011 UJ	0.0012 U	1 U
107-13-1	Acrylonitrile	mg/Kg	0.0011 UJ	0.0012 U	1 U
75-34-3	1,1-Dichloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
108-05-4	Vinyl acetate	mg/Kg	0.011 UJ	0.012 U	10 U
590-20-7	2,2-Dichloropropane	mg/Kg	0.0011 UJ	0.0012 U	1 U
156-59-2	cis-1,2-Dichloroethene	mg/Kg	0.0011 UJ	0.0012 U	1 U
78-93-3	2-Butanone	mg/Kg	0.0049 J	0.0024 U	2 U
74-97-5	Bromochloromethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
67-66-3	Chloroform	mg/Kg	0.0011 UJ	0.0012 U	1 U
71-55-6	1,1,1-Trichloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
56-23-5	Carbon tetrachloride	mg/Kg	0.0011 UJ	0.0012 U	1 U
563-58-6	1,1-Dichloropropene	mg/Kg	0.0011 UJ	0.0012 U	1 U
71-43-2	Benzene	mg/Kg	0.00057 UJ	0.00059 U	0.5 U
107-06-2	1,2-Dichloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
79-01-6	Trichloroethene	mg/Kg	0.0011 UJ	0.0012 U	1 U
74-95-3	Dibromomethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
75-27-4	Bromodichloromethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
10061-01-5	cis-1,3-Dichloropropene	mg/Kg	0.0011 UJ	0.0012 U	1 U
108-10-1	4-Methyl-2-pentanone	mg/Kg	0.011 UJ	0.012 U	10 U
108-88-3	Toluene	mg/Kg	0.0011 UJ	0.0012 U	1 U
10061-02-6	trans-1,3-Dichloropropene	mg/Kg	0.0011 UJ	0.0012 U	1 U
79-00-5	1,1,2-Trichloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700914		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-50 (5-7') 010700914-2 5-7' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	SB-50 (9-11') 010700914-3 9-11' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	022707FB 010700914-1 EMSL Analytical 10700914 Water 2/27/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	VOLATILES				
127-18-4	Tetrachloroethene	mg/Kg	0.0011 UJ	0.0012 U	1 U
142-28-9	1,3-Dichloropropane	mg/Kg	0.0011 UJ	0.0012 U	1 U
591-78-6	2-Hexanone	mg/Kg	0.011 UJ	0.012 U	10 U
124-48-1	Dibromochloromethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
106-93-4	1,2-Dibromoethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
108-90-7	Chlorobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
630-20-6	1,1,1,2-Tetrachloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
100-41-4	Ethylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
108-38-3	Xylene (para & meta)	mg/Kg	0.0011 UJ	0.0012 U	1 U
95-47-6	Xylene (Ortho)	mg/Kg	0.0011 UJ	0.0012 U	1 U
100-42-5	Styrene	mg/Kg	0.0011 UJ	0.0012 U	1 U
75-25-2	Bromoform	mg/Kg	0.0011 UJ	0.0012 U	1 U
98-82-8	Isopropylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
108-86-1	Bromobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
96-18-4	1,2,3-Trichloropropane	mg/Kg	0.0011 UJ	0.0012 U	1 U
103-65-1	n-Propylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
110-57-6	trans-1,4-Dichloro-2-butene	mg/Kg	0.0023 UJ	0.0024 U	2 U
95-49-8	2-Chlorotoluene	mg/Kg	0.0011 UJ	0.0012 U	1 U
106-43-4	4-Chlorotoluene	mg/Kg	0.0011 UJ	0.0012 U	1 U
108-67-8	1,3,5-Trimethylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
98-06-6	tert-Butylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
95-63-6	1,2,4-Trimethylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
135-98-8	sec-Butylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
99-87-6	4-Isopropyltoluene	mg/Kg	0.0011 UJ	0.0012 U	1 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
104-51-8	n-Butylbenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
67-72-1	Hexachloroethane	mg/Kg	0.0011 UJ	0.0012 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	mg/Kg	0.0011 UJ	0.0012 U	1 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.0011 UJ	0.0012 U	1 U
91-20-3	Naphthalene	mg/Kg	0.0011 UJ	0.0012 U	1 U
87-61-6	1,2,3-Trichlorobenzene	mg/Kg	0.0011 UJ	0.0012 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700914		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-50 (5-7') 010700914-2 5-7' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	SB-50 (9-11') 010700914-3 9-11' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	022707FB 010700914-1 EMSL Analytical 10700914 Water 2/27/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	SEMIVOLATILES				
62-75-9	N-nitrosodimethylamine	mg/Kg	0.016 U	0.016 U	0.22 U
108-95-2	Phenol	mg/Kg	0.047 U	0.049 U	1.6 U
100-51-6	Benzyl alcohol	mg/Kg	0.19 U	0.2 U	5.4 U
111-44-4	bis(2-Chloroethyl)ether	mg/Kg	0.027 U	0.028 U	1.1 U
95-57-8	2-Chlorophenol	mg/Kg	0.028 U	0.029 U	0.8 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0091 U	0.0094 U	0.38 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.011 U	0.011 U	0.38 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.012 U	0.012 U	0.32 U
95-48-7	2-Methylphenol	mg/Kg	0.015 U	0.016 U	0.77 U
39638-32-9	bis(2-chloroisopropyl)ether	mg/Kg	0.011 U	0.012 U	0.5 U
106-44-5	3+4-Methylphenol	mg/Kg	0.012 U	0.012 U	0.6 U
621-64-7	N-Nitroso-Di-n-propylamine	mg/Kg	0.015 U	0.015 U	0.49 U
67-72-1	Hexachloroethane	mg/Kg	0.011 U	0.011 U	0.35 U
98-95-3	Nitrobenzene	mg/Kg	0.0098 U	0.01 U	0.54 U
78-59-1	Isophorone	mg/Kg	0.014 U	0.015 U	0.29 U
88-75-5	2-Nitrophenol	mg/Kg	0.045 U	0.047 U	2.2 U
105-67-9	2,4-Dimethylphenol	mg/Kg	0.036 U	0.037 U	1.6 U
111-91-1	bis(2-Chloroethoxy)methane	mg/Kg	0.015 U	0.016 U	0.39 U
120-83-2	2,4-Dichlorophenol	mg/Kg	0.047 U	0.049 U	2.4 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.015 U	0.016 U	0.5 U
91-20-3	Naphthalene	mg/Kg	0.0087 U	0.009 U	0.24 U
106-47-8	4-Chloroaniline	mg/Kg	0.02 U	0.021 U	0.53 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.016 U	0.016 U	0.47 U
59-50-7	4-Chloro-3-methylphenol	mg/Kg	0.049 U	0.051 U	1.4 U
91-58-7	2-Chloronaphthalene	mg/Kg	0.016 U	0.016 U	0.42 U
91-57-6	2-Methylnaphthalene	mg/Kg	0.017 U	0.018 U	0.67 U
77-47-4	Hexachlorocyclopentadiene	mg/Kg	0.013 U	0.013 U	1.4 U
88-06-2	2,4,6-Trichlorophenol	mg/Kg	0.047 U	0.049 U	3 U
95-95-4	2,4,5-Trichlorophenol	mg/Kg	0.017 U	0.018 U	1.3 U
88-74-4	2-Nitroaniline	mg/Kg	0.015 U	0.015 U	0.84 U
131-11-3	Dimethylphthalate	mg/Kg	0.016 U	0.017 U	0.34 U
208-96-8	Acenaphthylene	mg/Kg	0.015	0.0098 U	0.22 U
606-20-2	2,6-Dinitrotoluene	mg/Kg	0.012 U	0.013 U	0.32 U
99-09-2	3-Nitroaniline	mg/Kg	0.022 U	0.023 U	0.53 U
83-32-9	Acenaphthene	mg/Kg	0.0098 U	0.01 U	0.27 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700914		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-50 (5-7') 010700914-2 5-7' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	SB-50 (9-11') 010700914-3 9-11' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	022707FB 010700914-1 EMSL Analytical 10700914 Water 2/27/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	SEMIVOLATILES				
51-28-5	2,4-Dinitrophenol	mg/Kg	0.039 UJ	0.041 UJ	1.6 UJ
100-02-7	4-Nitrophenol	mg/Kg	0.08 U	0.082 U	3.4 U
132-64-9	Dibenzofuran	mg/Kg	0.022 U	0.023 U	0.76 U
121-14-2	2,4-Dinitrotoluene	mg/Kg	0.016 U	0.016 U	0.48 U
84-66-2	Diethylphthalate	mg/Kg	0.017 U	0.018 U	0.42 U
86-73-7	Fluorene	mg/Kg	0.0098 U	0.01 U	0.33 U
7005-72-3	4-Chlorophenyl-phenylether	mg/Kg	0.018 U	0.019 U	0.36 U
100-01-6	4-Nitroaniline	mg/Kg	0.018 U	0.018 U	0.76 U
534-52-1	4,6-Dinitro-2-methylphenol	mg/Kg	0.039 UJ	0.04 UJ	2.2 UJ
86-30-6	n-Nitrosodiphenylamine	mg/Kg	0.01 U	0.011 U	0.33 U
122-66-7	1,2-Diphenylhydrazine (as azoben	mg/Kg	0.079 U	0.082 U	1.7 U
101-55-3	4-Bromophenyl-phenylether	mg/Kg	0.017 U	0.018 U	0.45 U
118-74-1	Hexachlorobenzene	mg/Kg	0.017 U	0.018 U	0.54 U
87-86-5	Pentachlorophenol	mg/Kg	0.053 U	0.055 U	2.8 U
85-01-8	Phenanthrene	mg/Kg	0.094	0.016 U	0.29 U
120-12-7	Anthracene	mg/Kg	0.019	0.0075 U	0.4 U
86-74-8	Carbazole	mg/Kg	0.017 U	0.018 U	0.33 U
84-74-2	Di-n-butylphthalate	mg/Kg	0.16	0.13	1.8 U
206-44-0	Fluoranthene	mg/Kg	0.14	0.012 U	0.24 U
92-87-5	Benzidine	mg/Kg	0.4 U	0.42 U	0.73 U
129-00-0	Pyrene	mg/Kg	0.14	0.011 U	0.22 U
85-68-7	Butylbenzylphthalate	mg/Kg	0.094 U	0.097 U	0.26 U
56-55-3	Benzo[a]anthracene	mg/Kg	0.078	0.012 U	0.28 U
91-94-1	3,3'-Dichlorobenzidine	mg/Kg	0.048 U	0.05 U	1.4 U
218-01-9	Chrysene	mg/Kg	0.077	0.012 U	0.22 U
117-81-7	bis(2-Ethylhexyl)phthalate	mg/Kg	0.081 U	0.058 U	0.6 U
117-84-0	Di-n-octylphthalate	mg/Kg	0.071	0.015 U	0.27 U
205-99-2	Benzo[b]fluoranthene	mg/Kg	0.061	0.0094 U	0.23 U
207-08-9	Benzo[k]fluoranthene	mg/Kg	0.052	0.013 U	0.3 U
50-32-8	Benzo[a]pyrene	mg/Kg	0.07	0.0078 U	0.26 U
193-39-5	Indeno[1,2,3-cd]pyrene	mg/Kg	0.045	0.014 U	0.25 U
53-70-3	Dibenz[a,h]anthracene	mg/Kg	0.012	0.012 U	0.35 U
191-24-2	Benzo[g,h,i]perylene	mg/Kg	0.058	0.013 U	0.23 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700914		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-50 (5-7') 010700914-2 5-7' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	SB-50 (9-11') 010700914-3 9-11' EMSL Analytical 10700914 Soil 2/27/2007 6/18/2007	022707FB 010700914-1 EMSL Analytical 10700914 Water 2/27/2007 6/18/2007
CAS NO.	COMPOUND	UNITS:			ug/L
	INORGANICS				
7429-90-5	Aluminum	mg/Kg	5900 J	5200 J	100 U
7440-36-0	Antimony	mg/Kg	2.1 UJ	2.3 UJ	20 U
7440-38-2	Arsenic	mg/Kg	2.2 J	1.7 J	8 U
7440-39-3	Barium	mg/Kg	49 J	76 J	100 U
7440-41-7	Beryllium	mg/Kg	0.43 UJ	0.47 UJ	4 U
7440-43-9	Cadmium	mg/Kg	0.43 UJ	0.47 UJ	4 U
7440-70-2	Calcium	mg/Kg	15000 J	1300 J	1000 U
7440-47-3	Chromium	mg/Kg	12 J	24 J	10 U
7440-48-4	Cobalt	mg/Kg	3.2 J	3.9 J	10 U
7440-50-8	Copper	mg/Kg	110 J	16 J	20 U
7439-89-6	Iron	mg/Kg	11000 J	11000 J	100 U
7439-92-1	Lead	mg/Kg	38 J	3.4 J	10 U
7439-95-4	Magnesium	mg/Kg	2400 J	3100 J	1000 U
7439-96-5	Manganese	mg/Kg	100 J	160 J	15 U
7439-97-6	Mercury	mg/Kg	0.09 J	0.023 J	0.2 U
7440-02-0	Nickel	mg/Kg	7.9 J	7.2 J	20 U
7440-09-7	Potassium	mg/Kg	820 J	1800 J	1000 U
7782-49-2	Selenium	mg/Kg	2.1 UJ	2.3 UJ	20 U
7440-22-4	Silver	mg/Kg	1.1 UJ	1.2 UJ	10 U
7440-23-5	Sodium	mg/Kg	170 UJ	180 UJ	7700
7440-28-0	Thallium	mg/Kg	1.1 UJ	1.2 UJ	10 U
7440-62-2	Vanadium	mg/Kg	12 J	19 J	10 U
7440-66-6	Zinc	mg/Kg	44 J	17 J	20 U
57-12-5	Total Cyanide	mg/Kg	19	6.5	30
	OTHER				
	Total Solids	mg/Kg	88	85	

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700957		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14 (7-9') 010700957-2 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (7-9') 010700957-3 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (17-19') 010700957-4 17-19' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	022807FB 010700957-1 EMSL Analytical 10700957 Water 2/28/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	VOLATILES					
75-71-8	Dichlorodifluoromethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
74-87-3	Chloromethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-01-4	Vinyl chloride	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
74-83-9	Bromomethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	5 UJ
75-00-3	Chloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-69-4	Trichlorofluoromethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
107-02-8	Acrolein	mg/Kg	R	0.06 U	R	R
76-13-1	Freon 113(1,1,2-Trichlorotrifluoro	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-35-4	1,1-Dichloroethene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
67-64-1	Acetone	mg/Kg	0.012 UJ	0.012 UJ	0.011 UJ	2 UJ
75-15-0	Carbon disulfide	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-09-2	Methylene chloride	mg/Kg	0.0041 UJ	0.0019 J	0.0027 UJ	R
75-65-0	tert-Butyl Alcohol	mg/Kg	R	0.011 J	R	R
156-60-5	trans-1,2-Dichloroethene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
1634-04-4	Methyl-tert butyl ether	mg/Kg	0.0012 U	0.0012 U	0.0064	1 UJ
107-13-1	Acrylonitrile	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-34-3	1,1-Dichloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
108-05-4	Vinyl acetate	mg/Kg	0.012 U	0.012 U	0.011 U	10 UJ
590-20-7	2,2-Dichloropropane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
156-59-2	cis-1,2-Dichloroethene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
78-93-3	2-Butanone	mg/Kg	0.0024 U	0.0024 UJ	0.0022 U	2 UJ
74-97-5	Bromochloromethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
67-66-3	Chloroform	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
71-55-6	1,1,1-Trichloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
56-23-5	Carbon tetrachloride	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
563-58-6	1,1-Dichloropropene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
71-43-2	Benzene	mg/Kg	0.00059 U	0.0006 U	0.00056 U	0.5 UJ
107-06-2	1,2-Dichloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
79-01-6	Trichloroethene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
74-95-3	Dibromomethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-27-4	Bromodichloromethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
10061-01-5	cis-1,3-Dichloropropene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
108-10-1	4-Methyl-2-pentanone	mg/Kg	0.012 U	0.012 U	0.011 U	10 UJ
108-88-3	Toluene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
10061-02-6	trans-1,3-Dichloropropene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
79-00-5	1,1,2-Trichloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700957		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14 (7-9') 010700957-2 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (7-9') 010700957-3 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (17-19') 010700957-4 17-19' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	022807FB 010700957-1 EMSL Analytical 10700957 Water 2/28/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	VOLATILES					
127-18-4	Tetrachloroethene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
142-28-9	1,3-Dichloropropane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
591-78-6	2-Hexanone	mg/Kg	0.012 U	0.012 UJ	0.011 U	10 UJ
124-48-1	Dibromochloromethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
106-93-4	1,2-Dibromoethane	mg/Kg	0.0012 U	0.0012 UJ	0.0011 U	1 UJ
108-90-7	Chlorobenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
630-20-6	1,1,1,2-Tetrachloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
100-41-4	Ethylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
108-38-3	Xylene (para & meta)	mg/Kg	0.0012 U	0.0012 U	0.0011 U	2.7 J
95-47-6	Xylene (Ortho)	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
100-42-5	Styrene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
75-25-2	Bromoform	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
98-82-8	Isopropylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
108-86-1	Bromobenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
79-34-5	1,1,2,2-Tetrachloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
96-18-4	1,2,3-Trichloropropane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
103-65-1	n-Propylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
110-57-6	trans-1,4-Dichloro-2-butene	mg/Kg	0.0024 U	0.0024 U	0.0022 U	2 UJ
95-49-8	2-Chlorotoluene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
106-43-4	4-Chlorotoluene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
108-67-8	1,3,5-Trimethylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
98-06-6	tert-Butylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
95-63-6	1,2,4-Trimethylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
135-98-8	sec-Butylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
99-87-6	4-Isopropyltoluene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
104-51-8	n-Butylbenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
67-72-1	Hexachloroethane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
96-12-8	1,2-Dibromo-3-chloropropane	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.0012 U	0.0012 UJ	0.0011 U	1 UJ
87-68-3	Hexachlorobutadiene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ
91-20-3	Naphthalene	mg/Kg	0.0012 U	0.0012 UJ	0.0011 U	1 UJ
87-61-6	1,2,3-Trichlorobenzene	mg/Kg	0.0012 U	0.0012 U	0.0011 U	1 UJ

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700957		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14 (7-9') 010700957-2 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (7-9') 010700957-3 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (17-19') 010700957-4 17-19' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	022807FB 010700957-1 EMSL Analytical 10700957 Water 2/28/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	SEMIVOLATILES					
62-75-9	N-nitrosodimethylamine	mg/Kg	0.016 U		0.015 U	0.21 U
108-95-2	Phenol	mg/Kg	0.049 U		0.047 U	1.5 U
100-51-6	Benzyl alcohol	mg/Kg	0.2 U		0.19 U	5.3 U
111-44-4	bis(2-Chloroethyl)ether	mg/Kg	0.028 U		0.027 U	1.1 U
95-57-8	2-Chlorophenol	mg/Kg	0.029 U		0.027 U	0.78 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0094 U		0.009 U	0.37 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.011 U		0.01 U	0.37 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.012 U		0.012 U	0.31 U
95-48-7	2-Methylphenol	mg/Kg	0.016 U		0.015 U	0.75 U
39638-32-9	bis(2-chloroisopropyl)ether	mg/Kg	0.012 U		0.011 U	0.48 U
106-44-5	3+4-Methylphenol	mg/Kg	0.012 U		0.012 U	0.58 U
621-64-7	N-Nitroso-Di-n-propylamine	mg/Kg	0.015 U		0.015 U	0.47 U
67-72-1	Hexachloroethane	mg/Kg	0.011 U		0.011 U	0.34 U
98-95-3	Nitrobenzene	mg/Kg	0.01 U		0.0097 U	0.53 U
78-59-1	Isophorone	mg/Kg	0.015 U		0.014 U	0.28 U
88-75-5	2-Nitrophenol	mg/Kg	0.047 U		0.045 U	2.1 U
105-67-9	2,4-Dimethylphenol	mg/Kg	0.037 U		0.035 U	1.5 U
111-91-1	bis(2-Chloroethoxy)methane	mg/Kg	0.016 U		0.015 U	0.38 U
120-83-2	2,4-Dichlorophenol	mg/Kg	0.049 U		0.047 U	2.4 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.016 U		0.015 U	0.48 U
91-20-3	Naphthalene	mg/Kg	0.009 U		0.0086 U	0.23 U
106-47-8	4-Chloroaniline	mg/Kg	0.021 U		0.02 U	0.52 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.016 U		0.015 U	0.45 U
59-50-7	4-Chloro-3-methylphenol	mg/Kg	0.051 U		0.048 U	1.4 U
91-58-7	2-Chloronaphthalene	mg/Kg	0.016 U		0.016 U	0.41 U
91-57-6	2-Methylnaphthalene	mg/Kg	0.018 U		0.017 U	0.65 U
77-47-4	Hexachlorocyclopentadiene	mg/Kg	0.013 U		0.012 U	1.4 U
88-06-2	2,4,6-Trichlorophenol	mg/Kg	0.049 U		0.047 U	2.9 U
95-95-4	2,4,5-Trichlorophenol	mg/Kg	0.018 U		0.017 U	1.3 U
88-74-4	2-Nitroaniline	mg/Kg	0.015 U		0.015 U	0.81 U
131-11-3	Dimethylphthalate	mg/Kg	0.017 U		0.016 U	0.33 U
208-96-8	Acenaphthylene	mg/Kg	0.0098 U		0.0093 U	0.21 U
606-20-2	2,6-Dinitrotoluene	mg/Kg	0.013 U		0.012 U	0.31 U
99-09-2	3-Nitroaniline	mg/Kg	0.023 U		0.022 U	0.52 U
83-32-9	Acenaphthene	mg/Kg	0.01 U		0.0097 U	0.26 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700957		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14 (7-9') 010700957-2 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (7-9') 010700957-3 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (17-19') 010700957-4 17-19' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	022807FB 010700957-1 EMSL Analytical 10700957 Water 2/28/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	SEMIVOLATILES					
51-28-5	2,4-Dinitrophenol	mg/Kg	0.041 UJ		0.039 UJ	1.6 UJ
100-02-7	4-Nitrophenol	mg/Kg	0.082 U		0.078 U	3.3 U
132-64-9	Dibenzofuran	mg/Kg	0.023 U		0.022 U	0.74 U
121-14-2	2,4-Dinitrotoluene	mg/Kg	0.016 U		0.015 U	0.46 U
84-66-2	Diethylphthalate	mg/Kg	0.018 U		0.017 U	0.41 U
86-73-7	Fluorene	mg/Kg	0.01 U		0.0097 U	0.32 U
7005-72-3	4-Chlorophenyl-phenylether	mg/Kg	0.019 U		0.018 U	0.35 U
100-01-6	4-Nitroaniline	mg/Kg	0.018 U		0.018 U	0.74 U
534-52-1	4,6-Dinitro-2-methylphenol	mg/Kg	0.04 UJ		0.038 UJ	2.2 UJ
86-30-6	n-Nitrosodiphenylamine	mg/Kg	0.011 U		0.01 U	0.32 U
122-66-7	1,2-Diphenylhydrazine (as azoben	mg/Kg	0.082 U		0.078 U	1.7 U
101-55-3	4-Bromophenyl-phenylether	mg/Kg	0.018 U		0.017 U	0.43 U
118-74-1	Hexachlorobenzene	mg/Kg	0.018 U		0.017 U	0.53 U
87-86-5	Pentachlorophenol	mg/Kg	0.055 U		0.052 U	2.7 U
85-01-8	Phenanthrene	mg/Kg	0.056		0.015 U	0.28 U
120-12-7	Anthracene	mg/Kg	0.013		0.0071 U	0.39 U
86-74-8	Carbazole	mg/Kg	0.018 U		0.017 U	0.32 U
84-74-2	Di-n-butylphthalate	mg/Kg	0.15		0.2	1.7 U
206-44-0	Fluoranthene	mg/Kg	0.081		0.011 U	0.23 U
92-87-5	Benzidine	mg/Kg	0.42 U		0.4 U	0.71 U
129-00-0	Pyrene	mg/Kg	0.088		0.011 U	0.21 U
85-68-7	Butylbenzylphthalate	mg/Kg	0.097 U		0.093 U	0.25 U
56-55-3	Benzo[a]anthracene	mg/Kg	0.046		0.012 U	0.27 U
91-94-1	3,3'-Dichlorobenzidine	mg/Kg	0.05 U		0.048 U	1.3 U
218-01-9	Chrysene	mg/Kg	0.049		0.012 U	0.21 U
117-81-7	bis(2-Ethylhexyl)phthalate	mg/Kg	0.1 U		0.049 U	0.58 U
117-84-0	Di-n-octylphthalate	mg/Kg	0.015 U		0.015 U	0.26 U
205-99-2	Benzo[b]fluoranthene	mg/Kg	0.021		0.009 U	0.22 U
207-08-9	Benzo[k]fluoranthene	mg/Kg	0.029		0.013 U	0.29 U
50-32-8	Benzo[a]pyrene	mg/Kg	0.031		0.0075 U	0.25 U
193-39-5	Indeno[1,2,3-cd]pyrene	mg/Kg	0.021		0.013 U	0.24 U
53-70-3	Dibenz[a,h]anthracene	mg/Kg	0.012 U		0.012 U	0.34 U
191-24-2	Benzo[g,h,i]perylene	mg/Kg	0.027		0.012 U	0.22 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700957		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14 (7-9') 010700957-2 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (7-9') 010700957-3 7-9' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	SB-49 (17-19') 010700957-4 17-19' EMSL Analytical 10700957 Soil 2/28/2007 6/19/2007	022807FB 010700957-1 EMSL Analytical 10700957 Water 2/28/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	INORGANICS					
7429-90-5	Aluminum	mg/Kg	6200 J		4400 J	100 U
7440-36-0	Antimony	mg/Kg	2.2 UJ		2.1 UJ	20 U
7440-38-2	Arsenic	mg/Kg	2.2 J		1.3 J	8 U
7440-39-3	Barium	mg/Kg	95 J		49 J	100 U
7440-41-7	Beryllium	mg/Kg	0.43 UJ		0.41 UJ	4 U
7440-43-9	Cadmium	mg/Kg	0.43 UJ		0.41 UJ	4 U
7440-70-2	Calcium	mg/Kg	1300 J		1200 J	1000 U
7440-47-3	Chromium	mg/Kg	13 J		10 J	10 U
7440-48-4	Cobalt	mg/Kg	4.6 J		3.9 J	10 U
7440-50-8	Copper	mg/Kg	16 J		7.5 J	20 U
7439-89-6	Iron	mg/Kg	19000 J		11000 J	100 U
7439-92-1	Lead	mg/Kg	8.8 J		4.6 J	10 U
7439-95-4	Magnesium	mg/Kg	2500 J		1500 J	1000 UJ
7439-96-5	Manganese	mg/Kg	R		180 J	15 U
7439-97-6	Mercury	mg/Kg	0.034 J		0.022 UJ	0.2 U
7440-02-0	Nickel	mg/Kg	11 J		10 J	20 U
7440-09-7	Potassium	mg/Kg	730 J		930 J	1000 UJ
7782-49-2	Selenium	mg/Kg	2.2 UJ		2.1 UJ	20 U
7440-22-4	Silver	mg/Kg	2 J		1 UJ	10 UJ
7440-23-5	Sodium	mg/Kg	310 UJ		100 UJ	1000 U
7440-28-0	Thallium	mg/Kg	1.1 UJ		1 UJ	10 U
7440-62-2	Vanadium	mg/Kg	13 J		14 J	10 U
7440-66-6	Zinc	mg/Kg	25 J		17 J	20 U
57-12-5	Total Cyanide	mg/Kg	0.59 U		0.56 U	20 U
	OTHER					
	Total Solids	mg/Kg	85	83	89	

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700970		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-17 (5-7') 010700970-1 5-7' EMSL Analytical 10700970 Soil 3/1/2007 6/19/2007	030107FB 010700970-1 EMSL Analytical 10700970 Water 3/1/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:		ug/L
	VOLATILES			
75-71-8	Dichlorodifluoromethane	mg/Kg	0.0012 U	1 UJ
74-87-3	Chloromethane	mg/Kg	0.0012 U	1 U
75-01-4	Vinyl chloride	mg/Kg	0.0012 U	1 U
74-83-9	Bromomethane	mg/Kg	0.0012 U	5 U
75-00-3	Chloroethane	mg/Kg	0.0012 U	1 U
75-69-4	Trichlorofluoromethane	mg/Kg	0.0012 U	1 U
107-02-8	Acrolein	mg/Kg	R	R
76-13-1	Freon 113(1,1,2-Trichlorotrifluoro	mg/Kg	0.0012 U	1 U
75-35-4	1,1-Dichloroethene	mg/Kg	0.0012 U	1 U
67-64-1	Acetone	mg/Kg	0.012 UJ	2 UJ
75-15-0	Carbon disulfide	mg/Kg	0.0012 U	1 U
75-09-2	Methylene chloride	mg/Kg	0.016 J	R
75-65-0	tert-Butyl Alcohol	mg/Kg	R	R
156-60-5	trans-1,2-Dichloroethene	mg/Kg	0.0012 U	1 U
1634-04-4	Methyl-tert butyl ether	mg/Kg	0.0012 U	1 U
107-13-1	Acrylonitrile	mg/Kg	0.0012 U	1 U
75-34-3	1,1-Dichloroethane	mg/Kg	0.0012 U	1 U
108-05-4	Vinyl acetate	mg/Kg	0.012 U	10 U
590-20-7	2,2-Dichloropropane	mg/Kg	0.0012 U	1 U
156-59-2	cis-1,2-Dichloroethene	mg/Kg	0.0012 U	1 U
78-93-3	2-Butanone	mg/Kg	0.0023 U	2 U
74-97-5	Bromochloromethane	mg/Kg	0.0012 U	1 U
67-66-3	Chloroform	mg/Kg	0.0012 U	1 U
71-55-6	1,1,1-Trichloroethane	mg/Kg	0.0012 U	1 U
56-23-5	Carbon tetrachloride	mg/Kg	0.0012 U	1 U
563-58-6	1,1-Dichloropropene	mg/Kg	0.0012 U	1 U
71-43-2	Benzene	mg/Kg	0.00058 U	0.5 U
107-06-2	1,2-Dichloroethane	mg/Kg	0.0012 U	1 U
79-01-6	Trichloroethene	mg/Kg	0.0012 U	1 U
74-95-3	Dibromomethane	mg/Kg	0.0012 U	1 U
75-27-4	Bromodichloromethane	mg/Kg	0.0012 U	1 U
10061-01-5	cis-1,3-Dichloropropene	mg/Kg	0.0012 U	1 U
108-10-1	4-Methyl-2-pentanone	mg/Kg	0.012 U	10 U
108-88-3	Toluene	mg/Kg	0.0012 U	1 U
10061-02-6	trans-1,3-Dichloropropene	mg/Kg	0.0012 U	1 U
79-00-5	1,1,2-Trichloroethane	mg/Kg	0.0012 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700970		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-17 (5-7') 010700970-1 5-7' EMSL Analytical 10700970 Soil 3/1/2007 6/19/2007	030107FB 010700970-1 EMSL Analytical 10700970 Water 3/1/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:		ug/L
	VOLATILES			
127-18-4	Tetrachloroethene	mg/Kg	0.0012 U	1 U
142-28-9	1,3-Dichloropropane	mg/Kg	0.0012 U	1 U
591-78-6	2-Hexanone	mg/Kg	0.012 U	10 U
124-48-1	Dibromochloromethane	mg/Kg	0.0012 U	1 U
106-93-4	1,2-Dibromoethane	mg/Kg	0.0012 U	1 U
108-90-7	Chlorobenzene	mg/Kg	0.0012 U	1 U
630-20-6	1,1,1,2-Tetrachloroethane	mg/Kg	0.0012 U	1 U
100-41-4	Ethylbenzene	mg/Kg	0.0012 U	1 U
108-38-3	Xylene (para & meta)	mg/Kg	0.0012 U	1 U
95-47-6	Xylene (Ortho)	mg/Kg	0.0012 U	1 U
100-42-5	Styrene	mg/Kg	0.0012 U	1 U
75-25-2	Bromoform	mg/Kg	0.0012 U	1 U
98-82-8	Isopropylbenzene	mg/Kg	0.0012	1 U
108-86-1	Bromobenzene	mg/Kg	0.0012 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	mg/Kg	0.0012 U	1 U
96-18-4	1,2,3-Trichloropropane	mg/Kg	0.0012 U	1 U
103-65-1	n-Propylbenzene	mg/Kg	0.0012 U	1 U
110-57-6	trans-1,4-Dichloro-2-butene	mg/Kg	0.0023 U	2 U
95-49-8	2-Chlorotoluene	mg/Kg	0.0012 U	1 U
106-43-4	4-Chlorotoluene	mg/Kg	0.0012 U	1 U
108-67-8	1,3,5-Trimethylbenzene	mg/Kg	0.0054	1 U
98-06-6	tert-Butylbenzene	mg/Kg	0.0012 U	1 U
95-63-6	1,2,4-Trimethylbenzene	mg/Kg	0.015	1 U
135-98-8	sec-Butylbenzene	mg/Kg	0.0017	1 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0012 U	1 U
99-87-6	4-Isopropyltoluene	mg/Kg	0.0012 U	1 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.0012 U	1 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.0012 U	1 U
104-51-8	n-Butylbenzene	mg/Kg	0.0044	1 U
67-72-1	Hexachloroethane	mg/Kg	0.0012 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	mg/Kg	0.0012 U	1 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.0012 U	1 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.0012 U	1 U
91-20-3	Naphthalene	mg/Kg	0.0067	1 U
87-61-6	1,2,3-Trichlorobenzene	mg/Kg	0.0012 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700970		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-17 (5-7') 010700970-1 5-7' EMSL Analytical 10700970 Soil 3/1/2007 6/19/2007	030107FB 010700970-1 EMSL Analytical 10700970 Water 3/1/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:		ug/L
	SEMIVOLATILES			
62-75-9	N-nitrosodimethylamine	mg/Kg	0.016 U	0.21 U
108-95-2	Phenol	mg/Kg	0.048 U	1.5 U
100-51-6	Benzyl alcohol	mg/Kg	0.19 U	5.3 U
111-44-4	bis(2-Chloroethyl)ether	mg/Kg	0.028 U	1.1 U
95-57-8	2-Chlorophenol	mg/Kg	0.028 U	0.79 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0093 U	0.37 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.011 U	0.37 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.012 U	0.31 U
95-48-7	2-Methylphenol	mg/Kg	0.016 U	0.76 U
39638-32-9	bis(2-chloroisopropyl)ether	mg/Kg	0.012 U	0.49 U
106-44-5	3+4-Methylphenol	mg/Kg	0.012 U	0.59 U
621-64-7	N-Nitroso-Di-n-propylamine	mg/Kg	0.015 U	0.48 U
67-72-1	Hexachloroethane	mg/Kg	0.011 U	0.34 U
98-95-3	Nitrobenzene	mg/Kg	0.01 U	0.53 U
78-59-1	Isophorone	mg/Kg	0.015 U	0.29 U
88-75-5	2-Nitrophenol	mg/Kg	0.047 U	2.1 U
105-67-9	2,4-Dimethylphenol	mg/Kg	0.037 U	1.5 U
111-91-1	bis(2-Chloroethoxy)methane	mg/Kg	0.016 U	0.38 U
120-83-2	2,4-Dichlorophenol	mg/Kg	0.048 U	2.4 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.016 U	0.49 U
91-20-3	Naphthalene	mg/Kg	0.033	0.23 U
106-47-8	4-Chloroaniline	mg/Kg	0.021 U	0.52 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.016 U	0.46 U
59-50-7	4-Chloro-3-methylphenol	mg/Kg	0.05 U	1.4 U
91-58-7	2-Chloronaphthalene	mg/Kg	0.016 U	0.41 U
91-57-6	2-Methylnaphthalene	mg/Kg	0.36	0.66 U
77-47-4	Hexachlorocyclopentadiene	mg/Kg	0.013 U	1.4 U
88-06-2	2,4,6-Trichlorophenol	mg/Kg	0.048 U	2.9 U
95-95-4	2,4,5-Trichlorophenol	mg/Kg	0.018 U	1.3 U
88-74-4	2-Nitroaniline	mg/Kg	0.015 U	0.82 U
131-11-3	Dimethylphthalate	mg/Kg	0.017 U	0.33 U
208-96-8	Acenaphthylene	mg/Kg	0.0097 U	0.21 U
606-20-2	2,6-Dinitrotoluene	mg/Kg	0.012 U	0.31 U
99-09-2	3-Nitroaniline	mg/Kg	0.022 U	0.52 U
83-32-9	Acenaphthene	mg/Kg	0.043 U	0.27 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700970		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-17 (5-7') 010700970-1 5-7' EMSL Analytical 10700970 Soil 3/1/2007 6/19/2007	030107FB 010700970-1 EMSL Analytical 10700970 Water 3/1/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:		ug/L
	SEMIVOLATILES			
51-28-5	2,4-Dinitrophenol	mg/Kg	0.04 UJ	1.6 UJ
100-02-7	4-Nitrophenol	mg/Kg	0.081 U	3.3 U
132-64-9	Dibenzofuran	mg/Kg	0.023 U	0.74 U
121-14-2	2,4-Dinitrotoluene	mg/Kg	0.016 U	0.47 U
84-66-2	Diethylphthalate	mg/Kg	0.018 U	0.41 U
86-73-7	Fluorene	mg/Kg	0.064	0.32 U
7005-72-3	4-Chlorophenyl-phenylether	mg/Kg	0.019 U	0.35 U
100-01-6	4-Nitroaniline	mg/Kg	0.018 U	0.74 U
534-52-1	4,6-Dinitro-2-methylphenol	mg/Kg	0.04 UJ	2.2 UJ
86-30-6	n-Nitrosodiphenylamine	mg/Kg	0.01 U	0.31 U
122-66-7	1,2-Diphenylhydrazine (as azoben	mg/Kg	0.081 U	1.7 U
101-55-3	4-Bromophenyl-phenylether	mg/Kg	0.017 U	0.44 U
118-74-1	Hexachlorobenzene	mg/Kg	0.018 U	0.53 U
87-86-5	Pentachlorophenol	mg/Kg	0.054 U	2.7 U
85-01-8	Phenanthrene	mg/Kg	0.18	0.29 U
120-12-7	Anthracene	mg/Kg	0.029	0.39 U
86-74-8	Carbazole	mg/Kg	0.018 U	0.32 U
84-74-2	Di-n-butylphthalate	mg/Kg	0.021 U	1.7 U
206-44-0	Fluoranthene	mg/Kg	0.035	0.23 U
92-87-5	Benzidine	mg/Kg	0.41 U	0.71 U
129-00-0	Pyrene	mg/Kg	0.051	0.21 U
85-68-7	Butylbenzylphthalate	mg/Kg	0.096 U	0.26 U
56-55-3	Benzo[a]anthracene	mg/Kg	0.014	0.28 U
91-94-1	3,3'-Dichlorobenzidine	mg/Kg	0.05 U	1.4 U
218-01-9	Chrysene	mg/Kg	0.026	0.21 U
117-81-7	bis(2-Ethylhexyl)phthalate	mg/Kg	0.17 U	0.59 U
117-84-0	Di-n-octylphthalate	mg/Kg	0.015 U	0.27 U
205-99-2	Benzo[b]fluoranthene	mg/Kg	0.0093 U	0.22 U
207-08-9	Benzo[k]fluoranthene	mg/Kg	0.013 U	0.3 U
50-32-8	Benzo[a]pyrene	mg/Kg	0.0078 U	0.26 U
193-39-5	Indeno[1,2,3-cd]pyrene	mg/Kg	0.014 U	0.24 U
53-70-3	Dibenz[a,h]anthracene	mg/Kg	0.012 U	0.34 U
191-24-2	Benzo[g,h,i]perylene	mg/Kg	0.013 U	0.22 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010700970		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-17 (5-7') 010700970-1 5-7' EMSL Analytical 10700970 Soil 3/1/2007 6/19/2007	030107FB 010700970-1 EMSL Analytical 10700970 Water 3/1/2007 6/19/2007
CAS NO.	COMPOUND	UNITS:		ug/L
	INORGANICS			
7429-90-5	Aluminum	mg/Kg	3200	100 U
7440-36-0	Antimony	mg/Kg	2.3 UJ	20 U
7440-38-2	Arsenic	mg/Kg	0.91 UJ	8 U
7440-39-3	Barium	mg/Kg	28	100 U
7440-41-7	Beryllium	mg/Kg	0.45 U	4 U
7440-43-9	Cadmium	mg/Kg	0.45 U	4 U
7440-70-2	Calcium	mg/Kg	7300 J	1000 U
7440-47-3	Chromium	mg/Kg	13	10 U
7440-48-4	Cobalt	mg/Kg	2.8	10 U
7440-50-8	Copper	mg/Kg	7	20 U
7439-89-6	Iron	mg/Kg	9900 J	100 U
7439-92-1	Lead	mg/Kg	7.6	10 U
7439-95-4	Magnesium	mg/Kg	6800 J	1000 UJ
7439-96-5	Manganese	mg/Kg	160 J	15 U
7439-97-6	Mercury	mg/Kg	0.022 U	0.2 U
7440-02-0	Nickel	mg/Kg	5.4 J	20 U
7440-09-7	Potassium	mg/Kg	740 J	1000 UJ
7782-49-2	Selenium	mg/Kg	2.3 UJ	20 U
7440-22-4	Silver	mg/Kg	1.1 UJ	10 UJ
7440-23-5	Sodium	mg/Kg	160	1000 UJ
7440-28-0	Thallium	mg/Kg	1.1 U	10 U
7440-62-2	Vanadium	mg/Kg	15 J	10 U
7440-66-6	Zinc	mg/Kg	11 J	20 U
57-12-5	Total Cyanide	mg/Kg	0.58 U	20 U
	OTHER			
	Total Solids	%	86	

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010701015		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (8-10') 010701015-3 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-11 (18-20') 010701015-4 18-20' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-12 (8-10') 010701015-2 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	030207FB 010701015-1 EMSL Analytical 10701015 Water 3/2/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	VOLATILES					
75-71-8	Dichlorodifluoromethane	mg/Kg	0.0011 U	0.0012 UJ	0.0013 U	1 U
74-87-3	Chloromethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-01-4	Vinyl chloride	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
74-83-9	Bromomethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	5 U
75-00-3	Chloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-69-4	Trichlorofluoromethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
107-02-8	Acrolein	mg/Kg	0.056 U	0.059 U	R	R
76-13-1	Freon 113(1,1,2-Trichlorotrifluoro	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-35-4	1,1-Dichloroethene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
67-64-1	Acetone	mg/Kg	0.011 UJ	0.0029 J	0.013 UJ	2 UJ
75-15-0	Carbon disulfide	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-09-2	Methylene chloride	mg/Kg	0.0018 J	0.0013 J	0.0074 J	R
75-65-0	tert-Butyl Alcohol	mg/Kg	R	R	R	R
156-60-5	trans-1,2-Dichloroethene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
1634-04-4	Methyl-tert butyl ether	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
107-13-1	Acrylonitrile	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-34-3	1,1-Dichloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
108-05-4	Vinyl acetate	mg/Kg	0.011 U	0.012 U	0.013 U	10 U
590-20-7	2,2-Dichloropropane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
156-59-2	cis-1,2-Dichloroethene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
78-93-3	2-Butanone	mg/Kg	0.0022 UJ	0.0024 UJ	0.0025 U	2 UJ
74-97-5	Bromochloromethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
67-66-3	Chloroform	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
71-55-6	1,1,1-Trichloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
56-23-5	Carbon tetrachloride	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
563-58-6	1,1-Dichloropropene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
71-43-2	Benzene	mg/Kg	0.003	0.00059 U	0.00063 U	0.5 U
107-06-2	1,2-Dichloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
79-01-6	Trichloroethene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
74-95-3	Dibromomethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-27-4	Bromodichloromethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
10061-01-5	cis-1,3-Dichloropropene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
108-10-1	4-Methyl-2-pentanone	mg/Kg	0.011 U	0.012 U	0.013 U	10 U
108-88-3	Toluene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
10061-02-6	trans-1,3-Dichloropropene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
79-00-5	1,1,2-Trichloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010701015		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (8-10') 010701015-3 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-11 (18-20') 010701015-4 18-20' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-12 (8-10') 010701015-2 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	030207FB 010701015-1 EMSL Analytical 10701015 Water 3/2/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	VOLATILES					
127-18-4	Tetrachloroethene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
142-28-9	1,3-Dichloropropane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
591-78-6	2-Hexanone	mg/Kg	0.011 UJ	0.012 U	0.013 U	10 U
124-48-1	Dibromochloromethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
106-93-4	1,2-Dibromoethane	mg/Kg	0.0011 UJ	0.0012 U	0.0013 U	1 U
108-90-7	Chlorobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
630-20-6	1,1,1,2-Tetrachloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
100-41-4	Ethylbenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
108-38-3	Xylene (para & meta)	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
95-47-6	Xylene (Ortho)	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
100-42-5	Styrene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
75-25-2	Bromoform	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
98-82-8	Isopropylbenzene	mg/Kg	0.0014	0.0012 U	0.0013 U	1 U
108-86-1	Bromobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
96-18-4	1,2,3-Trichloropropane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
103-65-1	n-Propylbenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
110-57-6	trans-1,4-Dichloro-2-butene	mg/Kg	0.0022 U	0.0024 U	0.0025 U	2 U
95-49-8	2-Chlorotoluene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
106-43-4	4-Chlorotoluene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 UJ
108-67-8	1,3,5-Trimethylbenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
98-06-6	tert-Butylbenzene	mg/Kg	0.0012	0.0012 U	0.0013 U	1 U
95-63-6	1,2,4-Trimethylbenzene	mg/Kg	0.0015 J	0.0012 U	0.0013 U	1 U
135-98-8	sec-Butylbenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
99-87-6	4-Isopropyltoluene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
104-51-8	n-Butylbenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
67-72-1	Hexachloroethane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U
91-20-3	Naphthalene	mg/Kg	0.028 J	0.0024	0.0013 U	1 U
87-61-6	1,2,3-Trichlorobenzene	mg/Kg	0.0011 U	0.0012 U	0.0013 U	1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010701015		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (8-10') 010701015-3 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-11 (18-20') 010701015-4 18-20' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-12 (8-10') 010701015-2 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	030207FB 010701015-1 EMSL Analytical 10701015 Water 3/2/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	SEMIVOLATILES					
62-75-9	N-nitrosodimethylamine	mg/Kg	0.015 U	0.016 U	0.017 U	0.2 U
108-95-2	Phenol	mg/Kg	0.047 U	0.049 U	0.052 U	1.5 U
100-51-6	Benzyl alcohol	mg/Kg	0.19 U	0.2 U	0.21 U	5.1 U
111-44-4	bis(2-Chloroethyl)ether	mg/Kg	0.027 U	0.028 U	0.029 U	1.1 U
95-57-8	2-Chlorophenol	mg/Kg	0.027 U	0.029 U	0.03 U	0.76 U
541-73-1	1,3-Dichlorobenzene	mg/Kg	0.009 U	0.0094 U	0.01 U	0.36 U
106-46-7	1,4-Dichlorobenzene	mg/Kg	0.01 U	0.011 U	0.012 U	0.36 U
95-50-1	1,2-Dichlorobenzene	mg/Kg	0.012 U	0.012 U	0.013 U	0.3 U
95-48-7	2-Methylphenol	mg/Kg	0.015 U	0.016 U	0.017 U	0.72 U
39638-32-9	bis(2-chloroisopropyl)ether	mg/Kg	0.011 UJ	0.012 UJ	0.012 UJ	0.47 UJ
106-44-5	3+4-Methylphenol	mg/Kg	0.012 U	0.012 U	0.013 U	0.56 U
621-64-7	N-Nitroso-Di-n-propylamine	mg/Kg	0.015 U	0.015 U	0.016 U	0.46 U
67-72-1	Hexachloroethane	mg/Kg	0.011 U	0.011 U	0.012 U	0.33 U
98-95-3	Nitrobenzene	mg/Kg	0.0097 U	0.01 U	0.011 U	0.51 U
78-59-1	Isophorone	mg/Kg	0.014 U	0.015 U	0.016 U	0.28 U
88-75-5	2-Nitrophenol	mg/Kg	0.045 U	0.047 U	0.05 U	2 U
105-67-9	2,4-Dimethylphenol	mg/Kg	0.035 U	0.037 U	0.039 U	1.5 U
111-91-1	bis(2-Chloroethoxy)methane	mg/Kg	0.015 U	0.016 U	0.017 U	0.37 U
120-83-2	2,4-Dichlorophenol	mg/Kg	0.047 U	0.049 U	0.052 U	2.3 U
120-82-1	1,2,4-Trichlorobenzene	mg/Kg	0.015 U	0.016 U	0.017 U	0.47 U
91-20-3	Naphthalene	mg/Kg	1	0.009 U	0.0096 U	0.22 U
106-47-8	4-Chloroaniline	mg/Kg	0.02 U	0.021 U	0.022 U	0.5 U
87-68-3	Hexachlorobutadiene	mg/Kg	0.015 U	0.016 U	0.017 U	0.44 U
59-50-7	4-Chloro-3-methylphenol	mg/Kg	0.048 U	0.051 U	0.054 U	1.3 U
91-58-7	2-Chloronaphthalene	mg/Kg	0.016 U	0.016 U	0.017 U	0.4 U
91-57-6	2-Methylnaphthalene	mg/Kg	4.9	0.018 U	0.019 U	0.63 U
77-47-4	Hexachlorocyclopentadiene	mg/Kg	0.012 U	0.013 U	0.014 U	1.3 U
88-06-2	2,4,6-Trichlorophenol	mg/Kg	0.047 U	0.049 U	0.052 U	2.8 U
95-95-4	2,4,5-Trichlorophenol	mg/Kg	0.017 U	0.018 U	0.019 U	1.2 U
88-74-4	2-Nitroaniline	mg/Kg	0.015 U	0.015 U	0.016 U	0.79 U
131-11-3	Dimethylphthalate	mg/Kg	0.016 U	0.017 U	0.018 U	0.32 U
208-96-8	Acenaphthylene	mg/Kg	0.0093 U	0.0098 U	0.01 U	0.2 U
606-20-2	2,6-Dinitrotoluene	mg/Kg	0.012 U	0.013 U	0.013 U	0.3 U
99-09-2	3-Nitroaniline	mg/Kg	0.022 U	0.023 U	0.024 U	0.5 U
83-32-9	Acenaphthene	mg/Kg	0.0097 U	0.01 U	0.011 U	0.26 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010701015		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (8-10') 010701015-3 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-11 (18-20') 010701015-4 18-20' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-12 (8-10') 010701015-2 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	030207FB 010701015-1 EMSL Analytical 10701015 Water 3/2/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	SEMIVOLATILES					
51-28-5	2,4-Dinitrophenol	mg/Kg	0.039 UJ	0.041 UJ	0.043 UJ	1.5 UJ
100-02-7	4-Nitrophenol	mg/Kg	0.078 U	0.082 U	0.087 U	3.2 U
132-64-9	Dibenzofuran	mg/Kg	0.022 U	0.023 U	0.025 U	0.71 U
121-14-2	2,4-Dinitrotoluene	mg/Kg	0.015 U	0.016 U	0.017 U	0.45 U
84-66-2	Diethylphthalate	mg/Kg	0.017 U	0.018 U	0.019 U	0.4 U
86-73-7	Fluorene	mg/Kg	0.0097 U	0.01 U	0.011 U	0.31 U
7005-72-3	4-Chlorophenyl-phenylether	mg/Kg	0.018 U	0.019 U	0.02 U	0.34 U
100-01-6	4-Nitroaniline	mg/Kg	0.018 U	0.018 U	0.02 U	0.71 U
534-52-1	4,6-Dinitro-2-methylphenol	mg/Kg	0.038 U	0.04 U	0.043 U	2.1 UJ
86-30-6	n-Nitrosodiphenylamine	mg/Kg	0.01 U	0.011 U	0.011 U	0.31 U
122-66-7	1,2-Diphenylhydrazine (as azoben	mg/Kg	0.078 U	0.082 U	0.086 U	1.6 U
101-55-3	4-Bromophenyl-phenylether	mg/Kg	0.017 U	0.018 U	0.019 U	0.42 U
118-74-1	Hexachlorobenzene	mg/Kg	0.017 U	0.018 U	0.019 U	0.51 U
87-86-5	Pentachlorophenol	mg/Kg	0.052 U	0.055 U	0.058 U	2.6 U
85-01-8	Phenanthrene	mg/Kg	1.5	0.016 U	0.017 U	0.28 U
120-12-7	Anthracene	mg/Kg	0.25	0.0075 U	0.0079 U	0.38 U
86-74-8	Carbazole	mg/Kg	0.084	0.018 U	0.019 U	0.31 U
84-74-2	Di-n-butylphthalate	mg/Kg	0.11	0.12	0.089	1.6 U
206-44-0	Fluoranthene	mg/Kg	0.32	0.012 U	0.012 U	0.22 U
92-87-5	Benzidine	mg/Kg	0.4 UJ	0.42 UJ	0.44 UJ	0.68 U
129-00-0	Pyrene	mg/Kg	0.31 J	0.011 U	0.012 U	0.2 U
85-68-7	Butylbenzylphthalate	mg/Kg	0.093 U	0.097 U	0.1 U	0.24 U
56-55-3	Benzo[a]anthracene	mg/Kg	0.14 J	0.012 U	0.013 U	0.27 U
91-94-1	3,3'-Dichlorobenzidine	mg/Kg	0.048 U	0.05 U	0.053 U	1.3 U
218-01-9	Chrysene	mg/Kg	0.19 J	0.012 U	0.013 U	0.2 U
117-81-7	bis(2-Ethylhexyl)phthalate	mg/Kg	0.25 J	0.062	0.24	0.56 U
117-84-0	Di-n-octylphthalate	mg/Kg	0.015 U	0.015 U	0.016 U	0.26 U
205-99-2	Benzo[b]fluoranthene	mg/Kg	0.12	0.0094 U	0.01 U	0.21 U
207-08-9	Benzo[k]fluoranthene	mg/Kg	0.11	0.013 U	0.014 U	0.29 U
50-32-8	Benzo[a]pyrene	mg/Kg	0.13	0.0078 U	0.0083 U	0.24 U
193-39-5	Indeno[1,2,3-cd]pyrene	mg/Kg	0.026	0.014 U	0.015 U	0.23 U
53-70-3	Dibenz[a,h]anthracene	mg/Kg	0.012 U	0.012 U	0.013 U	0.33 U
191-24-2	Benzo[g,h,i]perylene	mg/Kg	0.029	0.013 U	0.014 U	0.21 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: 010701015		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11 (8-10') 010701015-3 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-11 (18-20') 010701015-4 18-20' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	MW-12 (8-10') 010701015-2 8-10' EMSL Analytical 10701015 Soil 3/2/2007 6/20/2007	030207FB 010701015-1 EMSL Analytical 10701015 Water 3/2/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	INORGANICS					
7429-90-5	Aluminum	mg/Kg	3600 J	2900 J	8500 J	100 U
7440-36-0	Antimony	mg/Kg	2.2 UJ	2.2 UJ	2.3 UJ	20 U
7440-38-2	Arsenic	mg/Kg	1.6 J	1 J	2 J	8 UJ
7440-39-3	Barium	mg/Kg	28	26	41	100 UJ
7440-41-7	Beryllium	mg/Kg	0.44 UJ	0.44 UJ	0.46 UJ	4 U
7440-43-9	Cadmium	mg/Kg	0.44 UJ	0.44 UJ	0.46 UJ	4 U
7440-70-2	Calcium	mg/Kg	1700 J	950 J	1000 J	1000 UJ
7440-47-3	Chromium	mg/Kg	6.2	10	14	10 U
7440-48-4	Cobalt	mg/Kg	2.6 J	3 J	5 J	10 U
7440-50-8	Copper	mg/Kg	6.7 J	6.4 J	12 J	20 UJ
7439-89-6	Iron	mg/Kg	5700 J	6100 J	13000 J	100 U
7439-92-1	Lead	mg/Kg	15 J	2.4 J	5.8 J	10 U
7439-95-4	Magnesium	mg/Kg	1000	1100	2500	1000 UJ
7439-96-5	Manganese	mg/Kg	61 J	53 J	120 J	15 U
7439-97-6	Mercury	mg/Kg	0.042	0.023 U	0.023 U	0.2 U
7440-02-0	Nickel	mg/Kg	4.4 J	6.3 J	10 J	20 U
7440-09-7	Potassium	mg/Kg	290 J	520 J	890 J	1000 UJ
7782-49-2	Selenium	mg/Kg	2.2 UJ	2.2 UJ	2.3 UJ	20 U
7440-22-4	Silver	mg/Kg	1.1 UJ	1.1 UJ	1.2 UJ	10 U
7440-23-5	Sodium	mg/Kg	110 UJ	110 UJ	330 J	1000 UJ
7440-28-0	Thallium	mg/Kg	1.1 UJ	1.1 UJ	1.2 UJ	10 U
7440-62-2	Vanadium	mg/Kg	7.6 J	13 J	20 J	10 UJ
7440-66-6	Zinc	mg/Kg	18 J	11 J	30 J	20 U
57-12-5	Total Cyanide	mg/Kg	0.56 U	0.59 U	0.63 U	20 U
	OTHER					
	Total Solids	mg/Kg	89	85	80	

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2489		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15(7-9) Y2489-02 7-9' Chemtech Y2489 SOIL 4/26/2007 6/20/2007	SB-54(7-9) Y2489-03 7-9' Chemtech Y2489 SOIL 4/26/2007 6/20/2007	SB-54(9-11) Y2489-04 9-11' Chemtech Y2489 SOIL 4/26/2007 6/20/2007	042607FB Y2489-01 Chemtech Y2489 WATER 4/26/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	VOLATILES					
75-71-8	Dichlorodifluoromethane	ug/Kg	5.2 U	4.9 UJ	4.8 U	0.17 U
74-87-3	Chloromethane	ug/Kg	5.2 U	4.9 UJ	4.8 U	0.34 U
75-01-4	Vinyl chloride	ug/Kg	5 U	4.7 UJ	4.6 U	0.33 U
74-83-9	Bromomethane	ug/Kg	12 U	12 UJ	11 U	0.41 U
75-00-3	Chloroethane	ug/Kg	13 U	12 UJ	12 U	0.83 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.6 U	7.2 UJ	7 U	0.22 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	4.1 U	3.8 UJ	3.8 U	1.3 U
75-35-4	1,1-Dichloroethene	ug/Kg	3.5 U	3.3 UJ	3.2 U	0.42 U
67-64-1	Acetone	ug/Kg	34 J	66 J	36 J	R
75-15-0	Carbon Disulfide	ug/Kg	2.3 U	2.1 U	2.1 U	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	2.3 U	2.1 UJ	2.1 U	0.28 U
79-20-9	Methyl Acetate	ug/Kg	5.3 U	5 UJ	4.9 U	0.2 UJ
75-09-2	Methylene Chloride	ug/Kg	11 U	11 UJ	10 U	0.43 UJ
156-60-5	trans-1,2-Dichloroethene	ug/Kg	3.9 U	3.7 UJ	3.6 U	0.4 U
75-34-3	1,1-Dichloroethane	ug/Kg	1.6 U	1.5 UJ	1.5 U	0.38 U
110-82-7	Cyclohexane	ug/Kg	2 U	1.9 UJ	1.8 U	0.36 U
78-93-3	2-Butanone	ug/Kg	17 U	16 UJ	16 U	1.1 U
56-23-5	Carbon Tetrachloride	ug/Kg	2.7 U	2.6 UJ	2.5 U	1.1 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	2 U	1.9 UJ	1.8 U	0.29 U
67-66-3	Chloroform	ug/Kg	2.1 U	2 UJ	2 U	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	2.6 U	2.4 UJ	2.4 U	0.32 U
108-87-2	Methylcyclohexane	ug/Kg	2.6 U	2.4 UJ	2.4 U	0.34 U
71-43-2	Benzene	ug/Kg	2.4 U	2.3 UJ	2.3 U	0.39 U
107-06-2	1,2-Dichloroethane	ug/Kg	1.9 U	1.8 UJ	1.7 U	0.34 U
79-01-6	Trichloroethene	ug/Kg	1.9 U	1.8 UJ	1.7 U	0.46 U
78-87-5	1,2-Dichloropropane	ug/Kg	2.4 U	2.3 UJ	2.2 U	0.4 U
75-27-4	Bromodichloromethane	ug/Kg	2.1 U	1.9 UJ	1.9 U	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	12 U	11 UJ	11 U	1.6 U
108-88-3	Toluene	ug/Kg	2.5 U	2.3 UJ	2.3 U	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	2.2 U	2.1 UJ	2 U	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	2 U	1.9 UJ	1.9 U	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	1.8 U	1.7 UJ	1.7 U	0.41 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2489		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15(7-9) Y2489-02 7-9' Chemtech Y2489 SOIL 4/26/2007 6/20/2007	SB-54(7-9) Y2489-03 7-9' Chemtech Y2489 SOIL 4/26/2007 6/20/2007	SB-54(9-11) Y2489-04 9-11' Chemtech Y2489 SOIL 4/26/2007 6/20/2007	042607FB Y2489-01 Chemtech Y2489 WATER 4/26/2007 6/20/2007
CAS NO.	COMPOUND	UNITS:				ug/L
	VOLATILES					
591-78-6	2-Hexanone	ug/Kg	22 UJ	21 UJ	20 UJ	1.7 U
124-48-1	Dibromochloromethane	ug/Kg	1.4 U	1.3 UJ	1.3 U	0.26 U
106-93-4	1,2-Dibromoethane	ug/Kg	2.5 U	2.3 UJ	2.3 U	0.32 U
127-18-4	Tetrachloroethene	ug/Kg	4.5 U	4.2 UJ	4.1 U	0.48 UJ
108-90-7	Chlorobenzene	ug/Kg	2.2 U	2.1 UJ	2 U	0.47 U
100-41-4	Ethyl Benzene	ug/Kg	2.2 U	2 UJ	2 U	0.45 U
136777-61-2	m/p-Xylenes	ug/Kg	5.3 U	5 UJ	4.9 U	1.2 U
1330-20-7	o-Xylene	ug/Kg	2.4 U	2.2 UJ	2.2 U	0.46 U
100-42-5	Styrene	ug/Kg	2.8 U	2.6 UJ	2.6 U	0.41 U
75-25-2	Bromoform	ug/Kg	1.9 U	1.8 UJ	1.7 U	0.32 U
98-82-8	Isopropylbenzene	ug/Kg	2.5 U	2.4 UJ	2.3 U	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	1.9 U	1.8 UJ	1.8 U	0.3 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	3.4 U	3.2 UJ	3.1 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	3.3 U	3.1 UJ	3.1 U	0.54 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	2.4 U	2.2 UJ	2.2 U	0.44 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.8 U	5.4 UJ	5.3 U	0.38 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.2 U	3.9 UJ	3.9 U	0.46 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2518		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(15-17) Y2518-04 15-17' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-16(17-19) Y2518-05 17-19' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(7-9) Y2518-02 7-9' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(11-15) Y2518-03 11-15' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	042707FB Y2518-01 Chemtech Y2518 WATER 4/27/2007 6/21/2007
CAS NO.	COMPOUND	UNITS:					ug/L
	VOLATILES						
75-71-8	Dichlorodifluoromethane	ug/Kg	5.4 U	5.2 UJ	4.9 U	5.2 U	0.17 U
74-87-3	Chloromethane	ug/Kg	5.4 U	5.2 UJ	4.9 U	5.2 U	0.34 UJ
75-01-4	Vinyl chloride	ug/Kg	5.2 U	5 UJ	4.7 U	5 U	0.33 U
74-83-9	Bromomethane	ug/Kg	13 U	12 UJ	12 U	12 U	0.41 UJ
75-00-3	Chloroethane	ug/Kg	14 U	13 UJ	12 U	13 U	0.83 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	7.9 U	7.5 UJ	7.1 U	7.6 U	0.22 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	4.2 U	4 UJ	3.8 U	4 U	1.3 U
75-35-4	1,1-Dichloroethene	ug/Kg	3.6 U	3.5 UJ	3.3 U	3.5 U	0.42 U
67-64-1	Acetone	ug/Kg	76 J	65 J	19 U	35 J	R
75-15-0	Carbon Disulfide	ug/Kg	6.9 J	2.2 UJ	2.1 U	2.2 U	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	2.3 U	2.2 UJ	2.1 U	2.2 U	0.28 U
79-20-9	Methyl Acetate	ug/Kg	5.5 U	5.2 UJ	4.9 U	5.2 U	0.2 U
75-09-2	Methylene Chloride	ug/Kg	12 U	11 UJ	10 U	11 U	0.43 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.1 U	3.9 UJ	3.6 U	3.9 U	0.4 U
75-34-3	1,1-Dichloroethane	ug/Kg	1.7 U	1.6 UJ	1.5 U	1.6 U	0.38 U
110-82-7	Cyclohexane	ug/Kg	2.1 U	11 J	1.9 U	2 U	0.36 U
78-93-3	2-Butanone	ug/Kg	18 U	17 UJ	16 U	17 U	1.1 UJ
56-23-5	Carbon Tetrachloride	ug/Kg	2.8 U	2.7 UJ	2.5 U	2.7 U	1.1 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	2.1 U	2 UJ	1.9 U	2 U	0.29 U
67-66-3	Chloroform	ug/Kg	2.2 U	2.1 UJ	2 U	2.1 U	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	2.7 U	2.5 UJ	2.4 U	2.5 U	0.32 U
108-87-2	Methylcyclohexane	ug/Kg	2.7 U	63	2.4 U	2.5 U	0.34 UJ
71-43-2	Benzene	ug/Kg	2.5 U	7.4 J	2.3 U	2.4 U	0.39 U
107-06-2	1,2-Dichloroethane	ug/Kg	2 U	1.9 UJ	1.8 U	1.9 U	0.34 U
79-01-6	Trichloroethene	ug/Kg	2 U	1.9 UJ	1.8 U	1.9 U	0.46 U
78-87-5	1,2-Dichloropropane	ug/Kg	2.5 U	2.4 UJ	2.3 U	2.4 U	0.4 U
75-27-4	Bromodichloromethane	ug/Kg	2.1 U	2 UJ	1.9 U	2 U	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	13 U	12 UJ	11 U	12 U	1.6 U
108-88-3	Toluene	ug/Kg	2.6 U	2.5 UJ	2.3 U	2.5 U	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	2.3 U	2.2 UJ	2.1 U	2.2 U	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	2.1 U	2 UJ	1.9 U	2 U	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	1.9 U	1.8 UJ	1.7 U	1.8 U	0.41 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2518		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(15-17) Y2518-04 15-17' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-16(17-19) Y2518-05 17-19' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(7-9) Y2518-02 7-9' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(11-15) Y2518-03 11-15' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	042707FB Y2518-01 Chemtech Y2518 WATER 4/27/2007 6/21/2007
CAS NO.	COMPOUND	UNITS:					ug/L
	VOLATILES						
591-78-6	2-Hexanone	ug/Kg	23 U	22 UJ	21 UJ	22 UJ	1.7 U
124-48-1	Dibromochloromethane	ug/Kg	1.5 U	1.4 UJ	1.3 U	1.4 U	0.26 U
106-93-4	1,2-Dibromoethane	ug/Kg	2.6 U	2.4 UJ	2.3 U	2.4 U	0.32 U
127-18-4	Tetrachloroethene	ug/Kg	4.6 U	4.4 UJ	4.2 U	4.4 U	0.48 UJ
108-90-7	Chlorobenzene	ug/Kg	2.3 U	2.2 UJ	2.1 U	2.2 U	0.47 U
100-41-4	Ethyl Benzene	ug/Kg	21 J	19 J	2 U	2.1 U	0.45 U
136777-61-2	m/p-Xylenes	ug/Kg	7.8 J	7.3 J	4.9 U	5.2 U	1.2 U
1330-20-7	o-Xylene	ug/Kg	12 J	8.8 J	2.2 U	2.3 U	0.46 U
100-42-5	Styrene	ug/Kg	2.9 U	2.8 UJ	2.6 U	2.8 U	0.41 U
75-25-2	Bromoform	ug/Kg	2 U	1.9 UJ	1.8 U	1.9 U	0.32 U
98-82-8	Isopropylbenzene	ug/Kg	9.4 J	2.5 UJ	2.4 U	2.5 U	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2 U	1.9 UJ	1.8 U	1.9 U	0.3 UJ
541-73-1	1,3-Dichlorobenzene	ug/Kg	3.6 U	3.4 UJ	3.2 U	3.4 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	3.5 U	3.3 UJ	3.1 U	3.3 U	0.54 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	2.5 U	2.3 UJ	2.2 U	2.3 U	0.44 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	6 U	5.7 UJ	5.4 U	5.7 U	0.38 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.3 U	4.1 UJ	3.9 U	4.1 U	0.46 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2518		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(15-17) Y2518-04 15-17' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-16(17-19) Y2518-05 17-19' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(7-9) Y2518-02 7-9' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(11-15) Y2518-03 11-15' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	042707FB Y2518-01 Chemtech Y2518 WATER 4/27/2007 6/21/2007
CAS NO.	COMPOUND	UNITS:					ug/L
	SEMIVOLATILES						
100-52-7	Benzaldehyde	ug/Kg	88 U		80 U		1.7 U
108-95-2	Phenol	ug/Kg	65 U		59 U		1.3 UJ
95-57-8	2-Chlorophenol	ug/Kg	68 U		62 U		1.2 U
50-32-8	2-Methylphenol	ug/Kg	71 U		65 U		1.6 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	69 U		63 U		1.3 U
98-86-2	Acetophenone	ug/Kg	63 U		57 U		1.3 U
87-86-5	3+4-Methylphenols	ug/Kg	68 U		61 U		1.4 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	71 U		64 U		1.5 U
67-72-1	Hexachloroethane	ug/Kg	73 U		66 U		1.2 U
98-95-3	Nitrobenzene	ug/Kg	94 U		85 U		1.7 U
78-59-1	Isophorone	ug/Kg	64 U		58 U		1.3 U
88-75-5	2-Nitrophenol	ug/Kg	66 U		60 U		1.4 U
105-67-9	2,4-Dimethylphenol	ug/Kg	68 U		62 U		1.2 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	71 U		64 U		1.4 UJ
120-83-2	2,4-Dichlorophenol	ug/Kg	79 U		72 U		1.5 U
91-20-3	Naphthalene	ug/Kg	73 U		66 U		1.5 U
106-47-8	4-Chloroaniline	ug/Kg	51 U		46 U		0.9 UJ
87-68-3	Hexachlorobutadiene	ug/Kg	66 U		60 U		1.4 U
105-60-2	Caprolactam	ug/Kg	69 U		62 U		1.3 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	59 U		54 U		1.4 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	68 U		61 U		1.5 U
91-57-6	2-Methylnaphthalene	ug/Kg	72 U		65 U		1.1 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	68 U		62 U		1.2 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	63 U		57 U		1.2 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	66 U		59 U		1.3 U
92-52-4	1,1-Biphenyl	ug/Kg	71 U		64 U		1.5 U
91-58-7	2-Chloronaphthalene	ug/Kg	71 U		64 U		1.5 U
621-64-7	2-Nitroaniline	ug/Kg	54 U		49 U		1.1 U
131-11-3	Dimethylphthalate	ug/Kg	69 U		62 U		1.3 U
208-96-8	Acenaphthylene	ug/Kg	70 U		110 J		1.4 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	61 U		55 U		1.3 U
621-64-7	3-Nitroaniline	ug/Kg	56 UJ		51 UJ		1.1 UJ
83-32-9	Acenaphthene	ug/Kg	76 U		69 U		1.4 U
51-28-5	2,4-Dinitrophenol	ug/Kg	370 U		330 U		3.7 UJ
100-02-7	4-Nitrophenol	ug/Kg	53 U		48 U		3.3 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2518		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(15-17) Y2518-04 15-17' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-16(17-19) Y2518-05 17-19' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(7-9) Y2518-02 7-9' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(11-15) Y2518-03 11-15' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	042707FB Y2518-01 Chemtech Y2518 WATER 4/27/2007 6/21/2007
CAS NO.	COMPOUND	UNITS:					ug/L
	SEMIVOLATILES						
132-64-9	Dibenzofuran	ug/Kg	71 U		64 U		1.4 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	63 U		57 U		1.3 U
84-66-2	Diethylphthalate	ug/Kg	74 U		67 U		1.4 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	68 U		61 U		1.4 U
86-73-7	Fluorene	ug/Kg	72 U		66 U		1.5 U
621-64-7	4-Nitroaniline	ug/Kg	73 U		66 U		1.2 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	83 U		75 U		1.7 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	71 U		64 U		1.3 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	64 U		58 U		1.6 U
118-74-1	Hexachlorobenzene	ug/Kg	69 U		62 U		1.3 U
1912-24-9	Atrazine	ug/Kg	66 U		60 U		1.3 U
87-86-5	Pentachlorophenol	ug/Kg	99 U		90 U		1.7 U
85-01-8	Phenanthrene	ug/Kg	200 J		450		1.5 U
120-12-7	Anthracene	ug/Kg	65 U		130 J		1.5 U
86-74-8	Carbazole	ug/Kg	65 U		59 U		1.3 U
84-74-2	Di-n-butylphthalate	ug/Kg	65 U		59 U		1.4 U
206-44-0	Fluoranthene	ug/Kg	260 J		1000		1.3 U
129-00-0	Pyrene	ug/Kg	350 J		1100		1.5 U
85-68-7	Butylbenzylphthalate	ug/Kg	69 U		63 U		1.5 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	73 U		66 U		1.1 UJ
120-12-7	Benzo(a)anthracene	ug/Kg	140 J		590		1.2 U
218-01-9	Chrysene	ug/Kg	150 J		630		1.8 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	82 U		220 J		1.6 U
117-84-0	Di-n-octyl phthalate	ug/Kg	73 U		66 U		1.4 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	170 J		680		0.79 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	94 U		210 J		2 U
50-32-8	Benzo(a)pyrene	ug/Kg	180 J		560		1.2 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	89 J		190 J		0.87 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	54 U		49 U		0.91 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	110 J		220 J		1.1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2518		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(15-17) Y2518-04 15-17' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-16(17-19) Y2518-05 17-19' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(7-9) Y2518-02 7-9' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	MW-55(11-15) Y2518-03 11-15' Chemtech Y2518 SOIL 4/27/2007 6/21/2007	042707FB Y2518-01 Chemtech Y2518 WATER 4/27/2007 6/21/2007
CAS NO.	COMPOUND	UNITS:					ug/L
	INORGANICS						
7429-90-5	Aluminum	mg/Kg	10100		25100		17.2 U
7440-36-0	Antimony	mg/Kg	26.2 J		0.396 UJ		3.1 U
7440-38-2	Arsenic	mg/Kg	5.51		32.7		6.29 J
7440-39-3	Barium	mg/Kg	85 J		544 J		9.02 J
7440-41-7	Beryllium	mg/Kg	0.45 J		0.932 J		0.14 J
7440-43-9	Cadmium	mg/Kg	1.28		3.97		1.44 J
7440-70-2	Calcium	mg/Kg	60700 J		2450 J		17.7 J
7440-47-3	Chromium	mg/Kg	21.9 J		71.2 J		0.62 J
7440-48-4	Cobalt	mg/Kg	7.38 J		30.8 J		1.3 U
7440-50-8	Copper	mg/Kg	18.4		72		0.5 U
7439-89-6	Iron	mg/Kg	11900 J		52700 J		47.7 U
7439-92-1	Lead	mg/Kg	123 J		223 J		1.9 U
7439-95-4	Magnesium	mg/Kg	14300		15000		9.2 U
7439-96-5	Manganese	mg/Kg	465 J		508 J		0.8 U
7439-97-6	Mercury	mg/Kg	0.3 J		0.55 J		0.11 U
7440-02-0	Nickel	mg/Kg	16.1		27		1.8 U
7440-09-7	Potassium	mg/Kg	3300 J		2020 J		236 U
7782-49-2	Selenium	mg/Kg	0.23 U		0.209 U		2.1 U
7440-22-4	Silver	mg/Kg	0.404 J		0.8 J		0.62 J
7440-23-5	Sodium	mg/Kg	1310		614		204 U
7440-28-0	Thallium	mg/Kg	2.42 U		2.2 U		10.1 J
7440-62-2	Vanadium	mg/Kg	29.9		138		1 U
7440-66-6	Zinc	mg/Kg	112 J		476 J		2.9 U
57-12-5	Cyanide	mg/Kg	0.65 U		0.58 U		10 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2531		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-56(7-9) Y2531-02 7-9' Chemtech Y2531 SOIL 4/30/2007 6/22/2007	SB-57(7-9) Y2531-06 7-9' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	SB-57(11-13) Y2531-07 11-13' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	043007FB Y2531-01 Chemtech Y2531 WATER 4/30/2007 6/22/2007	050107FB Y2531-05 Chemtech Y2531 WATER 5/1/2007 6/22/2007
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
75-71-8	Dichlorodifluoromethane	ug/Kg	5.1 U	8.4 U	8 U	0.17 U	0.17 U
74-87-3	Chloromethane	ug/Kg	5.1 U	8.4 U	8 U	0.34 UJ	0.34 UJ
75-01-4	Vinyl chloride	ug/Kg	4.9 U	8.1 U	7.7 U	0.33 U	0.33 U
74-83-9	Bromomethane	ug/Kg	12 U	20 U	19 U	0.41 UJ	0.41 UJ
75-00-3	Chloroethane	ug/Kg	13 U	21 U	20 U	0.83 UJ	0.83 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	7.5 U	12 U	12 U	0.22 U	0.22 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	4 U	6.5 U	6.2 U	1.3 U	1.3 U
75-35-4	1,1-Dichloroethene	ug/Kg	3.4 U	5.6 U	5.3 U	0.42 U	0.42 U
67-64-1	Acetone	ug/Kg	66 J	250 UJ	230 UJ	R	8.4 J
75-15-0	Carbon Disulfide	ug/Kg	2.2 UJ	23 J	23 J	0.4 U	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	2.2 U	3.6 U	3.4 U	0.28 U	0.28 U
79-20-9	Methyl Acetate	ug/Kg	5.2 U	8.5 U	8.1 U	0.2 U	0.2 U
75-09-2	Methylene Chloride	ug/Kg	11 U	18 U	17 U	0.43 U	0.43 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	3.8 U	6.3 U	6 U	0.4 U	0.4 U
75-34-3	1,1-Dichloroethane	ug/Kg	1.6 U	2.6 U	2.5 U	0.38 U	0.38 U
110-82-7	Cyclohexane	ug/Kg	1.9 U	3.2 U	3 U	0.36 U	0.36 U
78-93-3	2-Butanone	ug/Kg	17 U	28 U	26 U	1.1 UJ	1.1 UJ
56-23-5	Carbon Tetrachloride	ug/Kg	2.7 U	4.3 U	4.1 U	1.1 U	1.1 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	1.9 U	3.2 U	3 U	0.29 U	0.29 U
67-66-3	Chloroform	ug/Kg	2.1 U	3.4 U	3.2 U	0.33 U	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	2.5 U	4.1 U	3.9 U	0.32 U	0.32 U
108-87-2	Methylcyclohexane	ug/Kg	2.5 U	4.1 U	3.9 U	0.34 UJ	0.34 UJ
71-43-2	Benzene	ug/Kg	2.4 U	3.9 U	3.7 U	0.39 U	0.39 U
107-06-2	1,2-Dichloroethane	ug/Kg	1.8 U	3 U	2.9 U	0.34 U	0.34 U
79-01-6	Trichloroethene	ug/Kg	1.8 U	3 U	2.9 U	0.46 U	0.46 U
78-87-5	1,2-Dichloropropane	ug/Kg	2.4 U	3.9 U	3.7 U	0.4 U	0.4 U
75-27-4	Bromodichloromethane	ug/Kg	2 U	3.3 U	3.1 U	0.33 U	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	12 U	19 U	18 U	1.6 U	1.6 U
108-88-3	Toluene	ug/Kg	2.4 U	4 U	3.8 U	0.36 U	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	2.2 U	3.6 U	3.4 U	0.32 U	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	2 U	3.2 U	3.1 U	0.36 U	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	1.8 U	2.9 U	2.7 U	0.41 U	0.41 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2531		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-56(7-9) Y2531-02 7-9' Chemtech Y2531 SOIL 4/30/2007 6/22/2007	SB-57(7-9) Y2531-06 7-9' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	SB-57(11-13) Y2531-07 11-13' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	043007FB Y2531-01 Chemtech Y2531 WATER 4/30/2007 6/22/2007	050107FB Y2531-05 Chemtech Y2531 WATER 5/1/2007 6/22/2007
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
591-78-6	2-Hexanone	ug/Kg	22 U	35 U	34 U	1.7 U	1.7 U
124-48-1	Dibromochloromethane	ug/Kg	1.4 U	2.3 U	2.1 U	0.26 U	0.26 U
106-93-4	1,2-Dibromoethane	ug/Kg	2.4 U	3.9 U	3.8 U	0.32 U	0.32 U
127-18-4	Tetrachloroethene	ug/Kg	4.4 U	7.2 U	6.8 U	0.48 UJ	0.48 UJ
108-90-7	Chlorobenzene	ug/Kg	2.2 U	3.5 U	3.4 U	0.47 U	0.47 U
100-41-4	Ethyl Benzene	ug/Kg	2.1 U	3.5 U	3.3 U	0.45 U	0.45 U
136777-61-2	m/p-Xylenes	ug/Kg	5.2 U	8.5 U	8.1 U	1.2 U	1.2 U
1330-20-7	o-Xylene	ug/Kg	2.3 U	3.8 U	3.6 U	0.46 U	0.46 U
100-42-5	Styrene	ug/Kg	2.8 U	4.5 U	4.3 U	0.41 U	0.41 U
75-25-2	Bromoform	ug/Kg	1.9 U	3 U	2.9 U	0.32 U	0.32 U
98-82-8	Isopropylbenzene	ug/Kg	2.5 U	4.1 U	3.9 U	0.44 U	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	1.9 U	3 U	2.9 U	0.3 UJ	0.3 UJ
541-73-1	1,3-Dichlorobenzene	ug/Kg	3.3 U	5.5 U	5.2 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	3.3 U	5.3 U	5.1 U	0.54 U	0.54 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	2.3 U	3.8 U	3.6 U	0.44 U	0.44 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.6 U	9.2 U	8.8 U	0.38 U	0.38 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.1 U	6.7 U	6.4 U	0.46 U	0.46 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2531		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-56(7-9) Y2531-02 7-9' Chemtech Y2531 SOIL 4/30/2007 6/22/2007	SB-57(7-9) Y2531-06 7-9' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	SB-57(11-13) Y2531-07 11-13' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	043007FB Y2531-01 Chemtech Y2531 WATER 4/30/2007 6/22/2007	050107FB Y2531-05 Chemtech Y2531 WATER 5/1/2007 6/22/2007
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
100-52-7	Benzaldehyde	ug/Kg		140 U	130 U		1.7 U
108-95-2	Phenol	ug/Kg		100 U	95 U		1.3 U
95-57-8	2-Chlorophenol	ug/Kg		110 U	100 U		1.2 U
50-32-8	2-Methylphenol	ug/Kg		110 U	100 U		1.6 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg		110 U	100 U		1.3 U
98-86-2	Acetophenone	ug/Kg		97 U	92 U		1.3 U
87-86-5	3+4-Methylphenols	ug/Kg		100 U	99 U		1.4 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg		110 U	100 U		1.4 U
67-72-1	Hexachloroethane	ug/Kg		110 U	110 U		1.2 U
98-95-3	Nitrobenzene	ug/Kg		140 U	140 U		1.6 U
78-59-1	Isophorone	ug/Kg		99 U	95 U		1.3 U
88-75-5	2-Nitrophenol	ug/Kg		100 U	97 U		1.4 U
105-67-9	2,4-Dimethylphenol	ug/Kg		100 U	100 U		1.2 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg		110 U	100 U		1.4 U
120-83-2	2,4-Dichlorophenol	ug/Kg		120 U	120 U		1.5 U
91-20-3	Naphthalene	ug/Kg		110 U	110 U		1.4 U
106-47-8	4-Chloroaniline	ug/Kg		79 UJ	75 UJ		0.89 U
87-68-3	Hexachlorobutadiene	ug/Kg		100 U	97 U		1.4 U
105-60-2	Caprolactam	ug/Kg		110 U	100 U		1.3 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg		91 U	87 U		1.4 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg		100 U	100 U		1.5 U
91-57-6	2-Methylnaphthalene	ug/Kg		110 U	110 U		1.1 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg		110 U	100 U		1.2 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg		97 U	93 U		1.2 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg		100 U	96 U		1.3 U
92-52-4	1,1-Biphenyl	ug/Kg		110 U	100 U		1.5 U
91-58-7	2-Chloronaphthalene	ug/Kg		110 U	100 U		1.4 U
621-64-7	2-Nitroaniline	ug/Kg		84 U	80 U		1.1 U
131-11-3	Dimethylphthalate	ug/Kg		110 U	100 U		1.3 U
208-96-8	Acenaphthylene	ug/Kg		110 U	100 U		1.3 U
606-20-2	2,6-Dinitrotoluene	ug/Kg		93 U	89 U		1.3 U
621-64-7	3-Nitroaniline	ug/Kg		86 UJ	82 UJ		1.1 U
83-32-9	Acenaphthene	ug/Kg		120 U	110 U		1.4 U
51-28-5	2,4-Dinitrophenol	ug/Kg		560 UJ	540 U		3.6 U
100-02-7	4-Nitrophenol	ug/Kg		82 U	78 U		3.2 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2531		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-56(7-9) Y2531-02 7-9' Chemtech Y2531 SOIL 4/30/2007 6/22/2007	SB-57(7-9) Y2531-06 7-9' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	SB-57(11-13) Y2531-07 11-13' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	043007FB Y2531-01 Chemtech Y2531 WATER 4/30/2007 6/22/2007	050107FB Y2531-05 Chemtech Y2531 WATER 5/1/2007 6/22/2007
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
132-64-9	Dibenzofuran	ug/Kg		110 U	100 U		1.3 U
121-14-2	2,4-Dinitrotoluene	ug/Kg		97 U	93 U		1.3 U
84-66-2	Diethylphthalate	ug/Kg		110 U	110 U		1.4 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg		100 U	100 U		1.4 U
86-73-7	Fluorene	ug/Kg		110 U	110 U		1.5 U
621-64-7	4-Nitroaniline	ug/Kg		110 U	110 U		1.2 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg		130 U	120 U		1.7 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg		110 U	100 U		1.3 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg		99 U	94 U		1.5 U
118-74-1	Hexachlorobenzene	ug/Kg		110 U	100 U		1.3 U
1912-24-9	Atrazine	ug/Kg		100 U	97 U		1.3 U
87-86-5	Pentachlorophenol	ug/Kg		150 U	150 U		1.6 U
85-01-8	Phenanthrene	ug/Kg		110 U	100 U		1.5 U
120-12-7	Anthracene	ug/Kg		100 U	95 U		1.5 U
86-74-8	Carbazole	ug/Kg		100 U	96 U		1.3 U
84-74-2	Di-n-butylphthalate	ug/Kg		100 U	96 U		1.4 U
206-44-0	Fluoranthene	ug/Kg		98 U	94 U		1.3 U
129-00-0	Pyrene	ug/Kg		130 J	110 U		1.5 U
85-68-7	Butylbenzylphthalate	ug/Kg		110 UJ	100 U		1.5 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg		110 UJ	110 U		1.1 U
120-12-7	Benzo(a)anthracene	ug/Kg		92 UJ	88 U		1.2 U
218-01-9	Chrysene	ug/Kg		120 UJ	110 U		1.7 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg		130 UJ	120 U		1.6 U
117-84-0	Di-n-octyl phthalate	ug/Kg		110 UJ	110 U		1.3 U
205-99-2	Benzo(b)fluoranthene	ug/Kg		75 J	69 U		0.78 U
207-08-9	Benzo(k)fluoranthene	ug/Kg		150 UJ	140 U		2 U
50-32-8	Benzo(a)pyrene	ug/Kg		110 UJ	100 U		1.2 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg		84 UJ	80 U		0.86 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg		83 UJ	79 U		0.9 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg		110 UJ	100 U		1.1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2531		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-56(7-9) Y2531-02 7-9' Chemtech Y2531 SOIL 4/30/2007 6/22/2007	SB-57(7-9) Y2531-06 7-9' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	SB-57(11-13) Y2531-07 11-13' Chemtech Y2531 SOIL 5/1/2007 6/22/2007	043007FB Y2531-01 Chemtech Y2531 WATER 4/30/2007 6/22/2007	050107FB Y2531-05 Chemtech Y2531 WATER 5/1/2007 6/22/2007
CAS NO.	COMPOUND	UNITS:					
	INORGANICS						
7429-90-5	Aluminum	mg/Kg		10100	11500		17.2 U
7440-36-0	Antimony	mg/Kg		0.68 U	0.65 U		3.1 U
7440-38-2	Arsenic	mg/Kg		9.36	27.2		5.53 J
7440-39-3	Barium	mg/Kg		166	376		8.06 J
7440-41-7	Beryllium	mg/Kg		0.538 J	0.654		0.1 U
7440-43-9	Cadmium	mg/Kg		2.96	3.65		0.9 U
7440-70-2	Calcium	mg/Kg		14800	1700		25.1 J
7440-47-3	Chromium	mg/Kg		80.3	133		0.6 U
7440-48-4	Cobalt	mg/Kg		10.1	8.91		1.3 U
7440-50-8	Copper	mg/Kg		97.3 J	398 J		0.5 U
7439-89-6	Iron	mg/Kg		23900	17600		47.7 U
7439-92-1	Lead	mg/Kg		157	568		1.9 U
7439-95-4	Magnesium	mg/Kg		5610	5190		9.2 U
7439-96-5	Manganese	mg/Kg		330	195		0.8 U
7439-97-6	Mercury	mg/Kg		1.3 J	3.2 J		R
7440-02-0	Nickel	mg/Kg		22.8	36.6		1.8 U
7440-09-7	Potassium	mg/Kg		4660	4010		236 U
7782-49-2	Selenium	mg/Kg		0.682 J	3.63		4.25 J
7440-22-4	Silver	mg/Kg		21.9	83.3		0.6 U
7440-23-5	Sodium	mg/Kg		1260	3500		204 U
7440-28-0	Thallium	mg/Kg		3.78 U	3.61 U		7.5 U
7440-62-2	Vanadium	mg/Kg		48.6	48.5		1 U
7440-66-6	Zinc	mg/Kg		209	763		41.2 J
57-12-5	Cyanide	mg/Kg		1 U	0.956 U		10 U

						Dup of MW-18 (5-7)			
Consolidated Edison		Sample ID:	050707FB	050807FB	MW-18(5-7)	MW-18(500-700)	MW-19(9-11)	MW-19(13-15)	MW-20(15-17)
W 45th Street		Lab Sample Id:	Y2633-07	Y2633-10	Y2633-05	Y2633-06	Y2633-01	Y2633-04	Y2633-11
Validated Soil Analytical Data		Depth:			5-7'	5-7'	9-11'	13-15'	15-17'
SDG: Y2663		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633
		Matrix:	WATER	WATER	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	5/7/2007	5/8/2007	5/7/2007	5/7/2007	5/7/2007	5/7/2007	5/8/2007
		Validated:	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007
CAS NO.	COMPOUND	UNITS:	µg/L	µg/L					
	VOLATILES								
75-71-8	Dichlorodifluoromethane	ug/Kg	0.17 U	0.17 U	4.7 U	4.6 U	47 U	4.8 U	4.8 U
74-87-3	Chloromethane	ug/Kg	0.34 U	0.34 U	4.6 U	4.6 U	97 UJ	4.8 U	4.8 U
75-01-4	Vinyl chloride	ug/Kg	0.33 U	0.33 U	4.5 U	4.4 U	38 U	4.6 U	4.6 U
74-83-9	Bromomethane	ug/Kg	0.41 U	0.41 U	11 U	11 U	110 UJ	11 U	11 U
75-00-3	Chloroethane	ug/Kg	0.83 UJ	0.83 UJ	12 U	11 U	130 UJ	12 U	12 U
75-69-4	Trichlorofluoromethane	ug/Kg	0.22 UJ	0.22 UJ	6.8 U	6.7 U	82 UJ	7 U	7 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	1.3 U	1.3 U	3.6 U	3.6 U	98 UJ	3.7 U	3.7 U
75-35-4	1,1-Dichloroethene	ug/Kg	0.42 U	0.42 U	3.1 U	3.1 U	46 U	3.2 U	3.2 U
67-64-1	Acetone	ug/Kg	R	R	18 U	18 U	470 UJ	19 U	19 U
75-15-0	Carbon Disulfide	ug/Kg	0.4 U	0.4 U	2 U	2 U	55 U	2.1 U	2.1 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	0.28 U	0.28 U	2 U	2 U	51 U	2.1 U	2.1 U
79-20-9	Methyl Acetate	ug/Kg	0.2 U	0.2 U	4.7 U	4.7 U	120 UJ	4.9 U	4.9 U
75-09-2	Methylene Chloride	ug/Kg	0.43 U	0.43 U	9.9 U	9.8 U	88 UJ	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	0.4 U	0.4 U	3.5 U	3.4 U	73 U	3.6 U	3.6 U
75-34-3	1,1-Dichloroethane	ug/Kg	0.38 U	0.38 U	1.5 U	1.4 U	31 UJ	1.5 U	1.5 U
110-82-7	Cyclohexane	ug/Kg	0.36 U	0.36 U	1.8 U	1.7 U	52 UJ	1.8 U	1.8 U
78-93-3	2-Butanone	ug/Kg	1.1 U	1.1 U	15 U	15 U	400 UJ	16 U	16 U
56-23-5	Carbon Tetrachloride	ug/Kg	1.1 U	1.1 U	2.4 U	2.4 U	67 UJ	2.5 U	2.5 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	0.29 U	0.29 U	1.8 U	1.7 U	110 U	1.8 U	1.8 U
67-66-3	Chloroform	ug/Kg	0.33 U	0.33 U	1.9 U	1.9 U	82 U	2 U	2 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	0.32 U	0.32 U	2.3 U	2.2 U	58 U	2.4 U	2.4 U
108-87-2	Methylcyclohexane	ug/Kg	0.34 U	0.34 U	2.3 U	2.3 U	85 UJ	2.4 U	2.4 U
71-43-2	Benzene	ug/Kg	0.39 U	0.39 U	2.2 U	2.1 U	12000	2000 J	16 J
107-06-2	1,2-Dichloroethane	ug/Kg	0.34 U	0.34 U	1.7 U	1.7 U	45 U	1.7 U	1.7 U
79-01-6	Trichloroethene	ug/Kg	0.46 U	0.46 U	1.7 U	1.7 U	95 U	1.7 U	1.7 U
78-87-5	1,2-Dichloropropane	ug/Kg	0.4 U	0.4 U	2.2 U	2.1 U	45 U	2.2 U	2.2 U
75-27-4	Bromodichloromethane	ug/Kg	0.33 U	0.33 U	1.8 U	1.8 U	49 UJ	1.9 U	1.9 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	1.6 U	1.6 U	11 U	11 U	190 U	11 U	11 U
108-88-3	Toluene	ug/Kg	0.36 U	0.36 U	2.2 U	2.2 U	2100	2100 J	2.3 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	0.32 U	0.32 U	2 U	2 U	60 UJ	2 U	2 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	0.36 U	0.36 U	1.8 U	1.8 U	22 UJ	1.9 U	1.9 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	0.41 U	0.41 U	1.6 U	1.6 U	73 U	1.7 U	1.7 U

						Dup of MW-18 (5-7)			
Consolidated Edison		Sample ID:	050707FB	050807FB	MW-18(5-7)	MW-18(500-700)	MW-19(9-11)	MW-19(13-15)	MW-20(15-17)
W 45th Street		Lab Sample Id:	Y2633-07	Y2633-10	Y2633-05	Y2633-06	Y2633-01	Y2633-04	Y2633-11
Validated Soil Analytical Data		Depth:			5-7'	5-7'	9-11'	13-15'	15-17'
SDG: Y2663		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633
		Matrix:	WATER	WATER	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	5/7/2007	5/8/2007	5/7/2007	5/7/2007	5/7/2007	5/7/2007	5/8/2007
		Validated:	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007
CAS NO.	COMPOUND	UNITS:	µg/L	µg/L					
	VOLATILES								
591-78-6	2-Hexanone	ug/Kg	1.7 U	1.7 U	20 U	19 U	94 U	20 U	20 U
124-48-1	Dibromochloromethane	ug/Kg	0.26 U	0.26 U	1.2 U	1.2 U	54 U	1.3 U	1.3 U
106-93-4	1,2-Dibromoethane	ug/Kg	0.32 U	0.32 U	2.2 U	2.2 U	90 UJ	2.3 U	2.3 U
127-18-4	Tetrachloroethene	ug/Kg	0.48 U	0.48 U	4 U	3.9 U	47 UJ	4.1 U	4.1 U
108-90-7	Chlorobenzene	ug/Kg	0.47 U	0.47 U	2 U	1.9 U	52 U	2 U	2 U
100-41-4	Ethyl Benzene	ug/Kg	0.45 U	0.45 U	1.9 U	1.9 U	46000	3700 J	80
136777-61-2	m/p-Xylenes	ug/Kg	1.2 U	1.2 U	4.7 U	4.7 U	51000	4600 J	27 J
1330-20-7	o-Xylene	ug/Kg	0.46 U	0.46 U	2.1 U	2.1 U	22000	2000 J	33
100-42-5	Styrene	ug/Kg	0.41 U	0.41 U	2.5 U	2.5 U	250 J	94	2.6 U
75-25-2	Bromoform	ug/Kg	0.32 UJ	0.32 UJ	1.7 U	1.7 U	36 U	1.7 U	1.7 U
98-82-8	Isopropylbenzene	ug/Kg	0.44 U	0.44 U	2.3 U	2.2 U	1800	200	16 J
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	0.3 U	0.3 U	1.7 U	1.7 U	70 UJ	1.8 U	1.8 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	0.38 U	0.38 U	5.1 U	5.1 U	130 U	5.3 U	5.3 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	0.44 U	0.44 U	2.1 U	2.1 U	52 U	2.2 U	2.2 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	0.5 U	0.5 U	3 U	3 U	53 U	3.1 U	3.1 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	0.54 U	0.54 U	3 U	2.9 U	55 U	3.1 U	3.1 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	0.46 U	0.46 U	3.7 U	3.7 U	41 UJ	3.8 U	3.8 U

						Dup of MW-18 (5-7)			
Consolidated Edison		Sample ID:	050707FB	050807FB	MW-18(5-7)	MW-18(500-700)	MW-19(9-11)	MW-19(13-15)	MW-20(15-17)
W 45th Street		Lab Sample Id:	Y2633-07	Y2633-10	Y2633-05	Y2633-06	Y2633-01	Y2633-04	Y2633-11
Validated Soil Analytical Data		Depth:			5-7'	5-7'	9-11'	13-15'	15-17'
SDG: Y2663		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633
		Matrix:	WATER	WATER	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	5/7/2007	5/8/2007	5/7/2007	5/7/2007	5/7/2007	5/7/2007	5/8/2007
		Validated:	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007
CAS NO.	COMPOUND	UNITS:	µg/L	µg/L					
	SEMIVOLATILES								
100-52-7	Benzaldehyde	ug/Kg	1.7 U	1.8 U	73 U	73 U	77 U	77 U	77 U
108-95-2	Phenol	ug/Kg	1.4 U	1.4 U	54 U	54 U	57 U	57 U	57 U
95-57-8	2-Chlorophenol	ug/Kg	1.2 U	1.3 U	57 U	57 U	60 U	60 U	60 U
50-32-8	2-Methylphenol	ug/Kg	1.6 U	1.6 U	59 U	60 U	62 U	63 U	63 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	1.3 U	1.3 U	57 U	58 U	61 U	61 U	61 U
98-86-2	Acetophenone	ug/Kg	1.3 U	1.4 U	52 U	52 U	55 U	55 U	55 U
87-86-5	3+4-Methylphenols	ug/Kg	1.4 U	1.4 U	56 U	56 U	59 U	59 U	59 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	1.5 U	1.5 U	59 U	59 U	62 U	62 U	62 U
67-72-1	Hexachloroethane	ug/Kg	1.2 U	1.3 U	61 U	61 U	64 U	64 U	64 U
98-95-3	Nitrobenzene	ug/Kg	1.7 U	1.7 U	78 U	78 U	82 U	82 U	82 U
78-59-1	Isophorone	ug/Kg	1.3 U	1.4 U	54 U	54 U	56 U	57 U	57 U
88-75-5	2-Nitrophenol	ug/Kg	1.4 U	1.5 U	55 U	55 U	58 U	58 U	58 U
105-67-9	2,4-Dimethylphenol	ug/Kg	1.3 U	1.3 U	57 U	57 U	60 U	60 U	60 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	1.5 U	1.5 U	59 U	59 U	62 U	62 U	62 U
120-83-2	2,4-Dichlorophenol	ug/Kg	1.5 U	1.6 U	66 U	66 U	70 U	70 U	70 U
91-20-3	Naphthalene	ug/Kg	1.5 U	1.5 U	61 U	61 U	5600 J	1400	16000 J
106-47-8	4-Chloroaniline	ug/Kg	0.91 U	0.94 U	42 U	43 U	45 U	45 U	45 U
87-68-3	Hexachlorobutadiene	ug/Kg	1.4 U	1.5 U	55 U	55 U	58 U	58 U	58 U
105-60-2	Caprolactam	ug/Kg	1.3 U	1.4 U	57 U	58 U	60 U	61 U	60 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	1.4 U	1.5 U	49 U	49 U	52 U	52 U	52 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	1.5 U	1.6 U	56 U	57 U	59 U	60 U	59 U
91-57-6	2-Methylnaphthalene	ug/Kg	1.2 U	1.2 U	60 U	60 U	1700	460	7400 J
77-47-4	Hexachlorocyclopentadiene	ug/Kg	1.2 U	1.3 U	57 U	57 U	60 U	60 U	60 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	1.2 U	1.3 U	52 U	53 U	55 U	55 U	55 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	1.3 U	1.3 U	55 U	55 U	57 U	58 U	58 U
92-52-4	1,1-Biphenyl	ug/Kg	1.5 U	1.5 U	59 U	59 U	430	83 J	940
91-58-7	2-Chloronaphthalene	ug/Kg	1.5 U	1.5 U	59 U	59 U	62 U	62 U	62 U
621-64-7	2-Nitroaniline	ug/Kg	1.1 U	1.2 U	45 U	45 U	48 U	48 U	48 U
131-11-3	Dimethylphthalate	ug/Kg	1.3 U	1.4 U	57 U	58 U	60 U	61 U	60 U
208-96-8	Acenaphthylene	ug/Kg	1.4 U	1.4 U	58 U	58 U	660	120 J	1600
606-20-2	2,6-Dinitrotoluene	ug/Kg	1.3 U	1.4 U	50 U	51 U	53 U	53 U	53 U
621-64-7	3-Nitroaniline	ug/Kg	1.1 U	1.1 U	46 U	47 U	49 U	49 U	49 U
83-32-9	Acenaphthene	ug/Kg	1.4 U	1.5 U	64 U	64 U	760	180 J	1100
51-28-5	2,4-Dinitrophenol	ug/Kg	3.7 U	3.8 U	310 U	310 U	320 U	320 U	320 U
100-02-7	4-Nitrophenol	ug/Kg	3.3 U	3.4 U	44 U	44 U	47 U	47 U	47 U

						Dup of MW-18 (5-7)			
Consolidated Edison		Sample ID:	050707FB	050807FB	MW-18(5-7)	MW-18(500-700)	MW-19(9-11)	MW-19(13-15)	MW-20(15-17)
W 45th Street		Lab Sample Id:	Y2633-07	Y2633-10	Y2633-05	Y2633-06	Y2633-01	Y2633-04	Y2633-11
Validated Soil Analytical Data		Depth:			5-7'	5-7'	9-11'	13-15'	15-17'
SDG: Y2663		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633
		Matrix:	WATER	WATER	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	5/7/2007	5/8/2007	5/7/2007	5/7/2007	5/7/2007	5/7/2007	5/8/2007
		Validated:	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007
CAS NO.	COMPOUND	UNITS:	µg/L	µg/L					
	SEMIVOLATILES								
132-64-9	Dibenzofuran	ug/Kg	1.4 U	1.4 U	59 U	59 U	260 J	62 U	170 J
121-14-2	2,4-Dinitrotoluene	ug/Kg	1.3 U	1.3 U	52 U	53 U	55 U	55 U	55 U
84-66-2	Diethylphthalate	ug/Kg	1.4 U	1.5 U	62 U	62 U	65 U	65 U	65 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	1.4 U	1.5 U	56 U	57 U	59 U	60 U	59 U
86-73-7	Fluorene	ug/Kg	1.5 U	1.5 U	60 U	60 U	2900	660	1800
621-64-7	4-Nitroaniline	ug/Kg	1.2 U	1.2 U	61 U	61 U	64 U	64 U	64 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	1.7 U	1.8 U	69 U	69 U	73 U	73 U	73 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	1.3 U	1.4 U	59 U	59 U	62 U	62 U	62 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	1.6 U	1.6 U	53 U	53 U	56 U	56 U	56 U
118-74-1	Hexachlorobenzene	ug/Kg	1.3 U	1.3 U	57 U	57 U	60 U	60 U	60 U
1912-24-9	Atrazine	ug/Kg	1.3 U	1.4 U	55 U	55 U	58 U	58 U	58 U
87-86-5	Pentachlorophenol	ug/Kg	1.7 U	1.7 U	83 U	83 U	87 U	87 U	87 U
85-01-8	Phenanthrene	ug/Kg	1.5 U	1.6 U	57 U	210 J	9600 J	1700	6500 J
120-12-7	Anthracene	ug/Kg	1.5 U	1.5 U	54 U	54 U	1100	250 J	1400
86-74-8	Carbazole	ug/Kg	1.4 U	1.4 U	54 U	55 U	140 J	57 U	57 U
84-74-2	Di-n-butylphthalate	ug/Kg	1.4 U	1.4 U	54 U	55 U	57 U	64 J	57 U
206-44-0	Fluoranthene	ug/Kg	1.3 U	1.3 U	53 U	110 J	2600	590	1800
129-00-0	Pyrene	ug/Kg	1.5 U	1.6 U	63 U	130 J	3900 J	810	2500
85-68-7	Butylbenzylphthalate	ug/Kg	1.5 U	1.6 U	58 U	58 U	61 U	61 U	61 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	1.1 U	1.1 U	61 U	61 U	64 U	64 U	64 U
120-12-7	Benzo(a)anthracene	ug/Kg	1.2 U	1.2 U	50 U	50 U	1300	250 J	1300
218-01-9	Chrysene	ug/Kg	1.8 U	1.8 U	64 U	64 U	1100	240 J	1200
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	1.6 U	1.7 U	68 U	69 U	72 U	72 U	340 J
117-84-0	Di-n-octyl phthalate	ug/Kg	1.4 U	1.4 U	61 U	61 U	64 U	64 U	64 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	0.8 U	0.82 U	39 U	39 U	760	160 J	620
207-08-9	Benzo(k)fluoranthene	ug/Kg	2 U	2.1 U	79 U	79 U	250 J	83 U	240 J
50-32-8	Benzo(a)pyrene	ug/Kg	1.2 U	1.3 U	57 U	57 U	950	190 J	960
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	0.88 U	0.91 U	45 U	45 U	200 J	48 U	340 J
53-70-3	Dibenz(a,h)anthracene	ug/Kg	0.92 U	0.95 U	45 U	45 U	47 U	47 U	47 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	1.2 U	1.2 U	59 UJ	59 UJ	270 J	62 UJ	440 J

						Dup of MW-18 (5-7)			
Consolidated Edison		Sample ID:	050707FB	050807FB	MW-18(5-7)	MW-18(500-700)	MW-19(9-11)	MW-19(13-15)	MW-20(15-17)
W 45th Street		Lab Sample Id:	Y2633-07	Y2633-10	Y2633-05	Y2633-06	Y2633-01	Y2633-04	Y2633-11
Validated Soil Analytical Data		Depth:			5-7'	5-7'	9-11'	13-15'	15-17'
SDG: Y2663		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633	Y2633
		Matrix:	WATER	WATER	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	5/7/2007	5/8/2007	5/7/2007	5/7/2007	5/7/2007	5/7/2007	5/8/2007
		Validated:	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007	6/24/2007
CAS NO.	COMPOUND	UNITS:	µg/L	µg/L					
	INORGANICS								
7429-90-5	Aluminum	mg/Kg	17.2 U	17.2 U	28900	10400	6690	4000	9790
7440-36-0	Antimony	mg/Kg	3.1 U	3.1 U	15.8 J	0.365 UJ	0.389 UJ	0.39 UJ	0.39 UJ
7440-38-2	Arsenic	mg/Kg	3.1 U	3.1 U	0.218 U	0.735 J	1.21	1.24	1.71
7440-39-3	Barium	mg/Kg	3.1 U	3.1 U	375 J	130 J	46.5 J	36.4 J	82.8 J
7440-41-7	Beryllium	mg/Kg	0.1 U	0.1 U	0.315 J	0.234 J	0.346	0.372	0.552
7440-43-9	Cadmium	mg/Kg	0.9 U	0.9 U	0.475 J	0.064 UJ	0.069 U	0.069 U	0.069 U
7440-70-2	Calcium	mg/Kg	491 J	198 J	4210	2860	4100	4840	1180
7440-47-3	Chromium	mg/Kg	1.12 J	0.67 J	75.4 J	26.5 J	13.5 J	10.8 J	19.7 J
7440-48-4	Cobalt	mg/Kg	1.3 U	1.3 U	30.5 J	10.3 J	5.29	4.23	7.61
7440-50-8	Copper	mg/Kg	1.16 J	0.5 U	55.1	27.1	14	9.48	16.7
7439-89-6	Iron	mg/Kg	169	59.4	49200	21500	12400	8070	17700
7439-92-1	Lead	mg/Kg	1.9 U	1.9 U	6.63	14.8	14	5.4	7.24
7439-95-4	Magnesium	mg/Kg	99.3 J	43.8 J	14800 J	4840 J	2780	2330	3310
7439-96-5	Manganese	mg/Kg	0.8 U	0.8 U	298	202	224	604	446
7439-97-6	Mercury	mg/Kg	0.11 U	0.11 U	0.054	0.044	0.016	0.014	0.014
7440-02-0	Nickel	mg/Kg	1.8 U	1.8 U	35	13.2	10.4	9.61	16.7
7440-09-7	Potassium	mg/Kg	283 J	236 U	13500 J	3790 J	1100	987	2190
7782-49-2	Selenium	mg/Kg	2.1 U	2.1 U	0.196 U	0.198 J	0.206 U	0.207 U	0.206 U
7440-22-4	Silver	mg/Kg	0.6 U	0.6 U	0.196 U	0.193 U	0.206 U	0.207 U	0.206 U
7440-23-5	Sodium	mg/Kg	818 J	530 J	1320 J	371 J	394 J	351 J	412 J
7440-28-0	Thallium	mg/Kg	7.5 U	7.5 U	2.06 U	2.03 U	2.16 U	2.17 U	2.17 U
7440-62-2	Vanadium	mg/Kg	1 U	1 U	166 J	55.8 J	18.9	20.7	27
7440-66-6	Zinc	mg/Kg	37.9	39.3	103	57.1	33.1	18.9 U	39.4
57-12-5	Cyanide	mg/Kg	10 U	10 U	0.545 U	0.542 U	0.571 U	0.574 U	0.573 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-20(21-23) Y2633-12 21-23' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	MW-20(23-25) Y2633-13 23-25' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(7-9) Y2633-08 7-9' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(11-13) Y2633-09 11-13' Chemtech Y2633 SOIL 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
75-71-8	Dichlorodifluoromethane	ug/Kg	5.2 U	5.1 U	4.9 U	5.2 U
74-87-3	Chloromethane	ug/Kg	5.2 U	5.1 U	4.9 U	5.2 U
75-01-4	Vinyl chloride	ug/Kg	5 U	4.9 U	4.7 U	5 U
74-83-9	Bromomethane	ug/Kg	12 U	12 U	12 U	12 U
75-00-3	Chloroethane	ug/Kg	13 U	13 U	12 U	13 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.5 U	7.4 U	7.2 U	7.5 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	4 U	4 U	3.8 U	4 U
75-35-4	1,1-Dichloroethene	ug/Kg	3.5 U	3.4 U	3.3 U	3.5 U
67-64-1	Acetone	ug/Kg	20 U	20 U	19 U	20 U
75-15-0	Carbon Disulfide	ug/Kg	2.2 U	2.2 U	2.1 U	2.2 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	2.2 U	2.2 U	2.1 U	2.2 U
79-20-9	Methyl Acetate	ug/Kg	5.2 U	5.2 U	5 U	5.2 U
75-09-2	Methylene Chloride	ug/Kg	11 U	11 U	11 U	11 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	3.9 U	3.8 U	3.7 U	3.9 U
75-34-3	1,1-Dichloroethane	ug/Kg	1.6 U	1.6 U	1.5 U	1.6 U
110-82-7	Cyclohexane	ug/Kg	2 U	1.9 U	1.9 U	2 U
78-93-3	2-Butanone	ug/Kg	17 U	17 U	16 U	17 U
56-23-5	Carbon Tetrachloride	ug/Kg	2.7 U	2.6 U	2.6 U	2.7 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	2 U	1.9 U	1.9 U	2 U
67-66-3	Chloroform	ug/Kg	2.1 U	2.1 U	2 U	2.1 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	2.5 U	2.5 U	2.4 U	2.5 U
108-87-2	Methylcyclohexane	ug/Kg	2.5 U	2.5 U	2.4 U	2.5 U
71-43-2	Benzene	ug/Kg	980	230	2.3 U	2.4 U
107-06-2	1,2-Dichloroethane	ug/Kg	1.9 U	1.8 U	1.8 U	1.9 U
79-01-6	Trichloroethene	ug/Kg	1.9 U	1.8 U	1.8 U	1.9 U
78-87-5	1,2-Dichloropropane	ug/Kg	2.4 U	2.4 U	2.3 U	2.4 U
75-27-4	Bromodichloromethane	ug/Kg	2 U	2 U	1.9 U	2 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	12 U	12 U	11 U	12 U
108-88-3	Toluene	ug/Kg	530	130	2.3 U	2.5 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	2.2 U	2.2 U	2.1 U	2.2 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	2 U	2 U	1.9 U	2 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	1.8 U	1.8 U	1.7 U	1.8 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-20(21-23) Y2633-12 21-23' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	MW-20(23-25) Y2633-13 23-25' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(7-9) Y2633-08 7-9' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(11-13) Y2633-09 11-13' Chemtech Y2633 SOIL 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
591-78-6	2-Hexanone	ug/Kg	22 U	22 U	21 U	22 U
124-48-1	Dibromochloromethane	ug/Kg	1.4 U	1.4 U	1.3 U	1.4 U
106-93-4	1,2-Dibromoethane	ug/Kg	2.4 U	2.4 U	2.3 U	2.4 U
127-18-4	Tetrachloroethene	ug/Kg	4.4 U	4.4 U	4.2 U	4.4 U
108-90-7	Chlorobenzene	ug/Kg	2.2 U	2.2 U	2.1 U	2.2 U
100-41-4	Ethyl Benzene	ug/Kg	150	770 J	2 U	2.1 U
136777-61-2	m/p-Xylenes	ug/Kg	240	620	5 U	5.2 U
1330-20-7	o-Xylene	ug/Kg	130	360	2.2 U	2.3 U
100-42-5	Styrene	ug/Kg	4.2 J	2.7 U	2.6 U	2.8 U
75-25-2	Bromoform	ug/Kg	1.9 U	1.8 U	1.8 U	1.9 U
98-82-8	Isopropylbenzene	ug/Kg	5.8 J	110	2.4 U	2.5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	1.9 U	1.9 U	1.8 U	1.9 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.7 U	5.6 U	5.4 U	5.7 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	2.3 U	2.3 U	2.2 U	2.3 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	3.4 U	3.3 U	3.2 U	3.4 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	3.3 U	3.3 U	3.1 U	3.3 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.1 U	4.1 U	3.9 U	4.1 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-20(21-23) Y2633-12 21-23' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	MW-20(23-25) Y2633-13 23-25' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(7-9) Y2633-08 7-9' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(11-13) Y2633-09 11-13' Chemtech Y2633 SOIL 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
100-52-7	Benzaldehyde	ug/Kg	83 U	81 U	79 U	83 U
108-95-2	Phenol	ug/Kg	62 U	60 U	58 U	61 U
95-57-8	2-Chlorophenol	ug/Kg	65 U	63 U	61 U	65 U
50-32-8	2-Methylphenol	ug/Kg	68 U	66 U	64 U	67 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	65 U	64 U	62 U	65 U
98-86-2	Acetophenone	ug/Kg	59 UJ	58 U	56 U	59 U
87-86-5	3+4-Methylphenols	ug/Kg	64 U	62 U	61 U	64 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	67 U	65 U	64 U	67 U
67-72-1	Hexachloroethane	ug/Kg	69 U	67 U	65 U	69 U
98-95-3	Nitrobenzene	ug/Kg	89 UJ	86 U	84 U	88 U
78-59-1	Isophorone	ug/Kg	61 UJ	59 U	58 U	61 U
88-75-5	2-Nitrophenol	ug/Kg	63 UJ	61 U	59 U	62 U
105-67-9	2,4-Dimethylphenol	ug/Kg	64 UJ	63 U	61 U	64 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	67 UJ	65 U	63 U	67 U
120-83-2	2,4-Dichlorophenol	ug/Kg	75 UJ	73 U	71 U	75 U
91-20-3	Naphthalene	ug/Kg	110000	2600	66 U	69 U
106-47-8	4-Chloroaniline	ug/Kg	48 UJ	47 U	46 U	48 U
87-68-3	Hexachlorobutadiene	ug/Kg	63 UJ	61 U	59 U	62 U
105-60-2	Caprolactam	ug/Kg	65 UJ	63 U	62 U	65 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	56 UJ	54 U	53 U	56 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	64 U	62 U	61 U	64 U
91-57-6	2-Methylnaphthalene	ug/Kg	65000	1300	170 J	68 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	65 U	63 U	61 U	65 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	60 U	58 U	56 U	60 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	62 U	60 U	59 U	62 U
92-52-4	1,1-Biphenyl	ug/Kg	6100	170 J	63 U	67 U
91-58-7	2-Chloronaphthalene	ug/Kg	67 U	65 U	64 U	67 U
621-64-7	2-Nitroaniline	ug/Kg	52 U	50 U	49 U	51 U
131-11-3	Dimethylphthalate	ug/Kg	65 U	63 U	62 U	65 U
208-96-8	Acenaphthylene	ug/Kg	7700	190 J	62 U	66 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	57 U	56 U	54 U	57 U
621-64-7	3-Nitroaniline	ug/Kg	53 U	51 U	50 U	53 U
83-32-9	Acenaphthene	ug/Kg	16000	530	68 U	72 U
51-28-5	2,4-Dinitrophenol	ug/Kg	350 U	340 U	330 U	350 U
100-02-7	4-Nitrophenol	ug/Kg	50 U	49 U	48 U	50 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-20(21-23) Y2633-12 21-23' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	MW-20(23-25) Y2633-13 23-25' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(7-9) Y2633-08 7-9' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(11-13) Y2633-09 11-13' Chemtech Y2633 SOIL 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
132-64-9	Dibenzofuran	ug/Kg	920	65 U	63 U	67 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	60 U	58 U	56 U	60 U
84-66-2	Diethylphthalate	ug/Kg	70 U	68 U	66 U	70 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	64 U	62 U	61 U	64 U
86-73-7	Fluorene	ug/Kg	13000	370 J	65 U	68 U
621-64-7	4-Nitroaniline	ug/Kg	69 U	67 U	66 U	69 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	79 U	77 U	74 U	79 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	67 U	65 U	63 U	67 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	61 U	59 U	57 U	61 U
118-74-1	Hexachlorobenzene	ug/Kg	65 U	63 U	61 U	65 U
1912-24-9	Atrazine	ug/Kg	62 U	60 U	59 U	62 U
87-86-5	Pentachlorophenol	ug/Kg	94 U	91 U	89 U	94 U
85-01-8	Phenanthrene	ug/Kg	30000	950	140 J	65 U
120-12-7	Anthracene	ug/Kg	9200	290 J	58 U	61 U
86-74-8	Carbazole	ug/Kg	300 J	60 U	59 U	62 U
84-74-2	Di-n-butylphthalate	ug/Kg	62 U	76 J	58 U	62 U
206-44-0	Fluoranthene	ug/Kg	10000	340 J	57 U	60 U
129-00-0	Pyrene	ug/Kg	18000	460	68 U	72 U
85-68-7	Butylbenzylphthalate	ug/Kg	66 U	64 U	62 U	66 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	70 U	67 U	66 U	69 U
120-12-7	Benzo(a)anthracene	ug/Kg	8200	220 J	54 U	57 U
218-01-9	Chrysene	ug/Kg	7200	210 J	69 U	73 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	110 J	76 U	350 J	78 U
117-84-0	Di-n-octyl phthalate	ug/Kg	69 UJ	67 U	65 U	69 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	4100 J	93 J	42 U	45 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	1500 J	87 U	84 U	89 U
50-32-8	Benzo(a)pyrene	ug/Kg	5600 J	150 J	61 U	65 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	1200 J	50 U	49 U	51 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	260 J	49 U	48 U	51 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	1800 J	65 UJ	63 UJ	67 UJ

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-20(21-23) Y2633-12 21-23' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	MW-20(23-25) Y2633-13 23-25' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(7-9) Y2633-08 7-9' Chemtech Y2633 SOIL 5/8/2007 6/24/2007	SB-58(11-13) Y2633-09 11-13' Chemtech Y2633 SOIL 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:				
	INORGANICS					
7429-90-5	Aluminum	mg/Kg	4060	4360	12600	28200
7440-36-0	Antimony	mg/Kg	0.418 UJ	0.408 UJ	0.39 UJ	0.42 UJ
7440-38-2	Arsenic	mg/Kg	0.246 U	0.24 U	2.86	0.4 J
7440-39-3	Barium	mg/Kg	65 J	58 J	179 J	245 J
7440-41-7	Beryllium	mg/Kg	0.268 J	0.216 J	0.376	0.504
7440-43-9	Cadmium	mg/Kg	0.074 U	0.072 U	0.069 U	0.584
7440-70-2	Calcium	mg/Kg	815	772	2720	2390
7440-47-3	Chromium	mg/Kg	10.7 J	9.11 J	27.2 J	56 J
7440-48-4	Cobalt	mg/Kg	4.66	3.93	12.6	27.6
7440-50-8	Copper	mg/Kg	9.81	7.59	33.9	76.7
7439-89-6	Iron	mg/Kg	9970	8230	23300	54100
7439-92-1	Lead	mg/Kg	3.17	3.79	46.5	13
7439-95-4	Magnesium	mg/Kg	1670	1600	4840	11100
7439-96-5	Manganese	mg/Kg	419	332	372	615
7439-97-6	Mercury	mg/Kg	0.004 U	0.013	0.079	0.02
7440-02-0	Nickel	mg/Kg	12.1	8.77	19.1	28.4
7440-09-7	Potassium	mg/Kg	785	881	4150	8540
7782-49-2	Selenium	mg/Kg	0.221 U	0.216 U	0.206 U	0.222 U
7440-22-4	Silver	mg/Kg	0.221 U	0.216 U	0.206 U	0.222 U
7440-23-5	Sodium	mg/Kg	312 J	322 J	385 J	957 J
7440-28-0	Thallium	mg/Kg	2.32 U	2.27 U	2.17 U	2.33 U
7440-62-2	Vanadium	mg/Kg	18.1	13.1	50.2	157
7440-66-6	Zinc	mg/Kg	18.9 U	21.9 U	62.5	105
57-12-5	Cyanide	mg/Kg	0.615 U	0.6 U	0.579 U	0.617

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1659		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-52 (12-14) Z1659-01 12-14' Chemtech Z1659 SOIL 2/23/2008 4/10/2008	SB-52 (14-16) Z1659-02 14-16' Chemtech Z1659 SOIL 2/23/2008 4/10/2008
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
75-71-8	Dichlorodifluoromethane	ug/Kg	11 U	11 U
74-87-3	Chloromethane	ug/Kg	7.7 UJ	7.6 UJ
75-01-4	Vinyl chloride	ug/Kg	8 U	7.9 U
74-83-9	Bromomethane	ug/Kg	12 U	12 U
75-00-3	Chloroethane	ug/Kg	11 UJ	11 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	6.9 U	6.8 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	9.7 U	9.7 U
75-35-4	1,1-Dichloroethene	ug/Kg	5.8 U	5.7 U
67-64-1	Acetone	ug/Kg	98 U	98 U
75-15-0	Carbon Disulfide	ug/Kg	6.2 UJ	6.2 UJ
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.1 U	5.1 U
79-20-9	Methyl Acetate	ug/Kg	9.7 U	9.7 U
75-09-2	Methylene Chloride	ug/Kg	14 U	14 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	7.1 U	7.1 U
75-34-3	1,1-Dichloroethane	ug/Kg	6.5 U	6.4 U
110-82-7	Cyclohexane	ug/Kg	5.9 U	5.9 U
78-93-3	2-Butanone	ug/Kg	29 U	29 U
56-23-5	Carbon Tetrachloride	ug/Kg	3.4 U	3.4 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	7.4 U	7.4 U
67-66-3	Chloroform	ug/Kg	5.1 U	5.1 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.5 U	5.5 U
108-87-2	Methylcyclohexane	ug/Kg	4.8 U	4.8 U
71-43-2	Benzene	ug/Kg	21 J	4.1 U
107-06-2	1,2-Dichloroethane	ug/Kg	4.7 U	4.7 U
79-01-6	Trichloroethene	ug/Kg	4.2 U	4.2 U
78-87-5	1,2-Dichloropropane	ug/Kg	5.4 U	5.4 U
75-27-4	Bromodichloromethane	ug/Kg	4 U	4 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	22 U	22 U
108-88-3	Toluene	ug/Kg	5.1 U	5.1 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.8 U	4.8 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	3.9 U	3.9 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	3.5 U	3.5 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1659		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-52 (12-14) Z1659-01 12-14' Chemtech Z1659 SOIL 2/23/2008 4/10/2008	SB-52 (14-16) Z1659-02 14-16' Chemtech Z1659 SOIL 2/23/2008 4/10/2008
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
591-78-6	2-Hexanone	ug/Kg	25 U	25 U
124-48-1	Dibromochloromethane	ug/Kg	3.8 U	3.8 U
106-93-4	1,2-Dibromoethane	ug/Kg	4.7 U	4.7 U
127-18-4	Tetrachloroethene	ug/Kg	7.2 U	7.1 U
108-90-7	Chlorobenzene	ug/Kg	4.4 U	4.4 U
100-41-4	Ethyl Benzene	ug/Kg	58	420
136777-61-2	m/p-Xylenes	ug/Kg	27 J	300
1330-20-7	o-Xylene	ug/Kg	26 J	200
100-42-5	Styrene	ug/Kg	3.6 U	3.6 U
75-25-2	Bromoform	ug/Kg	4.7 UJ	4.7 UJ
98-82-8	Isopropylbenzene	ug/Kg	4.7 U	41
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	5.1 U	5.1 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	3.9 U	3.9 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	4.4 U	4.4 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	5 U	4.9 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.9 U	5.9 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	3.8 U	3.8 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1659		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-52 (12-14) Z1659-01 12-14' Chemtech Z1659 SOIL 2/23/2008 4/10/2008	SB-52 (14-16) Z1659-02 14-16' Chemtech Z1659 SOIL 2/23/2008 4/10/2008
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
100-52-7	Benzaldehyde	ug/Kg	13 UJ	13 U
108-95-2	Phenol	ug/Kg	11 U	11 U
95-57-8	2-Chlorophenol	ug/Kg	11 U	10 U
50-32-8	2-Methylphenol	ug/Kg	10 U	10 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	16 U	16 U
98-86-2	Acetophenone	ug/Kg	12 U	11 U
87-86-5	3+4-Methylphenols	ug/Kg	12 U	12 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	14 U	14 U
67-72-1	Hexachloroethane	ug/Kg	13 U	12 U
98-95-3	Nitrobenzene	ug/Kg	9.1 U	8.9 U
78-59-1	Isophorone	ug/Kg	13 U	12 U
88-75-5	2-Nitrophenol	ug/Kg	14 U	14 U
105-67-9	2,4-Dimethylphenol	ug/Kg	12 U	11 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	8.9 U	8.7 U
120-83-2	2,4-Dichlorophenol	ug/Kg	9.2 U	9 U
91-20-3	Naphthalene	ug/Kg	1300	130000
106-47-8	4-Chloroaniline	ug/Kg	26 U	25 U
87-68-3	Hexachlorobutadiene	ug/Kg	16 U	15 U
105-60-2	Caprolactam	ug/Kg	47 U	46 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	5.1 U	5 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	11 U	11 U
91-57-6	2-Methylnaphthalene	ug/Kg	720	51000
77-47-4	Hexachlorocyclopentadiene	ug/Kg	20 U	19 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	9 U	8.8 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	12 U	11 U
92-52-4	1,1-Biphenyl	ug/Kg	110 J	5800
91-58-7	2-Chloronaphthalene	ug/Kg	9.4 U	9.2 U
621-64-7	2-Nitroaniline	ug/Kg	18 U	18 U
131-11-3	Dimethylphthalate	ug/Kg	11 U	11 U
208-96-8	Acenaphthylene	ug/Kg	76 J	2700
606-20-2	2,6-Dinitrotoluene	ug/Kg	14 U	14 U
621-64-7	3-Nitroaniline	ug/Kg	26 U	25 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1659		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-52 (12-14) Z1659-01 12-14' Chemtech Z1659 SOIL 2/23/2008 4/10/2008	SB-52 (14-16) Z1659-02 14-16' Chemtech Z1659 SOIL 2/23/2008 4/10/2008
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
83-32-9	Acenaphthene	ug/Kg	370 J	19000
51-28-5	2,4-Dinitrophenol	ug/Kg	21 U	20 U
100-02-7	4-Nitrophenol	ug/Kg	23 U	23 U
132-64-9	Dibenzofuran	ug/Kg	12 U	550
121-14-2	2,4-Dinitrotoluene	ug/Kg	13 U	13 U
84-66-2	Diethylphthalate	ug/Kg	13 U	13 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	15 U	14 U
86-73-7	Fluorene	ug/Kg	230 J	9800
621-64-7	4-Nitroaniline	ug/Kg	31 U	30 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	52 U	51 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	29 U	29 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	18 U	17 U
118-74-1	Hexachlorobenzene	ug/Kg	12 U	11 U
1912-24-9	Atrazine	ug/Kg	27 U	27 U
87-86-5	Pentachlorophenol	ug/Kg	44 U	43 U
85-01-8	Phenanthrene	ug/Kg	780	29000
120-12-7	Anthracene	ug/Kg	210 J	8900
86-74-8	Carbazole	ug/Kg	30 U	77 J
84-74-2	Di-n-butylphthalate	ug/Kg	18 U	18 U
206-44-0	Fluoranthene	ug/Kg	260 J	10000
129-00-0	Pyrene	ug/Kg	340 J	14000
85-68-7	Butylbenzylphthalate	ug/Kg	25 U	24 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	29 U	29 U
120-12-7	Benzo(a)anthracene	ug/Kg	170 J	6400
218-01-9	Chrysene	ug/Kg	150 J	5700
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	15 U	15 U
117-84-0	Di-n-octyl phthalate	ug/Kg	14 U	13 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	82 J	3500
207-08-9	Benzo(k)fluoranthene	ug/Kg	18 U	1100
50-32-8	Benzo(a)pyrene	ug/Kg	110 J	4300
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	9.8 U	1600
53-70-3	Dibenz(a,h)anthracene	ug/Kg	29 U	570
191-24-2	Benzo(g,h,i)perylene	ug/Kg	45 J	1900

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1659		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-52 (12-14) Z1659-01 12-14' Chemtech Z1659 SOIL 2/23/2008 4/10/2008	SB-52 (14-16) Z1659-02 14-16' Chemtech Z1659 SOIL 2/23/2008 4/10/2008
CAS NO.	COMPOUND	UNITS:		
	INORGANICS			
7429-90-5	Aluminum	mg/Kg	3620	3090
7440-36-0	Antimony	mg/Kg	0.264 U	0.258 U
7440-38-2	Arsenic	mg/Kg	0.696 J	1.03
7440-39-3	Barium	mg/Kg	21.2	20.7
7440-41-7	Beryllium	mg/Kg	0.211 J	0.173 J
7440-43-9	Cadmium	mg/Kg	0.047 U	0.046 U
7440-70-2	Calcium	mg/Kg	619	670
7440-47-3	Chromium	mg/Kg	9.14	6.48
7440-48-4	Cobalt	mg/Kg	3.4	2.57
7440-50-8	Copper	mg/Kg	6.25 J	6.35 J
7439-89-6	Iron	mg/Kg	6320	5240
7439-92-1	Lead	mg/Kg	3.19 J	2.59 J
7439-95-4	Magnesium	mg/Kg	1390	1110
7439-96-5	Manganese	mg/Kg	336 J	345 J
7439-97-6	Mercury	mg/Kg	0.004 U	0.004 U
7440-02-0	Nickel	mg/Kg	9.35	8.15
7440-09-7	Potassium	mg/Kg	609	607
7782-49-2	Selenium	mg/Kg	0.14 U	0.137 U
7440-22-4	Silver	mg/Kg	0.14 U	0.137 U
7440-23-5	Sodium	mg/Kg	173	178
7440-28-0	Thallium	mg/Kg	1.47 U	1.44 U
7440-62-2	Vanadium	mg/Kg	9.91 J	7.85 J
7440-66-6	Zinc	mg/Kg	13.4 J	11.6 J
57-12-5	Cyanide	mg/Kg	0.585 U	0.577 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1796		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-53 (15-17) Z1796-01 15-17' Chemtech Z1796 SOIL 3/1/2008 4/11/2008	SB-53 (17-19) Z1796-02 17-19' Chemtech Z1796 SOIL 3/1/2008 4/11/2008
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
75-71-8	Dichlorodifluoromethane	ug/Kg	12 UJ	11 UJ
74-87-3	Chloromethane	ug/Kg	8 U	7.9 U
75-01-4	Vinyl chloride	ug/Kg	8.3 U	8.2 U
74-83-9	Bromomethane	ug/Kg	12 U	12 U
75-00-3	Chloroethane	ug/Kg	11 U	11 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.2 U	7.1 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	10 U	10 U
75-35-4	1,1-Dichloroethene	ug/Kg	6 U	6 U
67-64-1	Acetone	ug/Kg	100 U	100 U
75-15-0	Carbon Disulfide	ug/Kg	6.5 U	6.4 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.4 U	5.3 U
79-20-9	Methyl Acetate	ug/Kg	10 U	10 U
75-09-2	Methylene Chloride	ug/Kg	15 U	14 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	7.4 U	7.3 U
75-34-3	1,1-Dichloroethane	ug/Kg	6.8 U	6.7 U
110-82-7	Cyclohexane	ug/Kg	6.2 U	6.1 U
78-93-3	2-Butanone	ug/Kg	30 U	30 U
56-23-5	Carbon Tetrachloride	ug/Kg	3.6 U	3.5 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	7.8 U	7.7 U
67-66-3	Chloroform	ug/Kg	5.4 U	5.3 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.7 U	5.7 U
108-87-2	Methylcyclohexane	ug/Kg	5 U	4.9 U
71-43-2	Benzene	ug/Kg	4.3 U	4.3 U
107-06-2	1,2-Dichloroethane	ug/Kg	5 U	4.9 U
79-01-6	Trichloroethene	ug/Kg	4.4 U	4.3 U
78-87-5	1,2-Dichloropropane	ug/Kg	5.7 U	5.6 U
75-27-4	Bromodichloromethane	ug/Kg	4.2 U	4.2 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	23 U	23 U
108-88-3	Toluene	ug/Kg	5.3 U	5.2 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	5.1 U	5 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4 U	4 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	3.7 U	3.6 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1796		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-53 (15-17) Z1796-01 15-17' Chemtech Z1796 SOIL 3/1/2008 4/11/2008	SB-53 (17-19) Z1796-02 17-19' Chemtech Z1796 SOIL 3/1/2008 4/11/2008
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
591-78-6	2-Hexanone	ug/Kg	26 U	26 U
124-48-1	Dibromochloromethane	ug/Kg	4 UJ	3.9 UJ
106-93-4	1,2-Dibromoethane	ug/Kg	5 U	4.9 U
127-18-4	Tetrachloroethene	ug/Kg	7.5 U	7.4 U
108-90-7	Chlorobenzene	ug/Kg	4.6 U	4.5 U
100-41-4	Ethyl Benzene	ug/Kg	4.8 U	4.8 U
136777-61-2	m/p-Xylenes	ug/Kg	11 U	11 U
1330-20-7	o-Xylene	ug/Kg	4.6 U	4.5 U
100-42-5	Styrene	ug/Kg	3.7 U	3.7 U
75-25-2	Bromoform	ug/Kg	4.9 U	4.8 U
98-82-8	Isopropylbenzene	ug/Kg	5 U	4.9 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	5.4 U	5.3 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	4 U	4 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	4.6 U	4.6 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	5.2 U	5.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	6.2 U	6.1 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4 U	3.9 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1796		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-53 (15-17) Z1796-01 15-17' Chemtech Z1796 SOIL 3/1/2008 4/11/2008	SB-53 (17-19) Z1796-02 17-19' Chemtech Z1796 SOIL 3/1/2008 4/11/2008
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
100-52-7	Benzaldehyde	ug/Kg	13 U	13 U
108-95-2	Phenol	ug/Kg	11 U	11 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	5.3 U	5.1 U
95-57-8	2-Chlorophenol	ug/Kg	11 U	11 U
50-32-8	2-Methylphenol	ug/Kg	11 U	10 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	17 U	16 U
98-86-2	Acetophenone	ug/Kg	12 U	12 U
87-86-5	3+4-Methylphenols	ug/Kg	12 U	12 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	15 U	14 U
67-72-1	Hexachloroethane	ug/Kg	13 U	13 U
98-95-3	Nitrobenzene	ug/Kg	9.4 U	9.2 U
78-59-1	Isophorone	ug/Kg	13 U	13 U
88-75-5	2-Nitrophenol	ug/Kg	15 U	14 U
105-67-9	2,4-Dimethylphenol	ug/Kg	12 U	12 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	9.2 U	9 U
120-83-2	2,4-Dichlorophenol	ug/Kg	9.5 U	9.3 U
91-20-3	Naphthalene	ug/Kg	9.7 U	9.5 U
106-47-8	4-Chloroaniline	ug/Kg	26 U	26 U
87-68-3	Hexachlorobutadiene	ug/Kg	16 U	16 U
105-60-2	Caprolactam	ug/Kg	48 U	47 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	12 U	12 U
91-57-6	2-Methylnaphthalene	ug/Kg	11 U	11 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	21 U	20 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	9.4 U	9.1 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	12 U	12 U
92-52-4	1,1-Biphenyl	ug/Kg	12 U	12 U
91-58-7	2-Chloronaphthalene	ug/Kg	9.8 U	9.5 U
621-64-7	2-Nitroaniline	ug/Kg	19 U	18 U
131-11-3	Dimethylphthalate	ug/Kg	12 U	11 U
208-96-8	Acenaphthylene	ug/Kg	5.9 U	5.7 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	14 U	14 U
621-64-7	3-Nitroaniline	ug/Kg	27 U	26 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1796		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-53 (15-17) Z1796-01 15-17' Chemtech Z1796 SOIL 3/1/2008 4/11/2008	SB-53 (17-19) Z1796-02 17-19' Chemtech Z1796 SOIL 3/1/2008 4/11/2008
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
83-32-9	Acenaphthene	ug/Kg	8.7 U	8.5 U
51-28-5	2,4-Dinitrophenol	ug/Kg	21 UJ	21 UJ
100-02-7	4-Nitrophenol	ug/Kg	24 UJ	23 UJ
132-64-9	Dibenzofuran	ug/Kg	12 U	12 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	13 U	13 U
84-66-2	Diethylphthalate	ug/Kg	14 U	13 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	15 U	15 U
86-73-7	Fluorene	ug/Kg	11 U	11 U
621-64-7	4-Nitroaniline	ug/Kg	32 U	31 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	54 U	53 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	30 U	29 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	18 U	18 U
118-74-1	Hexachlorobenzene	ug/Kg	12 U	12 U
1912-24-9	Atrazine	ug/Kg	28 U	28 U
87-86-5	Pentachlorophenol	ug/Kg	46 U	44 U
85-01-8	Phenanthrene	ug/Kg	13 U	12 U
120-12-7	Anthracene	ug/Kg	14 U	13 U
86-74-8	Carbazole	ug/Kg	31 U	30 U
84-74-2	Di-n-butylphthalate	ug/Kg	19 U	18 U
206-44-0	Fluoranthene	ug/Kg	9.8 U	9.5 U
129-00-0	Pyrene	ug/Kg	8.8 U	8.5 U
85-68-7	Butylbenzylphthalate	ug/Kg	25 U	25 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	30 U	30 U
120-12-7	Benzo(a)anthracene	ug/Kg	9.7 U	9.4 U
218-01-9	Chrysene	ug/Kg	7.5 U	7.3 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	15 U	15 U
117-84-0	Di-n-octyl phthalate	ug/Kg	14 U	14 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	29 U	28 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	18 U	18 U
50-32-8	Benzo(a)pyrene	ug/Kg	12 U	12 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	10 U	9.9 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	30 U	29 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	29 U	28 U

Consolidated Edison W 45th Street Validated Soil Analytical Data SDG: Z1796		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-53 (15-17) Z1796-01 15-17' Chemtech Z1796 SOIL 3/1/2008 4/11/2008	SB-53 (17-19) Z1796-02 17-19' Chemtech Z1796 SOIL 3/1/2008 4/11/2008
CAS NO.	COMPOUND	UNITS:		
	INORGANICS			
7429-90-5	Aluminum	mg/Kg	6030	5920
7440-36-0	Antimony	mg/Kg	0.49 J	1.1 J
7440-38-2	Arsenic	mg/Kg	0.16 U	0.45 J
7440-39-3	Barium	mg/Kg	54.4	81.1
7440-41-7	Beryllium	mg/Kg	0.44	0.44
7440-43-9	Cadmium	mg/Kg	0.05 U	0.05 U
7440-70-2	Calcium	mg/Kg	785 J	1440 J
7440-47-3	Chromium	mg/Kg	19.3 J	15.6 J
7440-48-4	Cobalt	mg/Kg	4.2 J	7 J
7440-50-8	Copper	mg/Kg	40.9	49.5
7439-89-6	Iron	mg/Kg	10900 J	14000 J
7439-92-1	Lead	mg/Kg	4.8 J	5.6 J
7439-95-4	Magnesium	mg/Kg	2090 J	2520 J
7439-96-5	Manganese	mg/Kg	110 J	522 J
7439-97-6	Mercury	mg/Kg	0.004 U	0.005 J
7440-02-0	Nickel	mg/Kg	11.3 J	15.9 J
7440-09-7	Potassium	mg/Kg	1350	1580
7782-49-2	Selenium	mg/Kg	0.53 J	0.14 U
7440-22-4	Silver	mg/Kg	0.65 U	0.63 U
7440-23-5	Sodium	mg/Kg	346 J	325 J
7440-28-0	Thallium	mg/Kg	1.5 U	1.5 U
7440-62-2	Vanadium	mg/Kg	20.8	23.6
7440-66-6	Zinc	mg/Kg	19.8 J	28.1 J
57-12-5	Cyanide	mg/Kg	0.611 U	0.596 U

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR

GROUNDWATER AND LIQUID WASTE

Consolidated Edison		Sample ID:	WATER-1
W 45th Street		Lab Sample Id	Y2531-03
Validated Water Analytical Data		Depth:	
SDG: Y2531		Source:	Chemtech
		SDG:	Y2531
		Matrix:	WATER
		Sampled:	4/30/2007
		Validated:	6/22/2007
CAS NO.	COMPOUND	UNITS:	
	VOLATILES		
75-71-8	Dichlorodifluoromethane	ug/L	0.17 U
74-87-3	Chloromethane	ug/L	0.34 UJ
75-01-4	Vinyl chloride	ug/L	0.33 U
74-83-9	Bromomethane	ug/L	0.41 UJ
75-00-3	Chloroethane	ug/L	0.83 UJ
75-69-4	Trichlorofluoromethane	ug/L	0.22 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	1.3 U
75-35-4	1,1-Dichloroethene	ug/L	0.42 U
67-64-1	Acetone	ug/L	16 J
75-15-0	Carbon Disulfide	ug/L	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/L	0.28 U
79-20-9	Methyl Acetate	ug/L	0.2 U
75-09-2	Methylene Chloride	ug/L	0.43 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.4 U
75-34-3	1,1-Dichloroethane	ug/L	0.38 U
110-82-7	Cyclohexane	ug/L	0.36 U
78-93-3	2-Butanone	ug/L	1.1 UJ
56-23-5	Carbon Tetrachloride	ug/L	1.1 U
156-59-2	cis-1,2-Dichloroethene	ug/L	0.29 U
67-66-3	Chloroform	ug/L	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.32 U
108-87-2	Methylcyclohexane	ug/L	1.8 J
71-43-2	Benzene	ug/L	1.4 J
107-06-2	1,2-Dichloroethane	ug/L	0.34 U
79-01-6	Trichloroethene	ug/L	0.46 U
78-87-5	1,2-Dichloropropane	ug/L	0.4 U
75-27-4	Bromodichloromethane	ug/L	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/L	1.6 U
108-88-3	Toluene	ug/L	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.41 U
591-78-6	2-Hexanone	ug/L	1.7 U
124-48-1	Dibromochloromethane	ug/L	0.26 U
106-93-4	1,2-Dibromoethane	ug/L	0.32 U
127-18-4	Tetrachloroethene	ug/L	0.48 UJ
108-90-7	Chlorobenzene	ug/L	0.47 U
100-41-4	Ethyl Benzene	ug/L	1.1 J
136777-61-2	m/p-Xylenes	ug/L	1.5 J
1330-20-7	o-Xylene	ug/L	1.1 J
100-42-5	Styrene	ug/L	0.41 U
75-25-2	Bromoform	ug/L	0.32 U
98-82-8	Isopropylbenzene	ug/L	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.3 UJ
541-73-1	1,3-Dichlorobenzene	ug/L	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.54 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.44 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.38 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.46 U

Consolidated Edison		Sample ID:	WATER-1
W 45th Street		Lab Sample Id	Y2531-03
Validated Water Analytical Data		Depth:	
SDG: Y2531		Source:	Chemtech
		SDG:	Y2531
		Matrix:	WATER
		Sampled:	4/30/2007
		Validated:	6/22/2007
CAS NO.	COMPOUND	UNITS:	
	SEMIVOLATILES		
100-52-7	Benzaldehyde	ug/L	1.8 U
108-95-2	Phenol	ug/L	1.4 U
95-57-8	2-Chlorophenol	ug/L	1.2 U
50-32-8	2-Methylphenol	ug/L	1.6 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	1.3 U
98-86-2	Acetophenone	ug/L	1.3 U
87-86-5	3+4-Methylphenols	ug/L	1.4 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	1.5 U
67-72-1	Hexachloroethane	ug/L	1.3 U
98-95-3	Nitrobenzene	ug/L	1.7 U
78-59-1	Isophorone	ug/L	1.4 U
88-75-5	2-Nitrophenol	ug/L	1.5 U
105-67-9	2,4-Dimethylphenol	ug/L	1.3 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	1.5 U
120-83-2	2,4-Dichlorophenol	ug/L	1.5 U
91-20-3	Naphthalene	ug/L	1.9 J
106-47-8	4-Chloroaniline	ug/L	0.92 U
87-68-3	Hexachlorobutadiene	ug/L	1.5 U
105-60-2	Caprolactam	ug/L	1.3 U
59-50-7	4-Chloro-3-methylphenol	ug/L	1.5 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	1.5 U
91-57-6	2-Methylnaphthalene	ug/L	1.3 J
77-47-4	Hexachlorocyclopentadiene	ug/L	1.2 U
88-06-2	2,4,6-Trichlorophenol	ug/L	1.2 U
95-95-4	2,4,5-Trichlorophenol	ug/L	1.3 U
92-52-4	1,1-Biphenyl	ug/L	1.5 U
91-58-7	2-Chloronaphthalene	ug/L	1.5 U
621-64-7	2-Nitroaniline	ug/L	1.1 U
131-11-3	Dimethylphthalate	ug/L	1.3 U
208-96-8	Acenaphthylene	ug/L	1.4 U
606-20-2	2,6-Dinitrotoluene	ug/L	1.3 U
621-64-7	3-Nitroaniline	ug/L	1.1 U
83-32-9	Acenaphthene	ug/L	1.4 U
51-28-5	2,4-Dinitrophenol	ug/L	3.8 U
100-02-7	4-Nitrophenol	ug/L	3.3 U
132-64-9	Dibenzofuran	ug/L	1.4 U
121-14-2	2,4-Dinitrotoluene	ug/L	1.3 U
84-66-2	Diethylphthalate	ug/L	1.4 U
7005-72-3	4-Chlorophenyl-phenylether	ug/L	1.5 U
86-73-7	Fluorene	ug/L	1.5 U
621-64-7	4-Nitroaniline	ug/L	1.2 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1.7 U
86-30-6	N-Nitrosodiphenylamine	ug/L	1.3 U
101-55-3	4-Bromophenyl-phenylether	ug/L	1.6 U
118-74-1	Hexachlorobenzene	ug/L	1.3 U
1912-24-9	Atrazine	ug/L	1.3 U
87-86-5	Pentachlorophenol	ug/L	1.7 U
85-01-8	Phenanthrene	ug/L	1.5 U
120-12-7	Anthracene	ug/L	1.5 U
86-74-8	Carbazole	ug/L	1.4 U
84-74-2	Di-n-butylphthalate	ug/L	1.4 U
206-44-0	Fluoranthene	ug/L	1.3 U
129-00-0	Pyrene	ug/L	1.6 U
85-68-7	Butylbenzylphthalate	ug/L	1.5 U
91-94-1	3,3-Dichlorobenzidine	ug/L	1.1 U
120-12-7	Benzo(a)anthracene	ug/L	1.2 U
218-01-9	Chrysene	ug/L	1.8 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	1.6 U
117-84-0	Di-n-octyl phthalate	ug/L	1.4 U
205-99-2	Benzo(b)fluoranthene	ug/L	0.81 U
207-08-9	Benzo(k)fluoranthene	ug/L	2 U
50-32-8	Benzo(a)pyrene	ug/L	1.3 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	0.89 U
53-70-3	Dibenz(a,h)anthracene	ug/L	0.93 U
191-24-2	Benzo(g,h,i)perylene	ug/L	1.2 U

Consolidated Edison W 45th Street Validated Water Analytical Data SDG: Y2531		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	WATER-1 Y2531-03 Chemtech Y2531 WATER 4/30/2007 6/22/2007
CAS NO.	COMPOUND	UNITS:	
	PCBs		
12674-11-2	Aroclor-1016	ug/L	0.151 U
11104-28-2	Aroclor-1221	ug/L	0.177 U
11141-16-5	Aroclor-1232	ug/L	0.114 U
53469-21-9	Aroclor-1242	ug/L	0.087 U
12672-29-6	Aroclor-1248	ug/L	0.044 U
11097-69-1	Aroclor-1254	ug/L	0.039 U
11096-82-5	Aroclor-1260	ug/L	0.16 U
	METALS		
7429-90-5	Aluminum	ug/L	7680 J
7440-36-0	Antimony	ug/L	3.1 U
7440-38-2	Arsenic	ug/L	44.6
7440-39-3	Barium	ug/L	175 J
7440-41-7	Beryllium	ug/L	0.97 J
7440-43-9	Cadmium	ug/L	3.31
7440-70-2	Calcium	ug/L	123000 J
7440-47-3	Chromium	ug/L	33.3 J
7440-48-4	Cobalt	ug/L	25.8
7440-50-8	Copper	ug/L	105 J
7439-89-6	Iron	ug/L	19900 J
7439-92-1	Lead	ug/L	317 J
7439-95-4	Magnesium	ug/L	123000 J
7439-96-5	Manganese	ug/L	430 J
7439-97-6	Mercury	ug/L	1.4 J
7440-02-0	Nickel	ug/L	30.5
7440-09-7	Potassium	ug/L	75600 J
7782-49-2	Selenium	ug/L	2.86 J
7440-22-4	Silver	ug/L	7.48
7440-23-5	Sodium	ug/L	1550000
7440-28-0	Thallium	ug/L	7.5 U
7440-62-2	Vanadium	ug/L	42.5
7440-66-6	Zinc	ug/L	1850 J
	OTHER		
	TPH	mg/L	5 U
	WASTE CHARACTERISTICS		
	Reactive Cyanide	mg/Kg	10 U
	Flashpoint	o C	>100
	Reactive Sulfide	mg/Kg	40 U
	Ignitability	ignit.	NO

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16 Y2633-17 Chemtech Y2633 WATER 5/8/2007 6/24/2007	MW-55 Y2633-14 Chemtech Y2633 WATER 5/8/2007 6/24/2007	TRIPBLANK Y2633-18 Chemtech Y2633 WATER 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:			
	VOLATILES				
75-71-8	Dichlorodifluoromethane	ug/L	0.17 U	0.17 U	0.17 U
74-87-3	Chloromethane	ug/L	0.34 U	0.34 UJ	0.34 U
75-01-4	Vinyl chloride	ug/L	0.33 UJ	0.33 UJ	0.33 U
74-83-9	Bromomethane	ug/L	0.41 U	0.41 U	0.41 U
75-00-3	Chloroethane	ug/L	0.83 UJ	0.83 UJ	0.83 UJ
75-69-4	Trichlorofluoromethane	ug/L	0.22 UJ	0.22 UJ	0.22 UJ
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	1.3 U	1.3 U	1.3 U
75-35-4	1,1-Dichloroethene	ug/L	0.42 U	0.42 U	0.42 U
67-64-1	Acetone	ug/L	R	R	R
75-15-0	Carbon Disulfide	ug/L	0.4 U	0.4 U	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/L	0.28 U	0.28 U	0.28 U
79-20-9	Methyl Acetate	ug/L	0.2 U	0.2 U	0.2 U
75-09-2	Methylene Chloride	ug/L	0.43 U	0.43 U	0.43 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.4 U	0.4 U	0.4 U
75-34-3	1,1-Dichloroethane	ug/L	0.38 U	0.38 U	0.38 U
110-82-7	Cyclohexane	ug/L	0.36 U	0.36 U	0.36 U
78-93-3	2-Butanone	ug/L	1.1 U	1.1 U	1.1 U
56-23-5	Carbon Tetrachloride	ug/L	1.1 U	1.1 U	1.1 U
156-59-2	cis-1,2-Dichloroethene	ug/L	0.29 U	0.29 U	0.29 U
67-66-3	Chloroform	ug/L	0.33 U	0.33 U	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.32 U	0.32 U	0.32 U
108-87-2	Methylcyclohexane	ug/L	0.34 U	0.34 U	0.34 U
71-43-2	Benzene	ug/L	1.3 J	0.39 U	0.39 U
107-06-2	1,2-Dichloroethane	ug/L	0.34 U	0.34 U	0.34 U
79-01-6	Trichloroethene	ug/L	0.46 U	0.46 U	0.46 U
78-87-5	1,2-Dichloropropane	ug/L	0.4 U	0.4 U	0.4 U
75-27-4	Bromodichloromethane	ug/L	0.33 U	0.33 U	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/L	1.6 U	1.6 U	1.6 U
108-88-3	Toluene	ug/L	0.36 U	0.36 U	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.32 U	0.32 U	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.36 U	0.36 U	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.41 U	0.41 U	0.41 U

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16 Y2633-17 Chemtech Y2633 WATER 5/8/2007 6/24/2007	MW-55 Y2633-14 Chemtech Y2633 WATER 5/8/2007 6/24/2007	TRIPBLANK Y2633-18 Chemtech Y2633 WATER 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:			
	VOLATILES				
591-78-6	2-Hexanone	ug/L	1.7 U	1.7 U	1.7 U
124-48-1	Dibromochloromethane	ug/L	0.26 U	0.26 U	0.26 U
106-93-4	1,2-Dibromoethane	ug/L	0.32 U	0.32 U	0.32 U
127-18-4	Tetrachloroethene	ug/L	0.48 UJ	0.48 UJ	0.48 U
108-90-7	Chlorobenzene	ug/L	0.47 U	0.47 U	0.47 U
100-41-4	Ethyl Benzene	ug/L	0.45 U	0.45 U	0.45 U
136777-61-2	m/p-Xylenes	ug/L	1.2 U	1.2 U	1.2 U
1330-20-7	o-Xylene	ug/L	0.46 U	0.46 U	0.46 U
100-42-5	Styrene	ug/L	0.41 U	0.41 U	0.41 U
75-25-2	Bromoform	ug/L	0.32 U	0.32 U	0.32 UJ
98-82-8	Isopropylbenzene	ug/L	0.44 U	0.44 U	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.3 U	0.3 U	0.3 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.38 U	0.38 U	0.38 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.44 U	0.44 U	0.44 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.54 U	0.54 U	0.54 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.46 U	0.46 UJ	0.46 U

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16 Y2633-17 Chemtech Y2633 WATER 5/8/2007 6/24/2007	MW-55 Y2633-14 Chemtech Y2633 WATER 5/8/2007 6/24/2007	TRIPBLANK Y2633-18 Chemtech Y2633 WATER 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES				
100-52-7	Benzaldehyde	ug/L	1.7 U	1.7 U	
108-95-2	Phenol	ug/L	1.3 U	1.3 U	
95-57-8	2-Chlorophenol	ug/L	1.2 U	1.2 U	
50-32-8	2-Methylphenol	ug/L	1.6 U	1.6 U	
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	1.3 U	1.3 U	
98-86-2	Acetophenone	ug/L	1.3 U	1.3 U	
87-86-5	3+4-Methylphenols	ug/L	1.4 U	1.4 U	
621-64-7	N-Nitroso-di-n-propylamine	ug/L	1.4 U	1.5 U	
67-72-1	Hexachloroethane	ug/L	1.2 U	1.2 U	
98-95-3	Nitrobenzene	ug/L	1.6 U	1.7 U	
78-59-1	Isophorone	ug/L	1.3 U	1.3 U	
88-75-5	2-Nitrophenol	ug/L	1.4 U	1.4 U	
105-67-9	2,4-Dimethylphenol	ug/L	1.2 U	1.2 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	1.4 U	1.4 U	
120-83-2	2,4-Dichlorophenol	ug/L	1.5 U	1.5 U	
91-20-3	Naphthalene	ug/L	1.4 U	1.5 U	
106-47-8	4-Chloroaniline	ug/L	0.89 U	0.9 U	
87-68-3	Hexachlorobutadiene	ug/L	1.4 U	1.4 U	
105-60-2	Caprolactam	ug/L	1.3 U	1.3 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	1.4 U	1.4 U	
111-44-4	bis(2-Chloroethyl)ether	ug/L	1.5 U	1.5 U	
91-57-6	2-Methylnaphthalene	ug/L	1.1 U	1.1 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	1.2 U	1.2 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	1.2 U	1.2 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	1.3 U	1.3 U	
92-52-4	1,1-Biphenyl	ug/L	1.5 U	1.5 U	
91-58-7	2-Chloronaphthalene	ug/L	1.4 U	1.5 U	
621-64-7	2-Nitroaniline	ug/L	1.1 U	1.1 U	
131-11-3	Dimethylphthalate	ug/L	1.3 U	1.3 U	
208-96-8	Acenaphthylene	ug/L	1.3 U	1.4 U	
606-20-2	2,6-Dinitrotoluene	ug/L	1.3 U	1.3 U	
621-64-7	3-Nitroaniline	ug/L	1.1 U	1.1 U	
83-32-9	Acenaphthene	ug/L	1.4 U	1.4 U	
51-28-5	2,4-Dinitrophenol	ug/L	3.6 U	3.7 U	
100-02-7	4-Nitrophenol	ug/L	3.2 U	3.3 U	

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16 Y2633-17 Chemtech Y2633 WATER 5/8/2007 6/24/2007	MW-55 Y2633-14 Chemtech Y2633 WATER 5/8/2007 6/24/2007	TRIPBLANK Y2633-18 Chemtech Y2633 WATER 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES				
132-64-9	Dibenzofuran	ug/L	1.3 U	1.4 U	
121-14-2	2,4-Dinitrotoluene	ug/L	1.3 U	1.3 U	
84-66-2	Diethylphthalate	ug/L	1.4 U	1.4 U	
7005-72-3	4-Chlorophenyl-phenylether	ug/L	1.4 U	1.4 U	
86-73-7	Fluorene	ug/L	1.5 U	1.5 U	
621-64-7	4-Nitroaniline	ug/L	1.2 U	1.2 U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1.7 U	1.7 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	1.3 U	1.3 U	
101-55-3	4-Bromophenyl-phenylether	ug/L	1.5 U	1.6 U	
118-74-1	Hexachlorobenzene	ug/L	1.3 U	1.3 U	
1912-24-9	Atrazine	ug/L	1.3 U	1.3 U	
87-86-5	Pentachlorophenol	ug/L	1.6 U	1.7 U	
85-01-8	Phenanthrene	ug/L	1.5 U	1.5 U	
120-12-7	Anthracene	ug/L	1.5 U	1.5 U	
86-74-8	Carbazole	ug/L	1.3 U	1.3 U	
84-74-2	Di-n-butylphthalate	ug/L	1.4 U	1.4 U	
206-44-0	Fluoranthene	ug/L	1.3 U	1.3 U	
129-00-0	Pyrene	ug/L	1.5 U	1.5 U	
85-68-7	Butylbenzylphthalate	ug/L	1.5 U	1.5 U	
91-94-1	3,3-Dichlorobenzidine	ug/L	1.1 U	1.1 U	
120-12-7	Benzo(a)anthracene	ug/L	1.2 U	1.2 U	
218-01-9	Chrysene	ug/L	1.7 U	1.8 U	
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	1.6 J	1.6 U	
117-84-0	Di-n-octyl phthalate	ug/L	1.3 U	1.4 U	
205-99-2	Benzo(b)fluoranthene	ug/L	0.78 U	0.79 U	
207-08-9	Benzo(k)fluoranthene	ug/L	2 U	2 U	
50-32-8	Benzo(a)pyrene	ug/L	1.2 U	1.2 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	0.86 U	0.87 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	0.9 U	0.91 U	
191-24-2	Benzo(g,h,i)perylene	ug/L	1.1 U	1.1 U	

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2663		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16 Y2633-17 Chemtech Y2633 WATER 5/8/2007 6/24/2007	MW-55 Y2633-14 Chemtech Y2633 WATER 5/8/2007 6/24/2007	TRIPBLANK Y2633-18 Chemtech Y2633 WATER 5/8/2007 6/24/2007
CAS NO.	COMPOUND	UNITS:			
	INORGANICS				
7429-90-5	Aluminum	ug/L	176	85.2	
7440-36-0	Antimony	ug/L	13.2 J	34.6	
7440-38-2	Arsenic	ug/L	3.1 U	3.1 U	
7440-39-3	Barium	ug/L	46.7 J	29.3 J	
7440-41-7	Beryllium	ug/L	0.1 U	0.1 U	
7440-43-9	Cadmium	ug/L	0.9 U	0.9 U	
7440-70-2	Calcium	ug/L	172000 J	91400 J	
7440-47-3	Chromium	ug/L	4.13 J	7.1	
7440-48-4	Cobalt	ug/L	2.25 J	5.84 J	
7440-50-8	Copper	ug/L	9.1 J	10.7	
7439-89-6	Iron	ug/L	287	1250	
7439-92-1	Lead	ug/L	2.33 J	2.07 J	
7439-95-4	Magnesium	ug/L	185000	233000	
7439-96-5	Manganese	ug/L	21.1	14.3	
7439-97-6	Mercury	ug/L	0.12 J	0.11 U	
7440-02-0	Nickel	ug/L	5.64 J	4.94 J	
7440-09-7	Potassium	ug/L	117000 J	108000 J	
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	
7440-22-4	Silver	ug/L	3.24 J	7.92	
7440-23-5	Sodium	ug/L	2440000 J	2470000 J	
7440-28-0	Thallium	ug/L	7.5 U	7.5 U	
7440-62-2	Vanadium	ug/L	9.95 J	6.68 J	
7440-66-6	Zinc	ug/L	46.3	48.6	
57-12-5	Cyanide	ug/L	10 U	10 U	
57-12-5A	Available Cyanide	ug/L	0.91 UJ	4.55 UJ	

Consolidated Edison		Sample ID:	WATER-2
W 45th Street		Lab Sample Id:	Y2674-01
Validated Liquid Waste Characteristic Data		Source:	Chemtech
SDG: Y2674		SDG:	Y2674
		Matrix:	WATER
		Sampled:	5/9/2007
		Validated:	6/23/2007
CAS NO.	COMPOUND	UNITS:	
	VOLATILES		
75-71-8	Dichlorodifluoromethane	ug/L	0.17 U
74-87-3	Chloromethane	ug/L	0.34 U
75-01-4	Vinyl chloride	ug/L	0.33 U
74-83-9	Bromomethane	ug/L	0.41 U
75-00-3	Chloroethane	ug/L	0.83 U
75-69-4	Trichlorofluoromethane	ug/L	0.22 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	1.3 U
75-35-4	1,1-Dichloroethene	ug/L	0.42 U
67-64-1	Acetone	ug/L	R
75-15-0	Carbon Disulfide	ug/L	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/L	0.28 UJ
79-20-9	Methyl Acetate	ug/L	0.2 UJ
75-09-2	Methylene Chloride	ug/L	0.43 UJ
156-60-5	trans-1,2-Dichloroethene	ug/L	0.4 U
75-34-3	1,1-Dichloroethane	ug/L	0.38 U
110-82-7	Cyclohexane	ug/L	0.36 U
78-93-3	2-Butanone	ug/L	1.1 U
56-23-5	Carbon Tetrachloride	ug/L	1.1 UJ
156-59-2	cis-1,2-Dichloroethene	ug/L	0.29 U
67-66-3	Chloroform	ug/L	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.32 UJ
108-87-2	Methylcyclohexane	ug/L	0.34 U
71-43-2	Benzene	ug/L	8400 J
107-06-2	1,2-Dichloroethane	ug/L	0.34 U
79-01-6	Trichloroethene	ug/L	0.46 U
78-87-5	1,2-Dichloropropane	ug/L	0.4 U
75-27-4	Bromodichloromethane	ug/L	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/L	1.6 U
108-88-3	Toluene	ug/L	2900 J
10061-02-6	t-1,3-Dichloropropene	ug/L	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.41 U

Consolidated Edison W 45th Street Validated Liquid Waste Characteristic Data SDG: Y2674		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	WATER-2 Y2674-01 Chemtech Y2674 WATER 5/9/2007 6/23/2007
CAS NO.	COMPOUND	UNITS:	
	VOLATILES		
591-78-6	2-Hexanone	ug/L	1.7 U
124-48-1	Dibromochloromethane	ug/L	0.26 UJ
106-93-4	1,2-Dibromoethane	ug/L	0.32 U
127-18-4	Tetrachloroethene	ug/L	0.48 U
108-90-7	Chlorobenzene	ug/L	0.47 U
100-41-4	Ethyl Benzene	ug/L	2400
136777-61-2	m/p-Xylenes	ug/L	1900
1330-20-7	o-Xylene	ug/L	1200
100-42-5	Styrene	ug/L	10
75-25-2	Bromoform	ug/L	0.32 UJ
98-82-8	Isopropylbenzene	ug/L	75
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.3 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.54 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.44 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.38 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.46 U

Consolidated Edison W 45th Street Validated Liquid Waste Characteristic Data SDG: Y2674		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	WATER-2 Y2674-01 Chemtech Y2674 WATER 5/9/2007 6/23/2007
CAS NO.	COMPOUND	UNITS:	
	SEMIVOLATILES		
100-52-7	Benzaldehyde	ug/L	1.6 U
108-95-2	Phenol	ug/L	1.3 U
95-57-8	2-Chlorophenol	ug/L	1.1 U
50-32-8	2-Methylphenol	ug/L	1.5 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	1.2 U
98-86-2	Acetophenone	ug/L	13
87-86-5	3+4-Methylphenols	ug/L	1.3 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	1.4 U
67-72-1	Hexachloroethane	ug/L	1.2 U
98-95-3	Nitrobenzene	ug/L	1.6 U
78-59-1	Isophorone	ug/L	1.3 U
88-75-5	2-Nitrophenol	ug/L	1.4 U
105-67-9	2,4-Dimethylphenol	ug/L	10
111-91-1	bis(2-Chloroethoxy)methane	ug/L	1.4 U
120-83-2	2,4-Dichlorophenol	ug/L	1.4 U
91-20-3	Naphthalene	ug/L	5700
106-47-8	4-Chloroaniline	ug/L	0.86 U
87-68-3	Hexachlorobutadiene	ug/L	1.4 U
105-60-2	Caprolactam	ug/L	1.2 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	1.4 U
59-50-7	4-Chloro-3-methylphenol	ug/L	1.4 U
91-57-6	2-Methylnaphthalene	ug/L	890 J
77-47-4	Hexachlorocyclopentadiene	ug/L	1.2 U
88-06-2	2,4,6-Trichlorophenol	ug/L	1.1 U
95-95-4	2,4,5-Trichlorophenol	ug/L	1.2 U
92-52-4	1,1-Biphenyl	ug/L	64 J
91-58-7	2-Chloronaphthalene	ug/L	1.4 U
621-64-7	2-Nitroaniline	ug/L	1.1 U
131-11-3	Dimethylphthalate	ug/L	1.3 U
208-96-8	Acenaphthylene	ug/L	82 J
606-20-2	2,6-Dinitrotoluene	ug/L	1.2 U
621-64-7	3-Nitroaniline	ug/L	1 U
83-32-9	Acenaphthene	ug/L	150
51-28-5	2,4-Dinitrophenol	ug/L	3.5 U
100-02-7	4-Nitrophenol	ug/L	3.1 U

Consolidated Edison		Sample ID:	WATER-2
W 45th Street		Lab Sample Id:	Y2674-01
Validated Liquid Waste Characteristic Data		Source:	Chemtech
SDG: Y2674		SDG:	Y2674
		Matrix:	WATER
		Sampled:	5/9/2007
		Validated:	6/23/2007
CAS NO.	COMPOUND	UNITS:	
	SEMIVOLATILES		
132-64-9	Dibenzofuran	ug/L	7.6 J
121-14-2	2,4-Dinitrotoluene	ug/L	1.2 U
84-66-2	Diethylphthalate	ug/L	1.3 U
7005-72-3	4-Chlorophenyl-phenylether	ug/L	1.4 U
86-73-7	Fluorene	ug/L	91 J
621-64-7	4-Nitroaniline	ug/L	1.1 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1.6 U
86-30-6	N-Nitrosodiphenylamine	ug/L	1.2 U
101-55-3	4-Bromophenyl-phenylether	ug/L	1.5 U
118-74-1	Hexachlorobenzene	ug/L	1.2 U
1912-24-9	Atrazine	ug/L	1.3 U
87-86-5	Pentachlorophenol	ug/L	1.6 U
85-01-8	Phenanthrene	ug/L	200
120-12-7	Anthracene	ug/L	48
86-74-8	Carbazole	ug/L	7 J
84-74-2	Di-n-butylphthalate	ug/L	1.3 U
206-44-0	Fluoranthene	ug/L	55
129-00-0	Pyrene	ug/L	54 J
85-68-7	Butylbenzylphthalate	ug/L	1.4 U
91-94-1	3,3-Dichlorobenzidine	ug/L	1 U
120-12-7	Benzo(a)anthracene	ug/L	37
218-01-9	Chrysene	ug/L	35
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	2.2 J
117-84-0	Di-n-octyl phthalate	ug/L	1.3 U
205-99-2	Benzo(b)fluoranthene	ug/L	19
207-08-9	Benzo(k)fluoranthene	ug/L	5.9 J
50-32-8	Benzo(a)pyrene	ug/L	27
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	8 J
53-70-3	Dibenz(a,h)anthracene	ug/L	0.87 U
191-24-2	Benzo(g,h,i)perylene	ug/L	9.1 J

Consolidated Edison W 45th Street Validated Liquid Waste Characteristic Data SDG: Y2674		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	WATER-2 Y2674-01 Chemtech Y2674 WATER 5/9/2007 6/23/2007
CAS NO.	COMPOUND	UNITS:	
	PCBs		
12674-11-2	Aroclor-1016	ug/L	0.146 U
11104-28-2	Aroclor-1221	ug/L	0.172 U
11141-16-5	Aroclor-1232	ug/L	0.11 U
53469-21-9	Aroclor-1242	ug/L	0.084 U
12672-29-6	Aroclor-1248	ug/L	0.042 U
11097-69-1	Aroclor-1254	ug/L	0.037 U
11096-82-5	Aroclor-1260	ug/L	0.16 U
	METALS		
7429-90-5	Aluminum	ug/L	17500
7440-36-0	Antimony	ug/L	3.1 U
7440-38-2	Arsenic	ug/L	8.14 J
7440-39-3	Barium	ug/L	3250
7440-41-7	Beryllium	ug/L	1.11 J
7440-43-9	Cadmium	ug/L	0.9 U
7440-70-2	Calcium	ug/L	440000
7440-47-3	Chromium	ug/L	33.8
7440-48-4	Cobalt	ug/L	17.1
7440-50-8	Copper	ug/L	60.1
7439-89-6	Iron	ug/L	62500
7439-92-1	Lead	ug/L	20.4
7439-95-4	Magnesium	ug/L	70500
7439-96-5	Manganese	ug/L	11400
7439-97-6	Mercury	ug/L	0.11 UJ
7440-02-0	Nickel	ug/L	35.2
7440-09-7	Potassium	ug/L	69400
7782-49-2	Selenium	ug/L	2.1 U
7440-22-4	Silver	ug/L	0.6 U
7440-23-5	Sodium	ug/L	715000
7440-28-0	Thallium	ug/L	7.5 U
7440-62-2	Vanadium	ug/L	50.7
7440-66-6	Zinc	ug/L	113
	OTHER		
	TPH	mg/L	5 U
	WASTE CHARACTERISTICS		
	Corrosivity (as pH)	pH	6.9
	Reactive Cyanide	mg/Kg	10 U
	Ignitability	o C	>100
	Reactive Sulfide	mg/Kg	40 U

					Dup of MW-10		
Consolidated Edison		Sample ID:	MW- 7	MW-10	MW-100	MW-11	TRIPBLANK
W 45th Street		Lab Sample Id:	Y2690-04	Y2690-01	Y2690-02	Y2690-03	Y2690-05
Validated Groundwater Analytical Data		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
SDG: Y2690		SDG:	Y2690	Y2690	Y2690	Y2690	Y2690
		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007
		Validated:	6/25/2007	6/25/2007	6/25/2007	6/25/2007	6/25/2007
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
75-71-8	Dichlorodifluoromethane	ug/L	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
74-87-3	Chloromethane	ug/L	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
75-01-4	Vinyl chloride	ug/L	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
74-83-9	Bromomethane	ug/L	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
75-00-3	Chloroethane	ug/L	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ	0.83 UJ
75-69-4	Trichlorofluoromethane	ug/L	0.22 UJ	0.22 U	0.22 UJ	0.22 UJ	0.22 UJ
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
75-35-4	1,1-Dichloroethene	ug/L	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
67-64-1	Acetone	ug/L	R	R	R	42 J	R
75-15-0	Carbon Disulfide	ug/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1634-04-4	Methyl tert-butyl Ether	ug/L	0.28 U	28	28	0.28 U	0.28 U
79-20-9	Methyl Acetate	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-09-2	Methylene Chloride	ug/L	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
75-34-3	1,1-Dichloroethane	ug/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
110-82-7	Cyclohexane	ug/L	0.36 U	2 J	2.3 J	2 J	0.36 U
78-93-3	2-Butanone	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
56-23-5	Carbon Tetrachloride	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
156-59-2	cis-1,2-Dichloroethene	ug/L	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
67-66-3	Chloroform	ug/L	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
108-87-2	Methylcyclohexane	ug/L	0.34 U	1.7 J	1.6 J	1.7 J	0.34 U
71-43-2	Benzene	ug/L	94	2300	2300	11	0.39 U
107-06-2	1,2-Dichloroethane	ug/L	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
79-01-6	Trichloroethene	ug/L	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
78-87-5	1,2-Dichloropropane	ug/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
75-27-4	Bromodichloromethane	ug/L	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
108-10-1	4-Methyl-2-Pentanone	ug/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
108-88-3	Toluene	ug/L	160	2.4 J	2.1 J	1.2 J	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U

					Dup of MW-10		
Consolidated Edison		Sample ID:	MW- 7	MW-10	MW-100	MW-11	TRIPBLANK
W 45th Street		Lab Sample Id:	Y2690-04	Y2690-01	Y2690-02	Y2690-03	Y2690-05
Validated Groundwater Analytical Data		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
SDG: Y2690		SDG:	Y2690	Y2690	Y2690	Y2690	Y2690
		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007
		Validated:	6/25/2007	6/25/2007	6/25/2007	6/25/2007	6/25/2007
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
591-78-6	2-Hexanone	ug/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
124-48-1	Dibromochloromethane	ug/L	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
106-93-4	1,2-Dibromoethane	ug/L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
127-18-4	Tetrachloroethene	ug/L	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ	0.48 UJ
108-90-7	Chlorobenzene	ug/L	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
100-41-4	Ethyl Benzene	ug/L	260	17	18	0.45 U	0.45 U
136777-61-2	m/p-Xylenes	ug/L	150	15	15	1.2 U	1.2 U
1330-20-7	o-Xylene	ug/L	180	13	13	1 J	0.46 U
100-42-5	Styrene	ug/L	1.8 J	0.41 U	0.41 U	0.41 U	0.41 U
75-25-2	Bromoform	ug/L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
98-82-8	Isopropylbenzene	ug/L	15	49	50	2.2 J	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U

					Dup of MW-10		
Consolidated Edison		Sample ID:	MW- 7	MW-10	MW-100	MW-11	TRIPBLANK
W 45th Street		Lab Sample Id:	Y2690-04	Y2690-01	Y2690-02	Y2690-03	Y2690-05
Validated Groundwater Analytical Data		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
SDG: Y2690		SDG:	Y2690	Y2690	Y2690	Y2690	Y2690
		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007
		Validated:	6/25/2007	6/25/2007	6/25/2007	6/25/2007	6/25/2007
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
100-52-7	Benzaldehyde	ug/L	25	1.7 U	1.7 U	1.7 U	
108-95-2	Phenol	ug/L	1.3 UJ	1.3 UJ	1.3 UJ	1.4 UJ	
95-57-8	2-Chlorophenol	ug/L	1.2 U	1.2 U	1.2 U	1.2 U	
50-32-8	2-Methylphenol	ug/L	1.5 U	1.5 U	1.6 U	1.6 U	
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	1.2 U	1.2 U	1.3 U	1.3 U	
98-86-2	Acetophenone	ug/L	8.1 J	1.2 U	1.3 U	1.3 U	
87-86-5	3+4-Methylphenols	ug/L	1.3 U	1.3 U	1.4 U	1.4 U	
621-64-7	N-Nitroso-di-n-propylamine	ug/L	1.4 U	1.4 U	1.4 U	1.5 U	
67-72-1	Hexachloroethane	ug/L	1.2 U	1.2 U	1.2 U	1.2 U	
98-95-3	Nitrobenzene	ug/L	1.6 U	1.6 U	1.6 U	1.7 U	
78-59-1	Isophorone	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	
88-75-5	2-Nitrophenol	ug/L	1.4 U	1.4 U	1.4 U	1.4 U	
105-67-9	2,4-Dimethylphenol	ug/L	1.2 U	1.2 U	1.2 U	1.3 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	1.4 U	1.4 U	1.4 U	1.5 U	
120-83-2	2,4-Dichlorophenol	ug/L	1.4 U	1.4 U	1.5 U	1.5 U	
91-20-3	Naphthalene	ug/L	910	15	16	2.1 J	
106-47-8	4-Chloroaniline	ug/L	R	R	R	R	
87-68-3	Hexachlorobutadiene	ug/L	1.4 U	1.4 U	1.4 U	1.4 U	
105-60-2	Caprolactam	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	
111-44-4	bis(2-Chloroethyl)ether	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	1.4 U	1.4 U	1.4 U	1.4 U	
91-57-6	2-Methylnaphthalene	ug/L	170	98	110	1.2 U	
77-47-4	Hexachlorocyclopentadiene	ug/L	1.2 U	1.2 U	1.2 U	1.2 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	1.2 U	1.2 U	1.2 U	1.2 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	1.2 U	1.2 U	1.3 U	1.3 U	
92-52-4	1,1-Biphenyl	ug/L	10	1.4 U	1.5 U	1.5 U	
91-58-7	2-Chloronaphthalene	ug/L	1.4 U	1.4 U	1.4 U	1.5 U	
621-64-7	2-Nitroaniline	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	
131-11-3	Dimethylphthalate	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	
208-96-8	Acenaphthylene	ug/L	6.6 J	1.6 J	1.3 U	1.4 U	
606-20-2	2,6-Dinitrotoluene	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	
621-64-7	3-Nitroaniline	ug/L	1 UJ	1 UJ	1.1 UJ	1.1 UJ	
83-32-9	Acenaphthene	ug/L	27	84	91	1.4 U	
51-28-5	2,4-Dinitrophenol	ug/L	3.5 U	3.5 U	3.6 U	3.7 U	
100-02-7	4-Nitrophenol	ug/L	3.1 U	3.1 U	3.2 U	3.3 U	

					Dup of MW-10		
Consolidated Edison		Sample ID:	MW- 7	MW-10	MW-100	MW-11	TRIPBLANK
W 45th Street		Lab Sample Id:	Y2690-04	Y2690-01	Y2690-02	Y2690-03	Y2690-05
Validated Groundwater Analytical Data		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
SDG: Y2690		SDG:	Y2690	Y2690	Y2690	Y2690	Y2690
		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007
		Validated:	6/25/2007	6/25/2007	6/25/2007	6/25/2007	6/25/2007
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
132-64-9	Dibenzofuran	ug/L	1.8 J	1.3 J	1.4 J	1.4 U	
121-14-2	2,4-Dinitrotoluene	ug/L	1.2 U	1.2 U	1.3 U	1.3 U	
84-66-2	Diethylphthalate	ug/L	1.3 U	1.3 U	1.4 U	1.4 U	
7005-72-3	4-Chlorophenyl-phenylether	ug/L	1.4 U	1.4 U	1.4 U	1.4 U	
86-73-7	Fluorene	ug/L	13	11	12	1.5 U	
621-64-7	4-Nitroaniline	ug/L	1.1 U	1.1 U	1.2 U	1.2 U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1.6 U	1.6 U	1.7 U	1.7 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	
101-55-3	4-Bromophenyl-phenylether	ug/L	1.5 U	1.5 U	1.5 U	1.6 U	
118-74-1	Hexachlorobenzene	ug/L	1.2 U	1.2 U	1.3 U	1.3 U	
1912-24-9	Atrazine	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	
87-86-5	Pentachlorophenol	ug/L	1.6 U	1.6 U	1.6 U	1.7 U	
85-01-8	Phenanthrene	ug/L	17	9.1 J	9.9 J	1.5 U	
120-12-7	Anthracene	ug/L	2.9 J	1.4 U	1.5 U	1.5 U	
86-74-8	Carbazole	ug/L	2.6 J	2.2 J	2.4 J	1.4 U	
84-74-2	Di-n-butylphthalate	ug/L	1.3 U	1.3 U	1.4 U	1.4 U	
206-44-0	Fluoranthene	ug/L	1.5 J	1.2 U	1.3 U	1.3 U	
129-00-0	Pyrene	ug/L	2.7 J	1.5 U	1.5 U	1.5 U	
85-68-7	Butylbenzylphthalate	ug/L	1.4 U	1.4 U	1.5 U	1.5 U	
91-94-1	3,3-Dichlorobenzidine	ug/L	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	
120-12-7	Benzo(a)anthracene	ug/L	1.1 U	1.1 U	1.2 U	1.2 U	
218-01-9	Chrysene	ug/L	1.7 U	1.7 U	1.7 U	1.8 U	
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	1.5 U	1.5 U	1.6 U	1.6 U	
117-84-0	Di-n-octyl phthalate	ug/L	1.3 U	1.3 U	1.3 U	1.4 U	
205-99-2	Benzo(b)fluoranthene	ug/L	0.76 U	0.76 U	0.78 U	0.8 U	
207-08-9	Benzo(k)fluoranthene	ug/L	1.9 U	1.9 U	2 U	2 U	
50-32-8	Benzo(a)pyrene	ug/L	1.2 U	1.2 U	1.2 U	1.2 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	0.84 U	0.84 U	0.86 U	0.88 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	0.87 U	0.87 U	0.9 U	0.92 U	
191-24-2	Benzo(g,h,i)perylene	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	

					Dup of MW-10		
Consolidated Edison		Sample ID:	MW- 7	MW-10	MW-100	MW-11	TRIPBLANK
W 45th Street		Lab Sample Id:	Y2690-04	Y2690-01	Y2690-02	Y2690-03	Y2690-05
Validated Groundwater Analytical Data		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
SDG: Y2690		SDG:	Y2690	Y2690	Y2690	Y2690	Y2690
		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007
		Validated:	6/25/2007	6/25/2007	6/25/2007	6/25/2007	6/25/2007
CAS NO.	COMPOUND	UNITS:					
	INORGANICS						
7429-90-5	Aluminum	ug/L	98.4	2860	2650	179	
7440-36-0	Antimony	ug/L	3.1 U	3.1 U	3.1 U	3.1 U	
7440-38-2	Arsenic	ug/L	15	3.21 J	4.87 J	5.92 J	
7440-39-3	Barium	ug/L	35.3 J	527	517	219	
7440-41-7	Beryllium	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	
7440-43-9	Cadmium	ug/L	0.9 U	0.9 U	0.9 U	0.9 U	
7440-70-2	Calcium	ug/L	199000	191000	194000	167000	
7440-47-3	Chromium	ug/L	2.56 J	7.18	5.51	2.15 J	
7440-48-4	Cobalt	ug/L	1.3 U	4.03 J	3.64 J	1.3 U	
7440-50-8	Copper	ug/L	4.59 J	7.15 J	5.67 J	1.2 J	
7439-89-6	Iron	ug/L	437	19700	19400	4080	
7439-92-1	Lead	ug/L	1.9 U	10.1	6.57	1.9 U	
7439-95-4	Magnesium	ug/L	772 J	52800	53500	13900	
7439-96-5	Manganese	ug/L	11.2	8340	8510	4570	
7439-97-6	Mercury	ug/L	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UN	
7440-02-0	Nickel	ug/L	7.05 J	4.75 J	4.37 J	2.1 J	
7440-09-7	Potassium	ug/L	62400	34900	35000	15300	
7782-49-2	Selenium	ug/L	4.79 J	2.1 U	2.1 U	2.1 U	
7440-22-4	Silver	ug/L	1.19 J	0.6 U	0.6 U	0.6 U	
7440-23-5	Sodium	ug/L	1250000	203000	208000	39500	
7440-28-0	Thallium	ug/L	7.5 U	7.5 U	7.5 U	7.5 U	
7440-62-2	Vanadium	ug/L	14.4 J	9.52 J	8.33 J	2.51 J	
7440-66-6	Zinc	ug/L	39.1	64.4	64.8	39.5	
57-12-5	Cyanide	ug/L	10 U	104	114	42	
57-12-5A	Available Cyanide	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	

					Dup of MW-10		
Consolidated Edison		Sample ID:	MW- 7	MW-10	MW-100	MW-11	TRIPBLANK
W 45th Street		Lab Sample Id:	Y2690-04	Y2690-01	Y2690-02	Y2690-03	Y2690-05
Validated Groundwater Analytical Data		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
SDG: Y2690		SDG:	Y2690	Y2690	Y2690	Y2690	Y2690
		Matrix:	WATER	WATER	WATER	WATER	WATER
		Sampled:	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007
		Validated:	6/25/2007	6/25/2007	6/25/2007	6/25/2007	6/25/2007
CAS NO.	COMPOUND	UNITS:					
	DISSOLVED METALS						
7429-90-5	Aluminum	ug/L				179	
7440-36-0	Antimony	ug/L				3.1 U	
7440-38-2	Arsenic	ug/L				3.1 U	
7440-39-3	Barium	ug/L				171	
7440-41-7	Beryllium	ug/L				0.1 U	
7440-43-9	Cadmium	ug/L				0.9 U	
7440-70-2	Calcium	ug/L				165000	
7440-47-3	Chromium	ug/L				0.6 U	
7440-48-4	Cobalt	ug/L				1.3 U	
7440-50-8	Copper	ug/L				0.5 U	
7439-89-6	Iron	ug/L				394	
7439-92-1	Lead	ug/L				1.9 U	
7439-95-4	Magnesium	ug/L				14300	
7439-96-5	Manganese	ug/L				4330	
7439-97-6	Mercury	ug/L				0.11 UJ	
7440-02-0	Nickel	ug/L				1.8 U	
7440-09-7	Potassium	ug/L				15900	
7782-49-2	Selenium	ug/L				2.1 U	
7440-22-4	Silver	ug/L				0.6 U	
7440-23-5	Sodium	ug/L				42500	
7440-28-0	Thallium	ug/L				7.5 U	
7440-62-2	Vanadium	ug/L				1 U	
7440-66-6	Zinc	ug/L				31.1	

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2831		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 2 Y2831-02 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 5 Y2831-01 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 8 Y2831-06 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 9 Y2831-05 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-19 Y2831-03 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-20 Y2831-04 Chemtech Y2831 WATER 5/22/2007 6/26/2007	TB052207 Y2831-07 Chemtech Y2831 WATER 5/22/2007 6/26/2007
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
75-71-8	Dichlorodifluoromethane	ug/L	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
74-87-3	Chloromethane	ug/L	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
75-01-4	Vinyl chloride	ug/L	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
74-83-9	Bromomethane	ug/L	0.41 UJ	0.41 UJ	0.41 UJ	0.41 UJ	0.41 UJ	0.41 UJ	0.41 UJ
75-00-3	Chloroethane	ug/L	R	R	R	R	R	R	R
75-69-4	Trichlorofluoromethane	ug/L	0.22 UJ	0.22 UJ	0.22 UJ	0.22 UJ	0.22 UJ	0.22 UJ	0.22 UJ
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1.3 UJ
75-35-4	1,1-Dichloroethene	ug/L	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
67-64-1	Acetone	ug/L	2.3 U	36	2.3 U	2.3 U	21 J	2.3 U	2.3 U
75-15-0	Carbon Disulfide	ug/L	0.4 UJ	1.4 J	0.4 UJ	1.2 J	0.4 UJ	0.4 UJ	0.4 UJ
1634-04-4	Methyl tert-butyl Ether	ug/L	0.28 U	3.1 J	0.28 U	35	0.28 U	0.28 U	0.28 U
79-20-9	Methyl Acetate	ug/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-09-2	Methylene Chloride	ug/L	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
75-34-3	1,1-Dichloroethane	ug/L	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
110-82-7	Cyclohexane	ug/L	0.36 U	1.1 J	1.8 J	2.4 J	2.9 J	1.1 J	0.36 U
78-93-3	2-Butanone	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	16 J	1.1 U	1.1 U
56-23-5	Carbon Tetrachloride	ug/L	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
156-59-2	cis-1,2-Dichloroethene	ug/L	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
67-66-3	Chloroform	ug/L	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
108-87-2	Methylcyclohexane	ug/L	0.34 U	1.6 J	3.8 J	0.34 U	0.34 U	0.34 U	0.34 U
71-43-2	Benzene	ug/L	0.39 U	260	1100	4000	32000	4700	0.39 U
107-06-2	1,2-Dichloroethane	ug/L	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
79-01-6	Trichloroethene	ug/L	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
78-87-5	1,2-Dichloropropane	ug/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
75-27-4	Bromodichloromethane	ug/L	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ
108-10-1	4-Methyl-2-Pentanone	ug/L	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
108-88-3	Toluene	ug/L	0.36 U	110	150	170	13000	56	0.36 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ
79-00-5	1,1,2-Trichloroethane	ug/L	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2831		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 2 Y2831-02 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 5 Y2831-01 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 8 Y2831-06 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 9 Y2831-05 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-19 Y2831-03 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-20 Y2831-04 Chemtech Y2831 WATER 5/22/2007 6/26/2007	TB052207 Y2831-07 Chemtech Y2831 WATER 5/22/2007 6/26/2007
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
591-78-6	2-Hexanone	ug/L	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
124-48-1	Dibromochloromethane	ug/L	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ	0.26 UJ
106-93-4	1,2-Dibromoethane	ug/L	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ
127-18-4	Tetrachloroethene	ug/L	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
108-90-7	Chlorobenzene	ug/L	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
100-41-4	Ethyl Benzene	ug/L	0.45 U	250	330	2100	8000	740	0.45 U
136777-61-2	m/p-Xylenes	ug/L	1.2 U	150	250	1200	6800	130	1.2 U
1330-20-7	o-Xylene	ug/L	0.46 U	90	110	840	3000	210	0.46 U
100-42-5	Styrene	ug/L	0.41 U	3.7 J	1.4 J	3 J	28	1.8 J	0.41 U
75-25-2	Bromoform	ug/L	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ	0.32 UJ
98-82-8	Isopropylbenzene	ug/L	0.44 U	32	29	71	94	64	0.44 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2831		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 2 Y2831-02 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 5 Y2831-01 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 8 Y2831-06 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 9 Y2831-05 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-19 Y2831-03 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-20 Y2831-04 Chemtech Y2831 WATER 5/22/2007 6/26/2007	TB052207 Y2831-07 Chemtech Y2831 WATER 5/22/2007 6/26/2007
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
100-52-7	Benzaldehyde	ug/L	2 U	1.7 U	1.7 U	2 U	1.9 U	1.9 U	
108-95-2	Phenol	ug/L	1.5 U	1.4 U	1.3 U	1.5 U	53 J	6.7 J	
95-57-8	2-Chlorophenol	ug/L	1.4 U	1.2 U	1.2 U	1.4 U	1.3 U	1.3 U	
50-32-8	2-Methylphenol	ug/L	1.8 U	1.6 U	1.6 U	1.8 U	21	1.8 U	
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.4 U	
98-86-2	Acetophenone	ug/L	1.5 U	1.3 U	1.3 U	7.2 J	16	1.5 U	
87-86-5	3+4-Methylphenols	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	23	1.5 U	
621-64-7	N-Nitroso-di-n-propylamine	ug/L	1.7 U	1.5 U	1.4 U	1.7 U	1.6 U	1.6 U	
67-72-1	Hexachloroethane	ug/L	1.4 U	1.2 U	1.2 U	1.4 U	1.3 U	1.4 U	
98-95-3	Nitrobenzene	ug/L	1.9 U	1.7 U	1.6 U	1.9 U	1.8 U	1.8 U	
78-59-1	Isophorone	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.5 U	1.5 U	
88-75-5	2-Nitrophenol	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	1.6 U	1.6 U	
105-67-9	2,4-Dimethylphenol	ug/L	1.4 U	1.3 U	1.2 U	1.4 U	39	1.4 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	1.7 U	1.5 U	1.4 U	1.7 U	1.6 U	1.6 U	
120-83-2	2,4-Dichlorophenol	ug/L	1.7 U	1.5 U	1.5 U	1.7 U	1.6 U	1.7 U	
91-20-3	Naphthalene	ug/L	1.7 U	460	380	4400	1400	2400	
106-47-8	4-Chloroaniline	ug/L	1 U	0.91 U	0.89 U	1 U	0.99 U	1 U	
87-68-3	Hexachlorobutadiene	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	1.6 U	1.6 U	
105-60-2	Caprolactam	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.5 U	
111-44-4	bis(2-Chloroethyl)ether	ug/L	1.7 U	1.5 U	1.5 U	1.7 U	1.7 U	1.7 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	1.6 U	1.6 U	
91-57-6	2-Methylnaphthalene	ug/L	1.3 U	45	29	520	130	290	
77-47-4	Hexachlorocyclopentadiene	ug/L	1.4 U	1.2 U	1.2 U	1.4 U	1.3 U	1.4 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	1.4 U	1.2 U	1.2 U	1.4 U	1.3 U	1.3 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.4 U	
92-52-4	1,1-Biphenyl	ug/L	1.7 U	6.5 J	1.6 J	39	17	39	
91-58-7	2-Chloronaphthalene	ug/L	1.7 U	1.5 U	1.4 U	1.7 U	1.6 U	1.6 U	
621-64-7	2-Nitroaniline	ug/L	1.3 U	1.1 U	1.1 U	1.3 U	1.2 U	1.3 U	
131-11-3	Dimethylphthalate	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.5 U	
208-96-8	Acenaphthylene	ug/L	5.9 J	3.5 J	1.3 U	10 J	4.9 J	9.9 J	
606-20-2	2,6-Dinitrotoluene	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.5 U	
621-64-7	3-Nitroaniline	ug/L	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	
83-32-9	Acenaphthene	ug/L	36	16	2.5 J	110	27	150	
51-28-5	2,4-Dinitrophenol	ug/L	4.2 U	3.7 U	3.6 U	4.2 U	4 U	4.1 U	
100-02-7	4-Nitrophenol	ug/L	3.7 U	3.3 U	3.2 U	3.7 U	3.6 U	3.6 U	

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2831		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 2 Y2831-02 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 5 Y2831-01 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 8 Y2831-06 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 9 Y2831-05 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-19 Y2831-03 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-20 Y2831-04 Chemtech Y2831 WATER 5/22/2007 6/26/2007	TB052207 Y2831-07 Chemtech Y2831 WATER 5/22/2007 6/26/2007
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
132-64-9	Dibenzofuran	ug/L	1.7 J	1.4 U	1.3 U	4 J	6.7 J	1.5 U	
121-14-2	2,4-Dinitrotoluene	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.4 U	
84-66-2	Diethylphthalate	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	1.5 U	1.6 U	
7005-72-3	4-Chlorophenyl-phenylether	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	1.6 U	1.6 U	
86-73-7	Fluorene	ug/L	2.2 J	11	1.5 J	37	60	44	
621-64-7	4-Nitroaniline	ug/L	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U	1.3 U	
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1.9 U	1.7 U	1.7 U	1.9 U	1.8 U	1.9 U	
86-30-6	N-Nitrosodiphenylamine	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.5 U	
101-55-3	4-Bromophenyl-phenylether	ug/L	1.8 U	1.6 U	1.5 U	1.8 U	1.7 U	1.7 U	
118-74-1	Hexachlorobenzene	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.4 U	
1912-24-9	Atrazine	ug/L	1.5 U	1.3 U	1.3 U	1.5 U	1.4 U	1.5 U	
87-86-5	Pentachlorophenol	ug/L	1.9 U	1.7 U	13	1.9 U	1.8 U	1.9 U	
85-01-8	Phenanthrene	ug/L	1.7 U	13	2.5 J	38	61	57	
120-12-7	Anthracene	ug/L	1.7 U	1.8 J	1.5 U	6.7 J	4.9 J	10 J	
86-74-8	Carbazole	ug/L	1.5 U	1.4 U	1.3 U	4.4 J	16	3.8 J	
84-74-2	Di-n-butylphthalate	ug/L	1.6 U	1.4 U	1.4 U	1.6 U	1.5 U	1.5 U	
206-44-0	Fluoranthene	ug/L	1.5 U	1.8 J	1.3 U	2.7 J	3.5 J	3.9 J	
129-00-0	Pyrene	ug/L	1.7 U	2.8 J	1.5 U	3.7 J	4.1 J	4.8 J	
85-68-7	Butylbenzylphthalate	ug/L	1.7 U	1.5 U	1.5 U	1.7 U	1.6 U	1.7 U	
91-94-1	3,3-Dichlorobenzidine	ug/L	1.3 UJ	1.1 UJ	1.1 UJ	1.3 UJ	1.2 UJ	1.2 UJ	
120-12-7	Benzo(a)anthracene	ug/L	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U	1.3 U	
218-01-9	Chrysene	ug/L	2 U	1.8 U	1.7 U	2 U	1.9 U	2 U	
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	1.8 U	1.6 U	1.6 U	1.8 U	1.8 U	1.8 U	
117-84-0	Di-n-octyl phthalate	ug/L	1.5 U	1.4 U	1.3 U	1.5 U	1.5 U	1.5 U	
205-99-2	Benzo(b)fluoranthene	ug/L	0.9 U	0.8 U	0.78 U	0.9 U	0.86 U	0.88 U	
207-08-9	Benzo(k)fluoranthene	ug/L	2.3 U	2 U	2 U	2.3 U	2.2 U	2.2 U	
50-32-8	Benzo(a)pyrene	ug/L	1.4 U	1.2 U	1.2 U	1.4 U	1.3 U	1.4 U	
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	1 U	0.88 U	0.86 U	1 U	0.95 U	0.97 U	
53-70-3	Dibenz(a,h)anthracene	ug/L	1 U	0.92 U	0.9 U	1 U	1 U	1 U	
191-24-2	Benzo(g,h,i)perylene	ug/L	1.3 U	1.2 U	1.1 U	1.3 U	1.2 U	1.3 U	

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2831		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 2 Y2831-02 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 5 Y2831-01 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 8 Y2831-06 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 9 Y2831-05 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-19 Y2831-03 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-20 Y2831-04 Chemtech Y2831 WATER 5/22/2007 6/26/2007	TB052207 Y2831-07 Chemtech Y2831 WATER 5/22/2007 6/26/2007
CAS NO.	COMPOUND	UNITS:							
	INORGANICS								
7429-90-5	Aluminum	ug/L	202	2820	291	17.2 U	17.2 U	17.2 U	
7440-36-0	Antimony	ug/L	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	
7440-38-2	Arsenic	ug/L	3.1 U	3.1 U	3.1 U	3.1 U	4.78 J	3.1 U	
7440-39-3	Barium	ug/L	93.1	88.6	712	728	870	907	
7440-41-7	Beryllium	ug/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
7440-43-9	Cadmium	ug/L	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	
7440-70-2	Calcium	ug/L	66500	77400	401000	231000	195000	941000	
7440-47-3	Chromium	ug/L	0.6 U	6.47	0.6 U	0.6 U	0.6 U	0.6 U	
7440-48-4	Cobalt	ug/L	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	
7440-50-8	Copper	ug/L	0.5 U	20.9	0.5 U	0.5 U	0.5 U	0.5 U	
7439-89-6	Iron	ug/L	2050	1530	16000	14100	24500	35200	
7439-92-1	Lead	ug/L	1.9 U	8.49	6.95	1.9 U	1.9 U	1.9 U	
7439-95-4	Magnesium	ug/L	5180	286 J	65900	90600	43000	42400	
7439-96-5	Manganese	ug/L	395	22.4	1290	6430	12500	13400	
7439-97-6	Mercury	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	
7440-02-0	Nickel	ug/L	1.8 U	11.5 J	1.8 U	1.8 U	1.8 U	1.8 U	
7440-09-7	Potassium	ug/L	47700 J	22600 J	70600 J	35700 J	45700 J	90800 J	
7782-49-2	Selenium	ug/L	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	
7440-22-4	Silver	ug/L	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	
7440-23-5	Sodium	ug/L	89900	235000	319000	169000	652000	1080000	
7440-28-0	Thallium	ug/L	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	
7440-62-2	Vanadium	ug/L	1 U	14.9 J	1 U	1 U	1 U	1 U	
7440-66-6	Zinc	ug/L	35.1	65.7	39.7	31.5	39.5	31.3	
57-12-5	Cyanide	ug/L	10 U	28	182	70	18	39	
57-12-5A	Available Cyanide	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	

Consolidated Edison W 45th Street Validated Groundwater Analytical Data SDG: Y2831		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 2 Y2831-02 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 5 Y2831-01 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 8 Y2831-06 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW- 9 Y2831-05 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-19 Y2831-03 Chemtech Y2831 WATER 5/22/2007 6/26/2007	MW-20 Y2831-04 Chemtech Y2831 WATER 5/22/2007 6/26/2007	TB052207 Y2831-07 Chemtech Y2831 WATER 5/22/2007 6/26/2007
CAS NO.	COMPOUND	UNITS:							
	DISSOLVED METALS								
7429-90-5	Aluminum	ug/L	17.2 U						
7440-36-0	Antimony	ug/L	3.1 U						
7440-38-2	Arsenic	ug/L	3.1 U						
7440-39-3	Barium	ug/L	68.6						
7440-41-7	Beryllium	ug/L	0.1 U						
7440-43-9	Cadmium	ug/L	0.9 U						
7440-70-2	Calcium	ug/L	61800						
7440-47-3	Chromium	ug/L	0.6 U						
7440-48-4	Cobalt	ug/L	1.3 U						
7440-50-8	Copper	ug/L	0.5 U						
7439-89-6	Iron	ug/L	807						
7439-92-1	Lead	ug/L	1.9 U						
7439-95-4	Magnesium	ug/L	4510						
7439-96-5	Manganese	ug/L	345						
7439-97-6	Mercury	ug/L	0.11 U						
7440-02-0	Nickel	ug/L	1.8 U						
7440-09-7	Potassium	ug/L	46400 J						
7782-49-2	Selenium	ug/L	2.1 U						
7440-22-4	Silver	ug/L	0.6 U						
7440-23-5	Sodium	ug/L	80100						
7440-28-0	Thallium	ug/L	7.5 U						
7440-62-2	Vanadium	ug/L	1 U						
7440-66-6	Zinc	ug/L	25.8						