REVISED ALTERNATIVES ANALYSIS REPORT FOR THE FORMER FARRINGTON STREET GAS WORKS SITE

QUEENS, NY

(Site No. 241208)

Prepared for:



CONSOLIDATED EDISON CO. OF NEW YORK, INC.
31-01 20th Avenue
Long Island City, NY 11105

Prepared by:

PARSONS
301 Plainfield Road, Suite 350
Syracuse, NY 13212

AUGUST 2026

Certification

"I, Daniel Martoccia (of Parsons Main of New York, Inc.), certify that I am currently a New York State registered professional engineer and that this Alternatives Analysis Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER 10)."

_____ _____

Engineer's Seal Date

Parsons

TABLE OF CONTENTS

Page

LIST OF ACRONYMS VII

SECTION 1 INTRODUCTION 1-1

1.1 Site Location 1-1

1.2 Site History 1-2

1.3 Alternatives Analysis Report Organization 1-2

SECTION 2 SITE INVESTIGATION SUMMARY 2-1

2.1 Regional Topography, Geology and Hydrogeology 2-2

2.2 Site Geology And Hydrogeology 2-3

2.3 Soil Boring Results 2-4

2.4 Groundwater Sample Results 2-5

2.5 PCB Site Characterization 2-6

2.6 Visual NAPL Observations 2-8

2.7 NAPL Sampling Results 2-11

2.8 LNAPL Transmissivity Testing 2-12

2.9 Hydraulic Conductivity Tests 2-14

2.10 Tidal Study Results 2-14

2.11 Soil Gas Sample Results 2-15

2.12 Groundwater Modeling 2-15

2.13 Preliminary Evaluation of Natural Attenuation 2-18

SECTION 3 EXPOSURE ASSESSMENT 3-1

SECTION 4 REMEDIAL GOALS, SCGS, AND REMEDIAL ACTION OBJECTIVES 4-1

4.1 Remedial Goal 4-1

4.2 Applicable Standards, Criteria and Guidance Values 4-1

4.3 Remedial Action Objectives 4-1

SECTION 5 DESCRIPTION AND EVALUATION OF REMEDIAL ALTERNATIVES 5-1

5.1 Preliminary Screening of Remedial Alternatives 5-1

5.2 Development of Remedial Alternatives 5-1

5.3 Evaluation Criteria 5-3
5.3.1 Overall Protection of Public Health and the Environment 5-3
5.3.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs 5-4
5.3.3 Long-Term Effectiveness and Permanence 5-4
5.3.4 Reduction of Toxicity, Mobility or Volume 5-4
5.3.5 Short-Term Impacts and Effectiveness 5-4
5.3.6 Implementability 5-5
5.3.7 Cost-effectiveness 5-5
5.3.8 Land Use 5-5
5.3.9 Community Acceptance 5-5

5.4 ALTERNATIVE 1 – NAPL RECOVERY, MONITORED NATURAL ATTENUATION, AND INSTITUTIONAL AND ENGINEERING CONTROLS 5-5
5.4.1 Overall Protection of Public Health and the Environment 5-6
5.4.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs 5-6
5.4.3 Long-Term Effectiveness and Permanence 5-7
5.4.4 Reduction of Toxicity, Mobility or Volume 5-7
5.4.5 Short-Term Impacts and Effectiveness 5-7
5.4.6 Implementability 5-7
5.4.7 Cost-effectiveness 5-7
5.4.8 Land Use 5-8
5.4.9 Community Acceptance 5-8

5.5 ALTERNATIVE 2 – IN-SITU CONTAINMENT OF MGP-IMPACTED SITE SOILS 5-8
5.5.1 Overall Protection of Public Health and the Environment 5-10
5.5.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs 5-10
5.5.3 Long-Term Effectiveness and Permanence 5-11
5.5.4 Reduction of Toxicity, Mobility or Volume 5-11
5.5.5 Short-Term Impacts and Effectiveness 5-11

5.5.6 Implementability 5-12
5.5.7 Cost-Effectiveness 5-12
5.5.8 Land Use 5-12
5.5.9 Community Acceptance 5-12

5.6 ALTERNATIVE 3 – IN-SITU STABILIZATION/SOLIDIFICATION (ISS) OF MGP-IMPACTED SITE SOILS, NAPL RECOVERY, MONITORED NATURAL ATTENUATION, AND INSTITUTIONAL AND ENGINEERING CONTROLS 5-13
5.6.1 Overall Protection of Public Health and the Environment 5-16
5.6.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs 5-16
5.6.3 Long-Term Effectiveness and Permanence 5-16
5.6.4 Reduction of Toxicity, Mobility or Volume 5-16
5.6.5 Short-Term Impacts and Effectiveness 5-17
5.6.6 Implementability 5-17
5.6.7 Cost-Effectiveness 5-18
5.6.8 Land Use 5-18
5.6.9 Community Acceptance 5-18

SECTION 6 COMPARATIVE ANALYSIS OF REMEDIAL ALTERNATIVES 6-1

6.1 Comparative Analysis of remedial Alternatives 6-1
6.1.1 Overall Protection of Public Health and the Environment 6-1
6.1.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs 6-1
6.1.3 Long-Term Effectiveness and Permanence 6-2
6.1.4 Reduction of Toxicity, Mobility or Volume 6-2
6.1.5 Short-Term Impacts and Effectiveness 6-2
6.1.6 Implementability 6-3
6.1.7 Cost-Effectiveness 6-3
6.1.8 Land Use 6-3
6.1.9 Community Acceptance 6-3

SECTION 7 CONCLUSIONS AND PREFERRED REMEDY 7-1

7.1 Conclusions 7-1

7.2 NYSDEC Preferred Remedy 7-2

SECTION 8 REFERENCES 8-1

LIST OF TABLES

Table 1 – Summary of Soil Analytical Data

Table 2a – Summary of Groundwater Analytical Data – Site Characterization and Remedial Investigation

Table 2b – Summary of Groundwater Analytical Data – Supplemental Remedial Investigation

Table 3 – Summary of Hydraulic Conductivity Results

Table 4a – Summary of Soil Gas Analytical Data

Table 4b – Soil Vapor Intrusion Analytical Results Summary

Table 5 – Summary of Polychlorinated Biphenyl Site Characterization Results

Table 6 – Preliminary Screening of Alternatives

TABLE OF CONTENTS - CONTINUED

LIST OF FIGURES

Figure 1A – Site Location Map
Figure 1B – Tax Parcel/Remediation Parcel Boundaries
Figure 2 – Former MGP Structures
Figure 3A – Sample Location Map – Site Characterization and Remedial Investigation
Figure 3B – Sample Location Map – Supplemental Remedial Investigation
Figure 3C – Sample Location Map – Initial PCB Site Characterization
Figure 4 – Cross Sections A-A' and B-B'
Figure 5 – Groundwater Contour Map
Figure 6 – VOC Exceedances in Soil
Figure 7 – SVOC Exceedances in Soil
Figure 8 – VOC and SVOC Exceedances in Groundwater
Figure 9 – Full PCB Site Characterization
Figure 10 – NAPL Sampling – Specific Gravity versus Temperature
Figure 11 – NAPL Sampling – NAPL versus Water Viscosity
Figure 12 – Type Curves of NAPL Transmissivity and CMW-38 Test Attempt
Figure 13 – Summary of Tidal Influence
Figure 14 – Groundwater Model – Existing Conditions
Figure 15 – Groundwater Model – Full Barrier Wall
Figure 16a – Groundwater Model – ISS and Barrier Wall
Figure 16b – Groundwater Model – ISS in Parcel 2
Figure 17 – Groundwater Model – Average Linear Velocities
Figure 18 – Concentration versus Distance Plot
Figure 19 – Well Attenuation
Figure 20 – Alternative 1 – Monitored Natural Attenuation with NAPL Recovery Wells
Figure 21 – Alternative 2 – In-situ Containment of MGP-Impacted Site Soils
Figure 22 – Alternative 3 – In-Situ Stabilization/Solidification of MGP-Impacted Soils, NAPL Recovery, Monitored Natural Attenuation, and Institutional and Engineering Controls

TABLE OF CONTENTS - CONTINUED

LIST OF APPENDICES

APPENDIX A ZONING MAP

APPENDIX B NYSDOH GENERICAL COMMUNITY AIR MONITORING PLAN

LIST OF ACRONYMS

AAR	Alternatives Analysis Report
amsl	above mean sea level
AWQS	Ambient Water Quality Standards
bgs	below ground surface
CAMP	Community Air Monitoring Plan
Con Edison	Consolidated Edison Company of New York, Inc.
CPP	Citizen Participation Plan
CSCO	Commercial Soil Cleanup Objective
EC	Engineering Control
ft	Foot / feet
HASP	Health and Safety Plan
IC	Institutional Control
IRM	Interim Remedial Measures
MGP	Manufactured Gas Plant
mg/kg	Milligram per kilogram
NAPL	Non-Aqueous Phase Liquid
NYCRR	New York Codes Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polyaromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PGWSCO	Protection of Groundwater Soil Cleanup Objectives
PRR	Periodic Review Report
RAO	Remedial Action Objectives
RDR	Remedial Design Report
RIR	Remedial Investigation Report
SCGs	Standards, Criteria, and Guidance Values
SCO	Soil Cleanup Objectives
Site	Farrington Street Gas Works
SMP	Site Management Plan
SVI/IAQ	Soil Vapor Intrusion/Indoor Air Quality
SVOC	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List

TMV	Toxicity, Mobility, or Volume
TOGS	NYSDEC Technical and Operational Guidance Series (1.1.1)
TSCA	Toxic Substances Controls Act
ug/l	Micrograms per liter
USCO	Unrestricted use Soil Cleanup Objective
VOC	Volatile Organic Compounds
WQS	Water Quality Standards

SECTION 1

INTRODUCTION

On behalf of Consolidated Edison Company of New York, Inc. (Con Edison), Parsons has prepared this revised Alternatives Analysis Report (AAR) for the former Farrington Street Gas Works (the "Site") located in Queens, New York (Figure 1A). Tax parcel and remediation parcel boundaries, as described below, are presented in Figure 1B. The draft AAR was submitted to the New York State Department of Environmental Conservation (NYSDEC) in November 2022 and has been revised based on subsequent discussions with the NYSDEC and comments received. In addition, the draft AAR was revised based on the assessment of Site data obtained during the Supplemental Remedial Investigation (SRI) activities completed in 2021 and 2022 as well as Site investigation activities associated with polychlorinated biphenyls (PCBs) conducted from 2021 to 2024, as further described in the following sections. The purpose of this AAR is to identify an effective and implementable remedial alternative that will address the manufactured gas plant (MGP)-related impacts and impacts associated with PCBs present at the Site.

This AAR has been prepared in accordance with the requirements set forth in (NYSDEC *6 New York Codes Rules and Regulations Part 375* (6 NYCRR Part 375) *Environmental Remediation Programs* (NYSDEC, 2006) and the *NYSDEC's Technical Guidance for Site Investigations and Remediation* (DER-10) (NYSDEC, 2010). Data contained within the Site Characterization Report (Parsons, 2010), Remedial Investigation Report (Parsons, 2017) (RIR), Supplemental Remedial Investigation Report (Parsons, 2019) (SRIR), SRI data collected in 2021 and 2022, and PCB Site Characterization data collected from 2021 to 2024 provide the basis for the development of this AAR.

1.1 SITE LOCATION

The Site is located at 31-06 to 31-24 Farrington Street in Queens, New York. For the purposes of describing the Site, it has been divided into Parcels 1, the Market Area and Parcel 2 (Figures 1B and Figure 2). The former Farrington Street Gas Holder site, designated as Parcel 3, is located across the street from the Site to the southeast, and has been addressed separately. As such, Parcel 3 is not covered by this AAR. The Site consists of approximately 6.82 acres spanning several city blocks, which contains several commercial properties, identified as Block 4406 Lots 30, 32, 50, and 56. The Site is bordered to the north by the Whitestone Expressway Service Road, to the east by Farrington Street, to the south by 32nd Avenue (formerly Myrtle Avenue), and to the west by commercial businesses. The Site is located approximately 2,000 feet northeast of Flushing Creek, 1,200 feet southwest of Mill Creek, and 4,000 feet east of Flushing Bay. According to the New York City Department of City Planning, the Site and northwestern, western, southwestern, and southern abutting properties are zoned as M2-1; medium manufacturing districts (medium performance), and the abutting properties east of Farrington Street are zoned as M1-1; light manufacturing districts (high performance) (Appendix A).

On Parcel 1 (consisting of the 31st Drive and Ulmer Street portions of Tax Block 4406 Lot 30, and the entirety of Tax Block 4406 Lots 32, 50, and 56), the Site presently contains a Stop and

Shop grocery and pharmacy (the Market Area), various stores, and a paved parking area. Parcel 2 (consisting of the Con Edison operated portion of Tax Block 4406 Lot 30) consists of a mixed paved and gravel lot that is currently utilized by Con Edison as an equipment storage, trailer storage, and material lay down area.

1.2 SITE HISTORY

Historical research was previously conducted and documented in the *Site History Research Report* (ENSR, 2003). Based on this report, the Site was owned and/or operated as an MGP by several different power companies between 1887 and the late 1940s. Prior to the initiation of manufactured gas operations in 1887, the original Site boundaries included a smaller tract of land (the southwestern portion of Parcel 2), which was originally subdivided into smaller private properties. Flushing Gas Light Company acquired portions of the original Site property between 1859 and 1901 and operated the MGP until 1889. Between 1901 and 1905, Newton and Flushing Gas Company, a subsidiary of the New York and Queens Gas Co., operated the Site and MGP, in addition to expanding the property boundaries into the northwestern portion of Parcel 2 in 1901. In 1905, The New York and Queens Company acquired the portion of the property previously owned by Flushing Gas Light Company and Newton and Flushing Gas Light Company. Between 1909 and 1921, New York and Queens Gas Company acquired and expanded the MGP into the eastern portions of Parcels 1 and 2. New York and Queens Gas Company merged with Con Edison on June 1, 1936, at which time Con Edison assumed operation of the MGP, then located in present-day Parcels 1, 2, and 3 (ENSR, 20031[1]). Figure 2 depicts the approximate locations of the former historic structures at the Site.

1.3 ALTERNATIVES ANALYSIS REPORT ORGANIZATION

This AAR has been organized in accordance with the Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010) (DER-10) as follows:

- Section 1 – Introduction;
- Section 2 – Site Investigation Summary;
- Section 3 – Exposure Assessment;
- Section 4 – Remedial Goals, SCGs, and Remedial Action Objectives;
- Section 5 – Description and Evaluation of Remedial Alternatives;
- Section 6 – Comparative Analysis of Remedial Alternatives;
- Section 7 – Conclusions and Preferred Remedy, and
  Section 8 – References.

[1] As noted above, Parcel 3 is not part of this AAR because as it was separately addressed as the Farrington Gas Holder Site.

SECTION 2

SITE INVESTIGATION SUMMARY

A Site Characterization (SC) of Parcel 2 was performed by Parsons in 2009, the scope of which included the installation of test pits, monitoring wells, and soil borings. A two-phase Remedial Investigation (RI) on Parcels 1 and 2 was conducted by Parsons between 2011 and 2015, the scope of which included the installation of soil borings and monitoring wells, as well as sampling of soils, soil gas, groundwater, and free product. A Supplemental Remedial Investigation (SRI) was conducted by Parsons in 2018 on Parcels 1 and 2, and included groundwater sampling, free product sampling, hydraulic conductivity testing, and a tidal study. Data collected from the SC, RI and SRI were utilized to develop a groundwater model for the Site. Figure 3A depicts the soil boring, monitoring well locations, and groundwater study locations at the Site as part of the various remedial investigation field efforts. The collected data pertaining to Parcels 1 and 2 is presented in the Site Characterization Report for the Site (Parsons, 2010), the Remedial Investigation Report for the Former Farrington Street Gas Works Site (Parsons, 2017), and the Supplemental Remedial Investigation Report for the Former Farrington Street Gas Works Site (Parsons, 2019).

A draft AAR was developed utilizing Site investigation data generated through 2019. The alternatives evaluated in the AAR are consistent with those approved by the NYSDEC in an e-mail dated October 19, 2017, and further stated in the October 13, 2020 approval letter for the SRIR. The draft AAR, which proposed NAPL recovery, monitored natural attenuation (MNA) and Institutional and Engineering as the remedy for the Site, was submitted to NYSDEC in February 2020. The draft AAR was reviewed by the NYSDEC and comments were sent to Con Edison in a letter dated October 13, 2020 indicating that the proposed remedy for Parcel 1 was acceptable but directed Con Edison to evaluate a more intrusive remedy for the Parcel 2 portion of the Site, to include removal and/or *in-situ* solidification/stabilization (ISS) of non-aqueous phase liquid (NAPL) impacted soils in the subsurface. Based on this, additional SRI field activities were completed between November 2021 and March 2022, and included subsurface feature delineation, the advancement of geotechnical soil borings, the advancement of soil borings for the purpose of NAPL delineation, and the installation of additional groundwater monitoring wells. Figure 3B depicts soil boring and groundwater monitoring well locations at the Site installed as part of the 2021-2022 SRI. Data obtained from the 2021-2022 SRI were utilized in the development of the NYSDEC preferred alternative for the Site and summarized in the following sections, and is additionally utilized in the development of the forthcoming Remedial Design Report (RDR) for the Site.

During a security fence upgrade project completed within the Parcel 2 portion of the Site in 2020, PCBs were detected in Site soils in elevated concentrations. In particular, abandoned pipes were encountered immediately below the surface along the eastern perimeter of Parcel 2 during shallow excavations to support fence installation. Soils within the abandoned pipes were collected and submitted for laboratory analysis for the purpose of waste characterization in December 2020. PCBs were detected in soils collected from the pipes at a concentration of 360 milligrams per

kilogram (mg/kg), exceeding the Toxic Substances Control Act (TSCA) criteria of 50 mg/kg for PCB remediation waste specified by 40 CFR 761.50(b)(3). Following the detection of PCB-impacted soils at the Site the security fence upgrade project was temporarily halted with portions of the perimeter fence unfinished. Initial PCB SC sampling efforts were completed in June 2021 along portions of the Parcel 2 perimeter to facilitate "make Site safe" efforts, comprised of semi-permanent fence installations along previously unfinished portions of the Site perimeter. Following sampling efforts, characterized soils were removed from the Site and disposed of at properly licensed and/or permitted off-site disposal facilities to complete the security fence upgrade project.

Following completion of the "Make Site Safe" PCB Site Characterization (SC) completed in June 2021, a PCB Site Characterization was conducted from November 2021 to March 2024 as a part of the SRI to complete the delineation of PCBs present at concentrations greater than 1 mg/kg. Soil sampling for PCBs was completed in accordance with 40 CFR Part 761 Subpart N, with the sampling scheme specified in 40 CFR §761.265(a) modified to utilize a 30-foot (approximately 9-meter) grid based on PCB analytical data generated during initial PCB sampling activities. Figure 3C depicts sampling grids in which PCB sampling was conducted as part of the PCB SC. Data obtained during the PCB SC were utilized as a component of this AAR and summarized in the following sections. Comprehensive details pertaining to remediation of PCB-impacted materials is presented in a separate Self-Implementing Cleanup Plan (SICP) developed consistent with the requirements of the US Environmental Protection Agency (EPA) Self-Implementing Cleanup and Disposal regulations at 40 CFR § 761.61(a). As PCBs are not associated with MGP operations, it is believed that the source of the PCBs may be historical fill material.

2.1 REGIONAL TOPOGRAPHY, GEOLOGY AND HYDROGEOLOGY

The Site is located in the northern portion of Queens County, which is characterized by low rolling hills overlooking and extending into the East River between various salt-water bays, of which Flushing Bay is the largest. The overall elevation of the Site and the surrounding properties is approximately 10 to 14 feet above mean sea level (amsl). A relatively narrow ridge, ranging in elevation from 160 to 260 feet amsl, trends approximately east-northeast in the central part of Queens County. This ridge, situated approximately 3,000 feet southeast of the Site, is part of the Harbor Hill Terminal Moraine, which marks the furthest advance of the Wisconsin Glaciation in this area. A topographical plain gently slopes southward from the ridge to the Atlantic Ocean. Flushing Meadow, a large flat-bottomed valley, extends northward from this ridge to Flushing Bay on the East River (ENSR, 2003).

The Site lies in a relatively flat area approximately 2,000 feet northeast of Flushing Creek, 1,200 feet southwest of Mill Creek and 4,000 feet east of Flushing Bay. According to the NYSDEC, the surface water classification for Flushing Creek is Class I, described as saline surface waters which are best suited for secondary contact recreation and fishing, and are suitable for propagation and survival. Mill Creek is classified as Class C, which is described as saline surface waters, which are best used for fishing, and can be suitable for fish survival. A substantial portion of the precipitation runs off paved surfaces to sewers and is discharged to the adjacent water bodies

through the storm drainage systems located in the adjacent roadways. Some precipitation infiltrates the ground surface in unpaved areas.

Based on information provided in the *Site History Research Report* (ENSR, 2003), a layer of low permeability glacial material is likely to be present in the area of the Site. The bedrock underlying the Site and surrounding properties consists of undifferentiated schists and gneisses. The bedrock is overlain unconformably by Pleistocene glacial deposits and scattered postglacial material. The glacial deposits include ground moraine deposits, which is an unsorted and unstratified mixture of clay, sand, gravel, and boulders that were accumulated at the front of a Wisconsin Age continental glacier during a period of melting.

The Site and abutting properties are underlain by the Upper Glacial Aquifer in the Brooklyn/ Queens Aquifer System. According to the NYSDEC, groundwater classification for the Flushing vicinity of Queens County is classified as Class GA for fresh groundwater. Groundwater in the vicinity of the Site is not used for drinking water purposes. Residents of the area are connected to the New York City public water supply system (ENSR, 2003).

2.2 SITE GEOLOGY AND HYDROGEOLOGY

Soil borings completed during investigation activities at the Site show three separate lithologies (peat, clay, and sands) present below urban fill found at the surface. Interpreted geologic cross sections for the Site to include data through the 2018 SRI are presented on Figure 4. Urban fill material, generally consisting of sand, gravel, and silt with various debris including cobbles, cement, brick, metal, wood fragments, and slag, ranges in thickness from 5 to 17 feet. Fill material in Parcel 1 is predominantly underlain by peat and/or clays. This peat/clay confining layer is encountered at depths ranging from 13.5 to 37 feet below ground surface (bgs), with the top of the confining layer encountered between 13 to 19 feet bgs. Sands with varying amounts of silts and gravels ranging in thickness from 2 to 7 feet are encountered above the confining layer in the southern portion of the Parcel 1 parking lot. In the portions of Parcel 1 where a relatively thin confining layer is observed, an underlying sand unit is encountered.

Fill material in Parcel 2 is generally underlain by native sands, with finer grained silts and sands being observed in select borings. No bedrock was encountered during investigation activities; therefore, the bottom of the sand layer cannot be bound. However, soil borings observed sand thicknesses ranging from at least 14 to 50 feet. These thick accumulations of sands are also observed in adjacent sidewalk areas. Complete boring logs from investigation activities may be found in the Remedial Investigation Report (RIR) (Parsons, 2017). Soil textures observed during advancement of soil borings during the 2021-2022 SRI were consistent with prior investigations.

Two site-wide groundwater gauging events were completed during the course of initial remedial investigation activities. The most recent groundwater gauging event was completed in November 2018 during the 2018 SRI and included Parcel 3. Groundwater elevations collected from a November 2018 groundwater gauging event were used to produce a Site groundwater contour map (Figure 5). Groundwater contours based on the November 2018 gauging indicate that there are variable flow conditions at the Site that are driven by localized high and low groundwater elevations. Groundwater gauging results indicate high groundwater elevations in the

northwestern portion of the Site (Parcel 1), and lower groundwater elevations in the southeastern part of the Site, indicating a general groundwater flow direction to the southeast. A localized groundwater depression appears to be present within the southern edge of the Market Area (MW-19).

2.3 SOIL BORING RESULTS

Analytical results of soil samples collected during the SC and RI are summarized in Table 1 and presented on Figures 6 and 7. The soil sample analytical data in the tables and figures are compared against Soil Cleanup Objectives (SCOs) per 6 NYCRR Part 375 (NYSDEC, 2006) for unrestricted, protection of groundwater, and commercial Site use. Use of Unrestricted Soil Cleanup Objectives (USCOs) is considered conservative since the Site is currently, and will be, used for commercial purposes in the foreseeable future. The subsurface soil analytical data and field observations of non-aqueous phase liquid (NAPL) are summarized below.

A total of 31 volatile organic compounds (VOCs) were detected at least once in the subsurface soil samples collected during the field investigations. As summarized in Table 1, twelve (12) VOCs were detected at concentrations exceeding their respective USCOs and three (3) were detected at concentrations exceeding their Commercial Soil Cleanup Objectives (CSCOs) and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). Total VOC concentrations in all subsurface soil samples ranged from non-detect to 1,376 ppm. The highest total VOC concentrations were detected in a sample collected from soil boring location SB-25 at 28 to 33 feet bgs.

Locations containing exceedances of USCOs and PGWSCOs for VOCs were widespread. However, only five (5) locations included samples that exceeded CSCOs. Four (4) of these locations are located along Ulmer Street west/northwest of the Stop and Shop building at depths ranging from 9 to 19 feet bgs. The remaining location is SB-25 which is within Parcel 2 at a depth of 28 to 33 feet bgs.

A total of 38 semi-volatile organic compounds (SVOCs) were detected at least once in the subsurface soil samples collected during the field investigations. As summarized in Table 1, twenty (20) SVOCs were detected at concentrations exceeding their respective USCOs, thirteen (13) were detected at concentrations exceeding their respective PGWSCOs, and sixteen (16) were detected at concentrations exceeding their respective CSCOs. Total SVOC concentrations in all subsurface soil samples ranged from non-detect to 14,164 ppm. The highest total SVOC concentration was detected in a sample collected from 13 to 15 feet bgs at soil boring location CMW-32.

Locations containing exceedances of USCOs, PGWSCOs, and CSCOs for SVOCs were widespread across both Parcels and adjacent sidewalks and street. Exceedances of PGWSCOs were detected at depths ranging from 2.8 feet bgs in TP-15 to 45 feet bgs in MW-25. Exceedances of the CSCOs were detected at depths ranging from 3.5 feet bgs in TP-12 to 45 feet bgs at MW-25. Each of these locations are within the Con Edison service yard.

A total of 24 inorganic constituents were detected in soil samples collected during the RI. Of these, fourteen (14) inorganics were detected at concentrations exceeding their respective USCOs,

four (4) were detected at concentrations exceeding their respective PGWSCOs, and six (6) inorganics were detected at concentrations exceeding their respective CSCOs. Cyanide was also analyzed in soil samples and ranged in concentration from non-detect to 33 ppm. The highest concentration of cyanide was detected in soil boring MW-22 at 17 to 19 feet bgs. Metals are a primary component of naturally occurring soil and are typically detected in soil used for filling in urban areas, such as New York City.

2.4 GROUNDWATER SAMPLE RESULTS

One (1) round of groundwater sampling was conducted during the SC in 2009, two (2) rounds of groundwater sampling were conducted as part of the RI in November 2011 and June 2015. The latest round of groundwater sampling was conducted during 2018 SRI activities in November 2018. Laboratory analytical results for constituents detected in the groundwater samples are summarized in Tables 2a and 2b, and on Figure 8. Analytical results were compared with Class GA groundwater quality standards GWQS and guidance values contained in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 (NYSDEC, 1998). These GWQS and guidance values are protective of groundwater quality assuming that groundwater is used as a source of drinking water. That assumption is not applicable to the Site because groundwater is not used as a source of drinking water. Thus, the use of Class GA standards and guidance values for comparison to Site groundwater is conservative.

Summary of SC and RI Groundwater Analytical Results

A total of eighteen (18) VOCs were detected at least once in groundwater samples collected during RI activities. Of these, ten (10) VOCs (benzene, cis-1,2-dichloroethylene, ethyl benzene, isopropyl benzene, m/p-xylene, o-xylene, tert-butyl methyl ether, tetrachloroethylene, toluene, and vinyl chloride) were detected at concentrations exceeding their respective Class GA GWQSs and guidance values. Total VOC concentrations ranged from non-detect to 3,211 µg/L. The highest VOC concentration was detected in a sample collected from MW-30 during the 2011 sampling event.

A total of 23 SVOCs were detected in the groundwater samples collected. Of these, eleven (11) SVOCs were detected at concentrations higher than their respective Class GA GWQSs and guidance values. Total SVOC concentrations ranged from non-detect to 3,470 µg/L. The highest SVOC concentration was detected in a sample collected from MW-19 during the 2009 sampling event.

A total of 24 inorganics were detected in the groundwater samples collected. Of these, ten (10) inorganics were detected at concentrations in exceedance of their respective Class GA (AWQS) GVs. Results for cyanide indicated all detected concentrations were below the GWQS except for one location, CMW-37.

Summary of SRI Groundwater Analytical Results

A total of twelve (12) VOCs were detected at least once in groundwater samples collected during SRI sampling activities. Of these, five (5) VOCs (benzene, ethylbenzene, isopropylbenzene, tetrachloroethylene, and total xylenes) were detected at concentrations in

exceedance of their respective Class GA GWQSs and guidance values. Tetrachloroethylene (PCE) is not an MGP-related constituent of concern. Total VOC concentrations ranged from non-detect to 6,329 µg/L. Maximum VOC concentrations were detected in the sample collected from MW-30. Based on current and historical sampling data, total VOC concentrations are observed to have decreased over time in monitoring wells MW-15, MW-16, MW-19, MW-21, MW-25, CMW-36, and CMW-38, and concentrations are observed to have increased in monitoring wells MW-20, MW-30, and CMW-40.

A total of eighteen (18) SVOCs were detected in groundwater samples collected during SRI sampling activities. Of these, six (6) SVOCs (acenaphthene, benzo(a)anthracene, benzo(b)fluoranthene, chrysene, naphthalene, and phenol) were detected in excess of their respective Class GA GWQSs and guidance values. Total SVOC concentrations ranged from non-detect to 638.3 µg/L. Maximum SVOC concentrations were detected in the sample collected from MW-19. Generally, total SVOC concentrations are observed to be decreasing over time in all monitoring wells sampled during the 2018 SRI activities.

A total of nineteen (19) inorganic constituents were detected at least once in groundwater samples collected during SRI sampling activities. Of these, six (6) inorganic constituents (antimony, barium, iron, magnesium, manganese, and sodium) were detected in excess of their respective Class GW GWQSs and guidance values. Results for cyanide indicated all detected concentrations were below the GWQSs and guidance values.

2.5 PCB SITE CHARACTERIZATION

Based on the detected presence of PCBs in Parcel 2 soils, a PCB SC was completed within Parcel 2 in accordance with Supplement Remedial Investigation Work Plan (SRIWP)(Parsons, 2021). Initial sampling was completed in June 2021, with additional characterization completed between November 2021 and March 2024. The PCB SC is summarized in the following sections. All soil samples were submitted for laboratory analysis of PCBs in accordance with EPA Method 8082A via soxhlet extraction.

Initial PCB Site Characterization (June 2021)

During the 2020 security fence upgrade activities, abandoned pipes were encountered immediately below the surface on the eastern boundary of Parcel 2 during shallow excavations advanced to support the security fence upgrades. Soils within the abandoned pipes were collected and submitted for laboratory analysis for the purpose of waste characterization in December 2020. PCBs were detected in soils collected from the pipes at a concentration of 360 mg/kg, exceeding the TSCA criteria of 50 mg/kg for PCB remediation waste specified by 40 CFR 761.50(b)(3). Intrusive security fence upgrade field activities were temporarily halted pending further discussion regarding PCBs in Parcel 2 soils, and portions of the security fence and associated features along the western, southern, and eastern boundaries of Parcel 2 were temporarily secured.

Initial PCB SC sampling activities were completed in June 2021 along Parcel 2 boundaries where sections of the security fence were unfinished. Initial sampling was completed to

characterize surface soils that would be disturbed during the "make Site safe" efforts to finish a semi-permanent construction of the security fence in the following locations:

- Southwestern corner and western 32nd Avenue area, adjacent to Byrd's Alley and 32nd Avenue,
- Eastern 32nd Avenue area, along 32nd Avenue,
- Entrance gate area in northeastern section of Site, and
- Tree stump removal area in northeast corner of Site, at the corner of Farrington Street and 31st Drive.

Soil samples were collected from a total of 31 locations on approximately 10-foot horizontal intervals in locations where intrusive work was planned. Depending upon the depth of the excavation, which did not exceed 24-inches bgs, either one (1) or two (2) soil samples were collected from each sampling location. In locations where one (1) soil sample was collected, the top 6-inches of soil were sampled. In locations where two (2) soil samples were collected, the first soil sample was collected at the surface of the excavation area to a depth of 6-inches directly below the gravel cover subbase or asphalt/concrete cover (or at a depth interval of 6-inches to 12-inches bgs in bare soil areas) and the second soil sample was collected at the bottom 6-inch interval of the planned excavation depth.

A total of 60 soil samples were collected during June 2021 PCB sampling activities. A total of two (2) PCB Aroclors (Aroclor-1254 and Aroclor 1260) were detected at least once in soil samples, and PCBs were detected at concentrations ranging from 0.01 mg/kg to 52.0 mg/kg. PCBs were detected at concentrations exceeding CSCOs (1 mg/kg) in thirteen (13) samples, and in eight (8) locations.

Following completion of sampling efforts, characterized soils were removed from Parcel 2 and disposed of at properly licensed and/or permitted off-site disposal facilities in order to complete the security fence project.

Full PCB Site Characterization (November 2021 – March 2024)

Following completion of the "Make Site Safe" PCB Site Characterization completed in June 2021, a PCB Site Characterization was conducted from November 2021 to March 2024 as a part of the SRI to complete the delineation of PCBs present at concentrations greater than 1 mg/kg. Soil sampling was completed on an approximate 30-foot (9-meter) grid in 116 sampling grids (Grids A1 through A6 and Grids B1, C1, D1, E1, F1, G1, H1, I1, J1, and K1 through B11, C11, D11, E11, F11, G11, H11, I11, J11, and K11, respectively) (Figure 9).

Samples were initially collected from each sampling location as follows:

- One sample was collected from the 6-inch interval directly below the surface, or the 6-inch interval directly below the subbase material.
- One sample was collected from 3.5 to 4.0-foot bgs interval.

Where PCBs were detected at concentrations greater than 1 mg/kg in the 3.5 to 4.0 feet bgs interval, borings were advanced, and soil samples were collected and analyzed for PCBs in

discrete 0.5 feet intervals until PCBs were detected at concentrations in soil less than or equal to 1 mg/kg. Step-out borings were completed on a 30 foot-grid and were advanced to the depth interval in which PCBs were detected in concentrations in soil greater than 1 mg/kg in the adjacent boring. Step-out borings were advanced, and soil samples were collected and analyzed for PCBs in discrete 0.5 feet samples until PCBs in soil were detected at concentrations less than or equal to 1 mg/kg. The deepest interval in which PCBs greater than 1 mg/kg were detected in soil was from 7.5 to 8.0 feet bgs (Grids B9 and B10). Additionally, at the request of the NYSDEC, 37 deep borings were advanced in 36 sampling grids (Grids A1, A3, A5, B6, C2, C4, C8, D6, D7, D9, D10, E1, E2, E4, E8, F10, G1, G3, G5, G6, G8, G10, H1, H10, I1, I4, I6, I9, I10, J1, J2, J4, J9, K5, K8, and K10). Samples in these deep borings were collected from an 0.5 feet interval at a depth approximately 2 feet below the targeted ISS depth associated with MGP-remediation activities (maximum boring depth 49 feet bgs).

A total of 554 soil samples were collected at the Site for PCB analysis during the 2021 – 2024 PCB Site Characterization and submitted for laboratory analysis of PCBs via EPA Method 8082A via Soxhlet extraction. PCBs in soil were detected at concentrations ranging from non-detect to 64.0 mg/kg; no soil samples had PCB concentrations exceeding 100 mg/kg. Six PCB Aroclors (Aroclor-1221, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260, and Aroclor-1268) were detected at least once in soil samples.

One sampling grid (Grid G5) contained soil with PCB concentrations greater than or equal to 50 mg/kg (soil boring SB-143: 64.0 mg/kg [4.0 to 4.5 feet bgs], 51.0 mg/kg [4.5 to 5.0 feet bgs], 55.0 mg/kg [5.5 to 6.0 feet bgs], and 59.0 mg/kg [6.0 to 6.5 feet bgs]).

Eight (8) sampling grids contained soil with PCB concentrations greater than 10 mg/kg but less than 50 mg/kg (Grids B8, C9, C11, D10, E10, E11, G11, and I1).

Twenty-nine sampling grids contained soil with PCB concentrations greater than 1 mg/kg but less than or equal to 10 mg/kg (Grids A6, B6, B7, B9, B10, B11, C7, C8, C10, D8, D9, D11, E6, E7, E8, E9, F6, F9, F10, F11, G6, G7, G9, G10, H10, I11, J11, K2, and K11).

Additionally, twenty-five sampling grids contained soil with PCB concentrations greater than PGWSCOs (3.2 mg/kg) at depths ranging from 0.5 feet bgs to 7.5 feet bgs.

Seventy-eight sampling grids contained soil with PCB concentrations less than or equal to 1 mg/kg or non-detect (Grids A1 through A5, B1 through B5, C1 through C6, D1 through D7, E1 through E5, F1 through F5, F7, F8, G1 through G4, G8, H1 through H9, H11, I2 through I10, J1 through J10, K1, and K3 through K10). The laboratory analytical results for PCBs in the soil samples collected during the 2021 – 2024 PCB Site Characterization are presented in Table 5 with a summary of results provided on Figure 9.

2.6 VISUAL NAPL OBSERVATIONS

During each Site investigations soil boring, monitoring well installation, and soil sampling activities, soils were logged for physical characteristics (e.g., soil type, color, texture, moisture content, etc.), along with physical evidence of any impacted material (e.g., oil-like or tar-like NAPL, staining, sheens, odors, etc.). During investigation activities through 2022, NAPL was

encountered in soils at 50 locations. NAPL impacts in the form of NAPL blebs and NAPL saturation were observed in soils screened from the following monitoring well and soil boring locations and depths:

Investigation	Boring ID	Depth of Observed NAPL (feet bgs)
2009 Site Characterization	SB-17	13 – 17
	SB-19	13.5 – 22
	SB-22	14.5 – 17.5
	SB-23	10.5 – 19 and 24 – 24.5
	SB-25	14.5 – 20.5 and 28 - 30
	SB-26	15 – 16
	MW-14	12 – 22
	MW-15	14.5 – 20
	MW-16	14 – 20 and 22 – 24
	MW-18	16.5 – 20
	MW-19	15 – 21
2011 – 2015 Remedial Investigation	CMW-32	13 – 15
	CMW-33	17 – 21.5
	CMW-35	7 – 15
	CMW-38	13 – 19
	MW-22	9 – 13
	MW-23	21 – 23
	MW-24	38 - 40
	MW-25	9 – 16, 27.5 – 33, and 41 – 44
	MW-26	10 – 14 and 20 – 25
	MW-29	13 – 17
	SB-37	36 – 42
	SB-38	15 – 17
	SB-39	9 – 11 and 13 – 21
	SB-40	13 – 21
	SB-41	13 – 21
	SB-42	12 – 16 and 22.5 – 30
	SB-43	13 – 17

Investigation	Boring ID	Depth of Observed NAPL (feet bgs)
2011 – 2015 Remedial Investigation	SB-44	16.5 – 18
	SB-45	9 – 19, 21 – 25, and 27.5 – 33
	SB-47	11 – 17
	CSB-48	11 – 16
	SB-49	13 – 15
	SB-53	11 – 15
	SB-54	19 – 19.5
	SB-55	13 – 16.5
	CSB-57	15 – 16.5
	CSB-58	17 – 20
	SB-61	9 - 15
	SB-62	17 - 18
	CSB-65	13 – 15; NAPL noted on lodged rock
	CSB-66	12 – 13
	CSB-67	11 – 14
	SB-74	8 – 9
	SB-86	22 – 26
2021 – 2022 Supplemental Remedial Investigation	SB-87	21 – 22
	SB-90	12.5 – 25
	SB-97	25 – 28.5
	SB-91	13 – 17; 19 - 21
	SB-93	21.5 – 22; 37.8 – 40
	SB-94	9 – 9.5; 22 – 25
	SB-96	15.5 – 17; 21 – 21.5; 24 – 29
	SB-98	11.5 – 16; 18.5 - 25
	SB-111	13 – 14; 17 – 19
	SB-155	21 – 21.5
	SB-201	17 – 23
	SB-202	15.5 – 17
	SB-203	17 – 17.5
	SB-204	17 – 17.5
	SB-208	17 – 18.5

Investigation	Boring ID	Depth of Observed NAPL (feet bgs)
2021 – 2022 Supplemental Remedial Investigation	SB-209	42 – 42.5
	SB-210	21 – 22; 25 – 25.5; 33.5 – 34
	SB-215	16 – 20.5; 21 – 22

During monitoring well and soil boring installation activities completed as part of the SC and RI, samples of soil containing NAPL were collected and submitted to META Environmental for forensic hydrocarbon fingerprint analysis by modified Method 8100 from select locations. Samples from ten (10) borings and one (1) test pit were submitted for analysis. The laboratory reports indicate that two (2) out of eleven (11) samples contained pyrogenic materials, two contained petrogenic materials, and the remaining seven (7) contained a mixture of both. Where pyrogenic materials were present, they were similar in nature to tars formed from manufactured gas plants utilizing carbureted water gas processes.

During groundwater sampling activities, each well was monitored for the presence of NAPL. A summary of visual observations during each sampling event is provided below.

- 2009 Sampling Event - Light Non-Aqueous Phase Liquid (LNAPL) was observed in well MW-14 (less than 0.1 feet). No sheens were noted in any of the wells.
- 2011 Sampling Event - LNAPL was observed in monitoring wells MW-15 (~0.13 feet), MW-18 (~0.31 feet), and CMW-38 (~1.41 feet). In addition, a sheen was noted on the purge water from MW-16, MW-17, MW-19.
- 2015 Sampling Event - LNAPL was observed in monitoring wells MW-15 (~1.95 feet), MW-19 (~2.93 feet), and CMW-38 (~1.47 feet). In addition, NAPL was observed on the tape of the probe when it was retrieved from MW-18, and a heavy sheen was noted on the purge water from MW-16.
- 2018 Sampling Event – LNAPL was observed in monitoring wells MW-15 (~0.14 feet), MW-19 (~0.43 feet), and CMW-38 (~0.47 feet). A NAPL drawdown test was performed in CMW-38, and approximately 200 milliliters of NAPL was removed from the well and levels were subsequently monitored for a period of three hours, at which time only trace amounts of NAPL were measurable within the well.

During NAPL delineation boring activities completed during the 2021-2022 SRI, temporary groundwater monitoring wells were installed in each boring location and allowed to equilibrate for a period of at least 12-hours prior to gauging for the presence of NAPL. A summary of NAPL observations from temporary groundwater monitoring wells is provided below.

- SB-98 – LNAPL measured at a thickness of 0.61 feet,
- SB-173 – LNAPL measured at a thickness of 0.30 feet, and
- SB-111 – LNAPL measured at a thickness of 0.05 feet.

2.7 NAPL SAMPLING RESULTS

NAPL observed during the 2011 sampling event was collected and sent to META Environmental for forensic hydrocarbon fingerprint analysis by modified Method 8100. The

reports indicate that samples from all three monitoring wells contained both petrogenic and pyrogenic material. The reports note that the pyrogenic materials were similar in nature to tars formed from manufactured gas plants utilizing carbureted water gas processes.

During the 2018 SRI, LNAPL samples were collected at MW-15, MW-19 and CMW-38 and analyzed for physical properties (density, viscosity, and interfacial tension). Analytical results from each sample were fairly consistent and represented a typical MGP-type LNAPL. Physical properties were also indicative of LNAPL, which support field observations. The full laboratory analytical report pertaining to NAPL sampling is presented in the SRIR (Parsons, 2019).

The specific gravity of each NAPL sample ranged from approximately 0.89 to 0.92 (unitless) from 70 to 130 degrees F. The projected specific gravity in-situ (assuming 45 degrees Fahrenheit) ranged from approximately 0.905 to 0.902. Since these values are less than 1, this further confirms that the NAPL sampled is a LNAPL (Figure 10).

The measured viscosity varied from approximately 3.44 to 19.05 centistokes (3.02 to 17.50 centipoise) at 70 to 130 degrees Fahrenheit. The estimated in-situ viscosity is approximately 12 to 30 centistokes, when projecting this trend to 45 degrees Fahrenheit (Figure 11). As further discussed in the section below, NAPL mobility is inversely proportional to viscosity (as viscosity increases fluid mobility decreases, proportionally). Therefore, the elevated viscosities observed in NAPL collected from the Site suggest that NAPL mobility is low.

During the 2021-2022 SRI, LNAPL samples were collected from temporary monitoring wells installed at soil boring locations SB-98, and SB-173 and submitted for analysis of physical properties (density, viscosity, and interfacial tension). While NAPL was detected at measurable quantities in soil boring location SB-111, NAPL was not recovered in sufficient enough quantity to perform analysis of physical properties. The specific gravity of NAPL samples ranged from approximately 0.90 to 0.92 (unitless) at 70 to 130 degrees Fahrenheit. The estimated in-situ viscosity is approximately 11 to 13 centistokes. Additionally, a soil core of NAPL saturated soil was collected from soil boring location SB-90 at a depth of 15 to 19 feet bgs, flash frozen, and submitted for core slabbing, digital photography, and pore fluid saturation analysis. Pore fluid saturation of NAPL within the analyze interval of soil boring location SB-90 was approximately 13 percent.

2.8 LNAPL TRANSMISSIVITY TESTING

During the 2018 SRI field activities, an attempt was made to conduct a LNAPL transmissivity test at CMW-38 by removing 200 milliliters of NAPL from the monitoring well and subsequently collecting NAPL thickness measurements for a period of three (3) hours. Volumes of NAPL detected recharging within CMW-38 were insufficient to effectively measure NAPL thickness. Based on the transmissivity testing from November 2018 when no NAPL was detected recharging in CMW-38 for three hours following removal, it can qualitatively be stated that the NAPL transmissivity is low. Although no NAPL was recovered in the three hours following removal, a qualitative comparison was made to type curves provided in American Petroleum Institute (API) Publication 4762 (API, 2016). When comparing the Type curves (Figure 12), it can be noted that

the NAPL transmissivity is likely less than 0.005 feet^2/day, indicating there is little to no NAPL migration potential.

Groundwater and NAPL migrate by means of Darcy's law and fluid conductivity. Fluid Conductivity (such as hydraulic conductivity and NAPL conductivity), whether it is water or NAPL, is related to viscosity as shown below:

$$K = \frac{k\rho g}{\mu}$$

Where:

K= fluid conductivity (hydraulic or free phase)

k = intrinsic permeability (properties of the soil)

ρ = fluid density

g = gravitational acceleration (constant)

μ = dynamic viscosity of the fluid

Knowing that fluid conductivity is inversely related to dynamic viscosity (above), it can be demonstrated that as viscosity increases the fluid mobility decreases, proportionally. Figure 11 provides the field data from the NAPL and water samples from the Site, with extrapolation to groundwater temperatures. This plot of measured data demonstrated that the NAPL viscosity is approximately 7 to 15 times more viscous than groundwater at 45 degrees Fahrenheit, which suggests the NAPL transmissivity is at least 7 to 15 times lower than the hydraulic conductivity. Groundwater modeling, further described in Section 2.11, suggests that transmissivity in the vicinity of the Market Area and toward the east is fairly low. When considering the reduction of flow related to viscosity (without considering saturation, low NAPL head, and no observed NAPL migration), it can be concluded that the NAPL mobility is negligible.

LNAPL Body Stability and Declining Percent Saturation

LNAPL stability at the Site has been maintained through geological integrity of the soils and long-term nature of the historic site. Site observations which indicate LNAPL stability include:

- Lack of observed LNAPL at downgradient locations;
- Insignificant amount of LNAPL accumulation in wells;
- Low transmissivity of the LNAPL;
- Low hydraulic gradient observed from the Market Area and towards the east;
- Low simulated groundwater velocity;
- Groundwater concentrations over time trending downward; and

- Historical nature of the release.

The release of free product ended after decommissioning of the former MGP facility, which occurred in 1944. As such, the NAPL is assumed to be weathered, aged, and has decreased in migration potential. Furthermore, it is likely that most of the NAPL transport occurred during the previous active release period when there was a much higher hydraulic head, creating a driving force for NAPL migration. In cases of historical industrial sites where production has been discontinued for decades, the majority of NAPL migration had occurred during the operation of the facility when an active NAPL head was present. The NAPL head, and therefore NAPL migration, is significantly reduced following a prolonged discontinuance of former facility operations. Furthermore, the NAPL collected and analyzed is of relatively high viscosity, indicating it has further aged and reduced in mobility potential.

2.9 HYDRAULIC CONDUCTIVITY TESTS

During the 2018 SRI field activities, falling and rising head slug tests were completed at twelve (12) locations to quantify the hydraulic conductivity in various areas of the Site. In all cases, the rising head test was analyzed as it is more appropriate for wells screened across the water table. In one case (MW-21) the test was duplicated due to poor results from the initial test. After the recovery data was reduced and organized, a curve matching analysis was completed within Aquifer Test Pro V2015.1. Both Hvorslev (1951) and Bower and Rice techniques were used to analyze the results such that comparisons on mathematical methodology can be drawn and bracket the potential range resulting from test assumptions. This provides a more technically robust analysis.

Table 3 provides a summary of the tests in addition to screen intervals. The resulting hydraulic conductivities varied from 0.22 to 224 feet per day, however, as is typical when comparing slug tests for a group of locations the range of results is exaggerated by only a few samples. The geomean from the Hvorslev analyses was 15.6 feet per day, and the geomean from the Bower and Rice was 11.8 feet per day. Spatial distribution of the slug tests did not indicate a strong relationship between space and hydraulic conductivity, however there is some indication that along Farrington Street, southeast of the Market Area, the soils may have higher hydraulic conductivity. Furthermore, the stochastic nature of slug testing and relatively small area influenced by the slug limit the amount of defendable spatial interpretation which can be accomplished on these data.

2.10 TIDAL STUDY RESULTS

Based on the Site's proximity to the Flushing Bay and the East River, a tidal study was conducted within ten (10) groundwater monitoring wells during the 2018 SRI field activities. The tidal study allowed for evaluating the effects that tidal fluctuations may have on groundwater elevations and flow directions beneath the Site. Furthermore, the tidal study (being transient in nature) allowed for determination of other diurnal changes and effect from precipitation. Figure 13 displays the hydrographs from each well and the nearby College Point, Flushing Bay surface water elevation. The plot demonstrates there is no tidal effect from the nearby changing sea levels in the bay.

As a compliment to the transient data, the measurement period overlapped across several precipitation events. This allowed for observation and measurement of increases of water level change as the result of precipitation. There was an increase related to the precipitation events and the data provided important information related to relevant and absolute change in groundwater elevation as the result of precipitation.

2.11 SOIL GAS SAMPLE RESULTS

Soil gas sampling was completed in exterior areas of the Site during the RI, wherein soil gas sampling data indicated a total of 39 VOCs were detected at least once in collected soil gas samples. Three (3) of these compounds (acetone, benzene, and toluene) were detected in each of the soil gas samples collected. The number of VOCs detected in each sample ranged from eight (8) compounds in the SG-3 sample to 31 compounds in SG-6. The highest total concentration of VOCs (44,558 µg/m3) was detected in the sample collected from SG-5 which is co-located with soil boring SB-37. Soil gas analytical results are summarized in Table 4A.

In 2024, sub-slab soil vapor, indoor ambient air quality, and outdoor ambient air quality samples were collected for the purpose of evaluating potential soil vapor intrusion (SVI) and indoor air quality (IAQ) within the commercial businesses located at 31-06 to 31-22 Farrington Street, within Parcel 1 (Parsons, 2026). Collected air sampling results were compared to NYSDOH May 2017 and February 2025 Soil Vapor/Indoor Air Decision Matrix tables. No analytes associated with Decision Matrices B, C, E, or F were detected at concentrations exceeding applicable criteria. Certain analytes associated with Decision Matrix D were detected in sub-slab soil vapor at concentrations exceeding applicable criteria, however these analytes were not detected above applicable criteria in the associated indoor air sample. Certain analytes associated with Decision Matrix A were detected in sub-slab soil vapor and indoor air at concentrations suggesting either monitoring or mitigation is necessary, however when comparing indoor air quality results with outdoor ambient air concentrations, no further action was recommended. Two compounds associated with Decision Matrix A were detected at concentrations in sub-slab soil vapor and associated indoor air samples at concentrations suggesting either monitoring or mitigation is necessary (carbon tetrachloride, SSB-07 collected from 31-16 Farrington Street), or mitigation is necessary (trichloroethylene [TCE], SSB-10 collected from 31-22 Farrington Street). However, neither carbon tetrachloride or TCE are associated with MGP-related impacts. Sub-slab soil vapor, indoor ambient air, and outdoor ambient air analytical results, as compared to NYSDOH Decision Matrices, are summarized in Table 4B.

2.12 GROUNDWATER MODELING

Using data collected during the 2018 SRI field activities, a numerical finite difference groundwater model was developed, constructed, and calibrated (with sensitivity testing) to simulate groundwater flow conditions, and to simulate groundwater particle paths and associated velocities for the Site. The steady state model was calibrated to one set of synoptic water levels using groundwater hydraulic information (transmissivity, regional gradients, aquifer architecture, potential for tidal influences, etc. collected during SRI field activities).

Figures 14 through 16 demonstrate the results from each of the modeled scenarios listed below and are summarized here. Figure 17 provides a comparison of groundwater velocities.

The model was calibrated using regional information (surface water bodies), field data (hydraulic head measurements), and inverse modeling processes (software algorithms). Once calibrated objectives were met and the model produced results consistent with groundwater flow results, predictive scenarios were developed. Regional recharge to the aquifer was estimated at a low value of 1.16 inches per year, but slightly above published value of 0.89 inches per year. Due to the retail building in the Market Area, the recharge under the building was reduced to 0.22 inches per year to support calibration. It was observed that because of the steady state simulation, and the idealized nature of the model, elevated water mounding occurred in Parcel 1. Therefore, predictive model runs were established with calibrated recharge and zero recharge for the three parcels. While surface improvements and engineering design can further reduce recharge in parcels, it remains unknown if recharge could be reduced to zero. As such, for the varying recharge predictive scenarios, the calibrated recharge and zero recharge simulations provide a range of groundwater velocities, and it is likely that the actual velocity would be within this range. Below is a summary of the initial model scenarios.

Existing Conditions:

- The groundwater flow under existing conditions travels to the southeast off of a slightly elevated groundwater mound, on top of the clay observed under the Parcel 1 parking lot area and northwest area of the Site, and
- Based on the calibrated model, the existing groundwater velocity through the Site is low to moderate, varying from approximately 10 to 54 feet per year.

Subsurface Barrier Wall:

- In the parking lot area of Parcel 1, the simulated particle velocities decreased to negligible rates of approximately 3 feet per year using calibrated recharge, and 0.06 feet per year assuming no recharge to the water table. This is due to the result of the low permeability underlying clay and the typical hydraulic conductivity of subsurface barrier walls (e.g., 10^{-7} centimeters per second);
- In the Market Area, the simulated particle velocities decreased due to groundwater being diverted around this area. On the western side of the Market Area, the simulated average particle velocity is reduced to 6 feet per year due to the decrease in head that would be caused by the subsurface barrier walls nearly surrounding the parcel. Near the east side of the Site, the average linear velocity would be approximately 28 feet per year, and
- In the southern area (Parcel 2) of the Site, simulated particle velocities decreased to approximately 3 feet per year due to the lower recharge and low vertical hydraulic conductivity of the sand in this unit (0.32 feet per day to 2 feet per day).

ISS:

- Under this modeling scenario, ISS would be performed in the parking lot area of Parcel 1, and within Parcel 2, as noted on Figure 16a. No particles were tracked from within the ISS areas, as it was assumed that the ISS would eliminate flux. However, the remedy detailed in the revised AAR to include ISS does not propose that ISS be completed within Parcel 1.; and

- In the Market Area, the groundwater flow was reduced to similar rates as the subsurface barrier wall alternative. On the western side of the Market Area, the average linear velocity was reduced to 7 feet per year. Closer to the east side of the Site the average linear velocity was also approximately 28 feet per year.

Overall, the results of the groundwater modeling for the above modeled scenarios indicate that there is minimal difference between a subsurface barrier wall remedy compared to an ISS remedy for the Site in terms of overall effectiveness in reducing the potential for contaminant migration off-site, should each remedial scenario include intrusive activities in Parcel 1. In both scenarios, groundwater flow in the parking lot area of Parcel 1 is fully contained, and groundwater flow in the majority of the Market Area and Parcel 2 is reduced to less than 10 feet per year. The results of this modeling are summarized in the Supplemental Remedial Investigation Report (SRIR) for the Site (Parsons, 2019).

Following initial modeling scenarios, the groundwater model was refined to include the implementation of ISS within Parcel 2 only. The ISS areas were simulated with low hydraulic conductivity zones representative of a clay material (0.0028 feet per day or 1 x 10^{-6} centimeters per second [cm/s]). The hydraulic conductivity zones were emplaced within the model to reflect the eventual Site conditions.

To evaluate the effects of ISS within Parcel 2 on the groundwater flow at the Site, particle tracking was performed for post-construction conditions to compare differences in the average linear velocity to existing conditions (Figure 16b). As with the initial model scenarios, four particles were tracked within Parcel 1 (two within the northern parking lot area, and two within the vicinity of the Market Area), and four particles were tracked within Parcel 2 for existing conditions. For the post construction conditions model, the same particles were tracked within Parcel 1. However, the four particles within Parcel 2 were not simulated since it is expected that there will be negligible flow within this region because of the ISS.

The average linear velocities for the 10 years following construction for the four particles tracked in both the existing conditions and the construction conditions are summarized in the table below:

Average Linear Velocity Over 10 Years			
Location	**Particle #**	**Existing Conditions (feet/year)**	**Post-Construction Conditions (feet/year)**
Parcel 1 Market Area	1	39.60	49.30
	2	34.21	43.20
	7	37.93	41.22
Parcel 1 Parking Lot Area	8	34.08	33.99

Particles within the northern parking lot area of Parcel 1 had similar average linear velocities between existing and post construction conditions. The particles within the Market Area demonstrated a slight increase in flow velocity due to particle migration around the ISS body in Parcel 2, causing a convergence of flow patterns.

2.13 PRELIMINARY EVALUATION OF NATURAL ATTENUATION

Groundwater analytical data collected during the SC, RI, and SRI, as well as annual groundwater analytical data collected from the adjacent Farrington Holder site (Parcel 3), were utilized to perform a preliminary evaluation of natural attenuation at the Site. While not an in-depth monitored natural attenuation (MNA) analysis, the quantity of available data allows for the analysis of concentration trends across the Site over time. Preliminary analysis of natural attenuation can therefore be utilized to determine if a formal MNA analysis would be appropriate to consider.

Through preliminary analysis, it was determined that reductions in the concentrations of MGP-related impacts can be observed throughout the Site in a downgradient direction. For example, benzene concentrations show a decreasing downgradient trend, with benzene concentrations in downgradient wells below applicable groundwater standards (Figure 18).

Bulk attenuation rate for the contaminant plume can be obtained through the relationship between concentration and distance (Newall et al., 2002). For example, fitting an exponential curve to the 2018 benzene data collected from groundwater monitoring wells CMW-40, MW-30, MW-15, MW-6, and MW-13 (aligned from upgradient to downgradient) indicates that the plume reaches concentrations below applicable groundwater standards at a distance of 500 feet downgradient of CMW-40 (Figure 18). Additionally, a downward trend in concentration is observed in individual well concentration plots for benzene over time, indicating that the plume is degrading. While not all contaminants were included in the preliminary analysis, this decreasing trend of concentrations over time can be observed for multiple contaminants, suggesting that the contaminant plume is either retracting, or is stable (Figure 19).

SECTION 3

EXPOSURE ASSESSMENT

Information collected during the SC, RI, 2018 SRI, and 2021-2022 SRI, 2021-2024 PCB SC, and 2024 SVI/IAQ Investigation has been used to qualitatively assess potential exposure pathways for the various detected compounds in Site soils, groundwater, and soil gas. The Site is located in a highly urbanized area and is zoned for commercial/industrial use. Retail commercial businesses occupy the area of Parcel 1 and the Market Area. Therefore, the current surface at Parcel 1 and the Market Area is largely covered by asphalt parking lots, concrete sidewalks and buildings. Parcel 2 is utilized as an equipment storage, trailer storage, material lay down area, and vehicle storage yard/lot. The current surface of Parcel 2 is a mixed paved and gravel lot.

Results from several subsurface soil samples indicate the presence of MGP-impacted soils as well as VOC and SVOC concentrations above the USCOs, PGWSCOs, and CSCOs. The highest total VOC and SVOC concentrations noted were 1,376 mg/kg in soil boring SB-25 and 14,164 mg/kg in soil boring CMW-32, respectively. Individual exceedances of the USCOs and PGWSCOs were detected at depths ranging from 2.8 feet bgs in test pit TP-15 to 45 feet bgs in monitoring well soil boring MW-25. Individual exceedances of the CSCOs were detected at depths ranging from 3.5 feet bgs in test pit TP-12 to 45 feet bgs in monitoring well soil boring MW-25. Exceedances of USCOs, PGWSCOs, and CSCOs were detected throughout the majority of Parcels 1 and 2 as well as under adjacent sidewalks and the Stop and Shop parking lot. Impacts to soil do not appear to extend east under Farrington Street, to the south under 32nd Avenue, west under the commercial buildings along Downing Street, or north under the Whitestone Expressway. However, impacts may be present under 31st Road, 31st Drive, Ulmer Street and adjacent sidewalks as well as the sidewalks on the north side of 32nd Avenue and south side of the Whitestone Expressway Service Road East. Shallow impacted materials may be encountered during maintenance activities (e.g., utility work or building construction). Therefore, potential future intrusive activities brought to the attention of Con Edison will be evaluated to help ensure mitigation of potential human health exposures.

Results from surface and subsurface soil samples collected during the PCB SC indicate the presence of PCB-impacted soils within Parcel 2 at concentrations exceeding PGWSCOs at depths ranging from 0.5 feet bgs to 7.5 feet bgs, and CSCOs at depths ranging from 0.5 feet bgs to 8.0 feet bgs. A maximum PCB concentration of 64.0 mg/kg was detected within an isolated area towards the center of Parcel 2. Shallow impacted materials may be encountered during maintenance activities (e.g., utility work or building construction). Based on PCB concentrations, Parcel 2 will be remediated as specified in the SICP to remove PCB-impacted soils at concentrations greater than or equal to 10 mg/kg.

Groundwater results identified VOC and SVOC concentrations exceeding the Class GA GWQS and guidance values at the Site. Groundwater at the Site is currently not used for a potable water source and there are no plans for future use of potable or commercial/industrial groundwater at the Site. The depth to groundwater at the Site ranges from approximately 3.5 feet to 19 feet bgs. However, the depth to groundwater at locations where the Class GA GWQSs and guidance values

were exceeded is deeper, ranging from approximately 11 to 19 feet bgs. Therefore, potential exposure to groundwater during intrusive subsurface activities (e.g., repair of underground utilities) is not likely at these locations. Surface water and sediment are not present at the Site.

Soil gas sample results indicate the presence of VOCs, including potentially MGP-related compounds in soil gas samples collected adjacent to buildings on or near the Site. The adjacent buildings on Parcel 1 and west of Parcel 2 are commercial buildings. The soil gas samples collected adjacent to these commercial buildings ranged from three (3) to eight (8) feet below ground surface. In addition, it is fairly typical for commercial buildings similar to the adjacent buildings to have heating, venting and air conditioning (HVAC) system that may provide sufficient air exchanges and/or positive pressure to mitigate potential soil vapor intrusion concerns. The SVI/IAQ investigation completed in December 2024 within the buildings located on Parcel 1 indicated that potential SVI associated with MGP-related impacts is not occurring at the Site.

SECTION 4

REMEDIAL GOALS, SCGS, AND REMEDIAL ACTION OBJECTIVES

4.1 REMEDIAL GOAL

The remedial goal for the Site is to ensure that MGP-related contamination does not present a threat to human health or the environment considering the manner in which the Site is utilized. The goal will be achieved by putting into place a plan to prevent uncontrolled exposure to MGP-impacted soil and groundwater.

Remedial activities associated with PCBs present in Site soils are presented separately in the PCB SICP for Parcel 2 of the Site, detailing excavation activities to be conducted for the removal of PCB-impacted soil at concentrations greater than or equal to 10 mg/kg. As such, this section pertains only to the MGP-related impacts at the Site.

4.2 APPLICABLE STANDARDS, CRITERIA AND GUIDANCE VALUES

NYSDEC *DER-10* includes a complete list of standards, criteria, and guidance values (SCGs). The SCGs for soil and groundwater include the 6 NYCRR Part 375-6 Soil Cleanup Objectives (SCOs) for commercial use and protection of groundwater and the NYSDEC *Division of Water Technical and Operational Guidance Series -Water Quality Standards* (*WQS*) - *6 NYCRR 700 to 706* (NYSDEC, 1998). The above SCGs represent available criteria and guidance used by the NYSDEC to evaluate soil and groundwater quality. It should be noted, however, that neither the 375-6 SCOs or WQS are directly applicable to the Site groundwater because the local groundwater is not used as a drinking water source, nor will it likely be used in the future due to New York City laws. The 6 NYCRR Part 375-6 SCOs and WQS are provided as SCGs for comparison purposes only.

4.3 REMEDIAL ACTION OBJECTIVES

Remedial Action Objectives (RAOs) are medium-specific objectives which achieve protection of public health and the environment. RAOs were established based on contaminated media, identified contaminants of concern, SCGs, and results of the exposure assessment. SCGs are promulgated requirements and non-promulgated guidance which guide site activities during investigation and remediation. The standards and criteria are set forth in Federal or New York State law and they are either directly applicable or relevant and appropriate to a contaminant, remedial action, location, or other circumstance. Guidance includes non-promulgated criteria which should be considered, for investigation and/or remediation. The following generic RAOs are identified on the NYSDEC website and are to be used for various media, where applicable:

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

- Prevent inhalation exposure to contaminants volatilizing from soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater contamination.

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Prevent the discharge of contaminants to surface water.
- Remove the source of groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

SECTION 5

DESCRIPTION AND EVALUATION OF REMEDIAL ALTERNATIVES

This section describes the remedial action alternatives for the Site and evaluates them against criterion included in DER-10. Remedial activities associated with PCBs present in Site soils are included in the PCB SICP for Parcel 2 of the Site.

5.1 PRELIMINARY SCREENING OF REMEDIAL ALTERNATIVES

As part of the remedial action selection process for the Site, a preliminary screening was performed to reduce the number of remedial technologies potentially applicable with respect to technical implementability. Technical implementability was determined by using the known Site conditions and investigation results to screen out technologies that cannot be effectively implemented at the Site. The alternatives evaluated in the AAR are consistent with those approved by the NYSDEC in an e-mail dated October 19, 2017, and further summarized in the October 13, 2020 approval letter for the SRIR.

The results of the preliminary screening for remedial technologies to address MGP-related impacts at the Site are presented on Table 6. Based on preliminary screening, the types of remedial technologies listed below were identified as applicable technologies to retain for further evaluation:

- Excavation and off-site disposal and treatment of MGP-impacted soils;
- *In-situ* stabilization and solidification (ISS) of MGP-impacted soils;
- Installation of a NAPL barrier wall and/or cap for containment of MGP impacts;
- NAPL recovery system, and
- Institutional and engineering controls.

The identification of alternatives using retained remedial technologies took into consideration the limitations posed by Site conditions, current Site use and short-term impacts to existing infrastructure, local businesses and the community. All portions of the Site are currently used by active commercial businesses or active roadways. Based upon Site investigations, NAPL is most commonly encountered between 8 and 20 feet of depth, consistently at or below the water table. Isolated occurrences of NAPL were also observed during Site investigations at depths up to 44 feet, typically adjacent to structures.

5.2 DEVELOPMENT OF REMEDIAL ALTERNATIVES

An extensive evaluation of the above remedial technologies has been conducted for the Site while considering the challenges and risks associated with short term impacts to local businesses and the community, existing utilities and infrastructure, Site use, adjacent buildings and structures, subsurface obstructions, on-site space constraints, Site geology, etc. In addition, the evaluation considered comments received from the NYSDEC on the draft AAR, the existing conceptual site model (CSM) and the remedial goals and RAOs for the Site. That evaluation culminated in the following three remedial alternatives for the Site:

- Alternative 1 – NAPL Recovery, Monitored Natural Attenuation and Institutional and Engineering Controls
- Alternative 2 – *In-Situ* Containment of MGP-impacted Site Soils
- Alternative 3 – *In-Situ* Stabilization/Solidification of MGP-impacted Site Soils, NAPL Recovery, Monitored Natural Attenuation, and Institutional and Engineering Controls.

Each of these alternatives will result in soils remaining on Site that contain some degree of impacts above USCOs. For example, under Alternative 2, MGP-impacted soils would be left in various portions of the Site, however they would be contained via the installation of a subsurface barrier wall, which would inhibit NAPL migration. Similarly, for Alternative 3, where MGP-impacted soils would be left in various portions of the Site, they would be either stabilized/solidified in-place, removed via recovery wells, or monitored for natural attenuation. Therefore, in accordance with DER-10, institutional and engineering controls will be established to mitigate risks associated with these impacted soils. For the purpose of alternative evaluations, the establishment of institutional and engineering controls were included in each evaluated alternative. To facilitate these institutional and engineering controls, a Site Management Plan (SMP) would be developed. The SMP will identify the implementation procedures required for institutional and engineering controls at the Site.

The purpose of the SMP is to provide:

- A description of the institutional and engineering controls for the Site;
- The basic operation and intended role of each implemented institutional and engineering control;
- A description of the features that should be evaluated during each periodic inspection and compliance certification period;
- A description of plans and procedures to be followed for implementation of institutional and engineering controls, such as the implementation of an Excavation Plan for the safe handling of MGP-impacted soils that may be disturbed during maintenance, redevelopment or subsurface utility repair/relocation;
- Any other provisions necessary to identify or establish methods for implementing the institutional and engineering controls required by the selected remedy, as determined by the NYSDEC; and
- A description of the reporting requirements for these controls.

The SMP will be developed for the boundaries of the Site. At a minimum, the SMP will include following items:

- The notification requirements for future soil disturbance activities that will encounter MGP-impacted materials that may be present;
- Soil Excavation and Handling Plan;
- A flow chart showing guidelines for intrusive activities;

- Requirements for evaluation of the need for additional investigation or further delineation based on accessibility due to new Site construction or changes in Site use; and
- Requirements for annual inspections and certifications in accordance with DER-10.

For future intrusive construction activities, the contractor or owner will prepare a Site-specific Health and Safety Plan (HASP) that meets the requirements of DER-10, and 29 CFR 1910, 29 CFR 1926, and all other applicable federal, New York State and local laws and regulations. The New York State Department of Health (NYSDOH) requires that during intrusive activities at contaminated sites, real-time monitoring for VOCs and particulates (i.e., dust) be conducted at the downwind perimeter of each designated work area. This air monitoring should be conducted during future intrusive remediation or construction excavation activities in accordance with the NYSDOH Generic (CAMP) (NYSDEC, 2010) provided as Appendix B. The purpose of the air monitoring program is to ensure that the community and general public are not exposed to hazardous constituents at levels above accepted regulatory limits.

In accordance with DER-10 Section 6.3 and 6 NYCRR Part 375-1.8(h)(3), a Periodic Review Report (PRR) will be submitted to the NYSDEC to document the efficacy of the institutional controls (IC) described in the SMP. The PRR will be signed by a professional engineer or other qualified environmental professional. If changes are noted, the PRR will include documentation explaining why the certification cannot be rendered and a statement of proposed corrective measures with a proposed schedule for implementing the corrective action.

5.3 EVALUATION CRITERIA

In accordance with 6 NYCRR 375-1.8(f) and in conjunction with the additional guidance provided in DER-10 subsection 4.2 (b) through (j), the remedial alternatives identified above are evaluated in subsequent sections with respect to the following nine evaluation criteria:

1. Overall protection of public health and the environment
2. Compliance with remedial goals, RAOs, and applicable SCGs
3. Long-term effectiveness and permanence
4. Reduction of toxicity, mobility or volume
5. Short-term impacts and effectiveness
6. Implementability
7. Cost-effectiveness
8. Land Use
9. Community Acceptance

5.3.1 Overall Protection of Public Health and the Environment

This threshold criterion is an assessment of whether the remedial alternative meets requirements that are protective of human health and the environment. Overall protection of human health and the environment considers how the proposed remedial alternative prevents or mitigates potential risks. The overall assessment is based on a composite of factors assessed under the

subsequent evaluation criteria, particularly long-term effectiveness and performance, short-term effectiveness, and compliance with SCGs.

5.3.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs

As per 6 NYCRR Part 375 and DER-10 subsection 4.2(c), this threshold criterion conforms to officially promulgated standards and criteria that are either directly applicable, or that are not directly applicable but are relevant and appropriate, unless good cause exists why conformity should be dispensed with.

Such good cause is defined in both 6 NYCRR Part 375 and DER-10. DER-10 subsection 4.2(c) specifically states that good cause exists if any of the following are present:

- The proposed action is only part of a complete program or project that will, as a whole, conform to such standard or criterion upon completion;
- Conformity to such standard or criterion will result in greater risk to the public health and the environment than alternatives;
- Conformity to such standard or criterion is technically impracticable from an engineering or scientific perspective; or
- The program or project will attain a level of performance that is equivalent to that required by the standard or criterion through the use of another method or approach.

The RAOs for the Site, detailed in Section 4.3, were identified based upon the SCGs applicable to the current, intended, and reasonably anticipated future use of the Site.

5.3.3 Long-Term Effectiveness and Permanence

This criterion addresses the performance of a remedial alternative in terms of its permanence and the quantity/nature of waste or residuals remaining at the Site after implementation. An evaluation is made on the extent and effectiveness of controls required to manage residuals remaining at the Site and engineering and institutional controls necessary for the remedy to remain effective. The factors that are evaluated include permanence of the remedial alternative, magnitude of the remaining risk, adequacy of controls used to manage residual contamination, and the reliability of controls used to manage residual contamination.

5.3.4 Reduction of Toxicity, Mobility or Volume

This criterion assesses the remedial alternative's use of technologies that permanently and significantly reduce toxicity, mobility, or volume (TMV) of the contamination as their principal element to the extent possible. Preference is given to remedies that permanently or significantly reduce the TMV of the contamination at the Site.

5.3.5 Short-Term Impacts and Effectiveness

This criterion assesses the effects of the remedial alternative during the construction and implementation phase with respect to the effect on human health and the environment. The factors that are assessed include protection of the workers and the community at the Site and adjacent properties during the implementation of the remedial action, environmental impacts that result from the remedial action and the time required until the RAO is achieved.

5.3.6 Implementability

This criterion addresses the technical and administrative feasibility of implementing the remedial alternative and the availability of various services and materials required during implementation of the remedial action for the Site. The evaluation includes the feasibility of construction and operation, the reliability of the technology, the ease of undertaking additional remedial action, monitoring considerations, activities needed to coordinate with regulatory agencies, availability of adequate equipment, services and materials, off-site treatment, impacts to nearby utilities and structures, and storage and disposal services.

5.3.7 Cost-effectiveness

Qualitative discussion is included to allow for comparative analysis between alternatives.

5.3.8 Land Use

This criterion addresses the current, intended, and reasonably anticipated future land use of the Site. 6 NYCRR 375 subchapter 1.8(f)9 requires that land use criterion be considered.

5.3.9 Community Acceptance

Concerns of the state and the community will be addressed separately in accordance with a Citizen Participation Plan (CPP) and requirements outlined in DER-10's citizen participation section.

5.4 ALTERNATIVE 1 – NAPL RECOVERY, MONITORED NATURAL ATTENUATION, AND INSTITUTIONAL AND ENGINEERING CONTROLS

This remedial alternative would consist of the development and implementation of a long-term inspection and monitoring program, the installation of a NAPL recovery well network and institutional controls to avoid the creation of a completed exposure pathway.

It is anticipated that NAPL recovery wells would be installed in areas of the Site where free product remains. Recovery wells will be located along the perimeter of the Market Area and in select areas of Parcel 2. Preliminary recovery well locations are shown on Figure 20. The actual number and location of recovery wells would be determined during design. Should NAPL accumulate in the Site monitoring/recovery wells in significant amounts, periodic removal would be warranted.

In addition, this alternative includes conducting a formal analysis of the extent and rate at which natural attenuation is progressing. A preliminary assessment of natural attenuation was performed and based on review of groundwater analytical data collected during the SC, RI, and 2018 SRI, it was determined that downgradient reductions in concentrations of MGP-related impacts can be observed throughout the Site for multiple constituents. Concentrations of MGP-related impacts are observed to be decreasing both over time and in a downgradient direction at the Site. Based on these preliminary results there is credible evidence that the plume is currently retracting and eventually groundwater concentrations will decrease below the groundwater criteria through natural attenuation mechanisms. In order to better quantify this observation a formal

MNA program will be utilized to identify biogeochemical mechanisms, plume retraction rates, and quantifiable location specific decay rates, such that the Site can remain protective, without increases in the Site risk profile.

Under this alternative, a robust groundwater monitoring program would be developed utilizing the existing groundwater monitoring well network, to include monitoring wells installed during the 2021-2022 SRI for ongoing monitored natural attenuation at the Site. Site data would be analyzed and modeled to qualitatively and quantitatively confirm plume dynamics and appropriate changes (if any) to the monitoring program.

Institutional and engineering controls associated with this alternative would be implemented on Tax Block 4406 Lots 30, 32, 50, and 56.

5.4.1 Overall Protection of Public Health and the Environment

Although there is no current pathway for exposure to MGP-impacted soils or groundwater during day-to-day operations, non-routine activities (e.g., intrusive activities associated with new construction or maintenance of an underground utility or structure) or a change in Site use could create an exposure pathway and potential unacceptable risks. Therefore, in accordance with DER-10 and to protect public health and the environment, institutional and engineering controls will be established to mitigate risks associated with these soils and groundwater. Such controls would be facilitated by the development of an SMP which would identify the implementation procedures required for institutional and engineering controls at the Site. Assuming this is the case, this alternative would be protective of human health. However, MGP-impacted material would be left on-site which has the potential to adversely impact the environment. Based on data collected to date, NAPL is not migrating off-site. Should NAPL accumulate in the Site monitoring/recovery wells in significant amounts warranting removal, periodic NAPL removal events will be conducted. A monitoring program would be implemented as part of this alternative to verify that these conditions do not significantly change and that MNA is occurring.

5.4.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs

Most of the remedial goals and RAOs specified for the development of this AAR would be met for this alternative. Public health RAOs would be met through maintenance of the existing Site cover and implementation of institutional controls and an SVI evaluation will be performed for potential future enclosed structures. Three environmental protection RAOs would not be achieved (Prevention of contaminant migration that would result in groundwater contamination, restoration of ground water aquifer to pre-disposal/pre-release conditions, and removal of contamination source) because MGP-impacted soils would be left in place. However, groundwater is not used as a drinking water source in this location, nor are there any future plans to use it as such. In addition, a monitoring program would be implemented to verify that groundwater conditions do not significantly change and MNA is occurring. Lastly, should NAPL accumulate in the Site monitoring/recovery wells in significant amounts warranting removal, periodic removal would be conducted.

5.4.3 Long-Term Effectiveness and Permanence

The long-term effectiveness of the remedy would be reliant on institutional and engineering controls. Annual inspections of the cover system would be required to ensure it continues to prevent direct contact and exposure to impacted soil and groundwater during day-to-day use of the Site. In addition, a groundwater monitoring program will be implemented to verify groundwater conditions do not change in a way that creates new exposure pathways. In the event of intrusive activities that extend to depths that would come in contact with MGP-impacted materials, a SMP will be utilized in order for work to be carried out in controlled manner. As long as the institutional and engineering controls are maintained, the remedial alternative would be effective long term.

In addition, a robust groundwater monitoring program would be implemented to monitor the long-term effectiveness and permanence of this alternative including the periodic removal of NAPL should significant amounts accumulate in existing monitoring/recovery wells to warrant removal and ongoing MNA at the Site.

5.4.4 Reduction of Toxicity, Mobility or Volume

Since the proposed remedial alternative does not involve intrusive activities, and instead utilizes the current asphalt, concrete and gravel cover at the Site, there is no immediate reduction in the toxicity, mobility, or volume of MGP-impacted materials other than the periodic removal of NAPL should it accumulate in the Site monitoring/recovery wells in significant amounts warranting removal. In addition, a preliminary assessment of natural attenuation was performed, and it was determined that natural attenuation is occurring, contributing to some reduction over time. The current natural plume reduction rate is sufficient to have caused plume retraction over time and reduced mass at a currently unquantified rate. This rate will be quantified during the formal natural attenuation analysis and verified as part of the ongoing monitoring program.

5.4.5 Short-Term Impacts and Effectiveness

No short-term risks are introduced with the implementation of institutional and engineering controls, as the remedial alternative does not include construction activities that would adversely impact local businesses and the community. The installation of recovery wells or additional monitoring wells would require only drilling equipment with minimal short-term impacts.

5.4.6 Implementability

Considering a cover system is already in place at the Site, there are no challenges associated with utilizing the cover system. The engineering and institutional controls associated with a SMP have been implemented successfully on similar sites. A groundwater monitoring well network currently exists at the Site. On-site wells would be utilized for the purpose of MNA, and additional monitoring wells would be installed if deemed appropriate and where feasible. The installation of the NAPL recovery well network is also implementable given that multiple wells have been previously installed at the Site.

5.4.7 Cost-effectiveness

Costs associated with this alternative would be moderate.

5.4.8 Land Use

Parcel 1 is currently occupied by retail stores including a Stop and Shop grocery and pharmacy (the Market Area). Parcel 2 is currently utilized as an equipment storage, trailer storage, and material lay down area. Impacts above SCOs would remain on Site but would not be encountered during routine operations at the Site. Controls and restrictions to prevent exposure to remaining impacts would be implemented by a SMP. The alternative would be consistent with current land use.

5.4.9 Community Acceptance

Concerns of the state and the community will be addressed separately in accordance with a (CPP) and requirements outlined in DER-10's citizen participation section. Given that this alternative would not result in significant disruptions to ongoing businesses and existing Site operations, community acceptance is not anticipated to be a challenge.

5.5 ALTERNATIVE 2 – IN-SITU CONTAINMENT OF MGP-IMPACTED SITE SOILS

This remedial alternative would involve the following major components:

- Installation of a subsurface containment barrier to mitigate NAPL migration;
- Installation of a NAPL recovery well network in select portions of the Site, and
- Establishment of Institutional and Engineering controls for remaining Site Contamination.

Based on the SC, RI, 2018 SRI and 2021-2022 SRI investigation conducted at the Site, the estimated conceptual alignment of the containment barriers associated with this alternative are depicted on Figure 21. Under this alternative, a subsurface barrier wall would be installed along the Site perimeter in order to inhibit the migration of NAPL from the Site. Based on subsurface conditions at the Site, the configuration and target depth of the barrier wall would vary by location.

As discussed in Section 2.11, groundwater flow modeling was utilized to provide hydrogeologic support for remedial scenarios, including the use of perimeter barrier walls. Groundwater modeling resulted in quantified groundwater flow conditions and improved estimates of hydraulic conductivity at the Site.

Parcel 1

A clay confining layer is encountered at approximately 16 feet bgs within Parcel 1. Based on this, a perimeter barrier wall within Parcel 1 would be installed to a depth of approximately 18 feet bgs, keying into the underlying clay. When assuming a regional groundwater recharge of 1.16 inches per year, simulated particle paths were reduced to negligible rates of 3 feet per year. However, the parcel is underlain by a low permeability clay, and the typical hydraulic conductivity of a subsurface barrier wall is low (e.g., 10^{-7} centimeters per second). Therefore, when assuming that groundwater recharge can be eliminated with engineering controls, simulated particle

velocities within the parcel result in a reduction of groundwater flow velocities to 0.06 feet per year.

Parcel 1 is located within the parking lot of an active shopping center. While there is space at the Site, the presence of equipment, storage, and reagent mixing tanks would impact the shopping center during remedial activities.

Market Area

Under this alternative, a perimeter barrier wall would be installed around the northern, western, and southern sides of the Market Area located in the center in the Site in order to mitigate the potential lateral migration of MGP-related impacts beneath the shopping center, as depicted on Figure 21. The northern half of the Market Area is underlain by the clay confining layer present in Parcel 1, while the southern half of the Market Area is underlain by unconsolidated sands.

The perimeter barrier wall located adjacent to the northern and western portion of the Market Area would be installed to a depth of approximately 18 feet bgs. This portion of the barrier wall would key into the underlying clay. The perimeter barrier wall located along the southern portion of the Market Area would be installed to an approximate depth of 40 feet bgs, based on the presence of unconsolidated sands and MGP-related impacts observed up to 38 feet bgs.

Under this barrier wall configuration, simulated particle velocities decrease due to groundwater being diverted around the area. Groundwater velocity is reduced to approximately 6 feet per year along the western portion of the parcel, as the subsurface barrier wall nearly surrounding the parcel would result in a decreased hydraulic head on the interior of the wall. Groundwater velocity under this barrier wall configuration in the eastern portion of the parcel is reduced to approximately 28 feet per year.

The exact configuration of the barrier wall would need to consider all surrounding utilities, and the construction records of adjacent buildings would need to be examined. A barrier wall around the entire perimeter of the shopping center was considered. However, based on information gathered during the prior investigations (e.g., utilities, space constraints), installation of a subsurface barrier along the eastern portion of the shopping center is not practical.

Subsequent to the installation of the barrier wall, a NAPL recovery well network would be installed. It is anticipated that NAPL recovery wells would be installed in areas of the Site where free product remains. Recovery wells will be located along the southern perimeter of the Market Area. The actual number and location of recovery wells would be determined during remedial design.

Parcel 2

Parcel 2 is underlain by unconsolidated sands, and bedrock was not encountered during installation of soil borings during the SC and RI. Based on this, and the observation of MGP-related impacts at depth, a perimeter barrier wall would be installed around Parcel 2 to a depth of approximately 40 feet bgs in order to mitigate lateral migration of MGP-related impacts (Figure 21). Simulated groundwater velocities under this barrier wall configuration were reduced to approximately 3 feet per year. The decrease in groundwater flow velocity is due to a low

groundwater recharge rate, full perimeter containment (and thus protection from off-site groundwater flow), and low vertical hydraulic conductivity of the sand unit (0.32 feet per day to 2 feet per day).

This alternative would also require the implementation of institutional and engineering controls for remaining contamination at the Site. As previously mentioned, the Site is currently covered with either concrete, asphalt pavement, or gravel, and no surface soil is exposed. Portions of the Site in which intrusive remedial activities are conducted will be restored in kind. The cover system would remain intact in portions of the Site in which no intrusive remedial activities are conducted. As per DER-10, a SMP would be prepared to specify the methods necessary to ensure compliance with the institutional and engineering controls for the Site. This would include inspections to verify the Site use has not changed and that the potential for direct contact with the remaining contamination at the Site has not been created. Additionally, a long-term monitoring program for groundwater would be required.

5.5.1 Overall Protection of Public Health and the Environment

Alternative 2 is protective of human health and the environment through the containment of MGP-impacted soil, NAPL migration, the maintenance of a cover system, the implementation of institutional and engineering controls to address remaining contaminated soils and groundwater, and the establishment of a monitoring program to verify that remaining NAPL is not migrating off-site and resulting in new exposure pathways.

Although there is no current pathway for exposure to impacted soils or groundwater during day-to-day operations, non-routine activities (e.g., intrusive activities associated with new construction or maintenance of an underground utility or structure) or a change in Site use could create an exposure pathway and potential unacceptable risks. Therefore, in accordance with DER-10 and to protect public health and the environment, institutional and engineering controls will be established to mitigate risks associated with these soils and groundwater. Such controls would be facilitated by the development of a SMP which would identify the implementation procedures required for institutional and engineering controls at the Site. A SVI evaluation would need to be performed prior to the construction of any future enclosed structures located over areas of the Site that contain remaining contamination, to determine whether any mitigation measures are necessary to minimize potential exposure to volatile organic vapors within the future enclosed structure.

Under this alternative, MGP-impacted material would be left on-site so the restoration of the groundwater aquifer to pre-disposal/pre-release conditions would not be achieved. However, groundwater is not used as a drinking water source in this location, nor are there any future plans to use it as such. In addition, a monitoring program would be implemented to verify that groundwater conditions do not significantly change and MNA is occurring. Lastly, should NAPL accumulate in the Site monitoring/recovery wells in significant amounts warranting removal, periodic removal would be conducted.

5.5.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs

Most of the remedial goals and RAOs specified for the development of this AAR would be met for this alternative. Under Alternative 2, a subsurface barrier wall would be installed around

the full perimeter of the Site, to include Parcels 1 and 2 as well as the Market Area. As such, the migration of NAPL would be mitigated across all portions of the Site, and groundwater flow would be restricted to the point where groundwater flowing off-site would not be subject to further significant impact. Based on this, public health RAOs would be met through containment of MGP-impacted soils, NAPL migration, maintenance of the Site cover, and implementation of institutional controls. Two environmental protection RAOs would not be achieved, as the groundwater aquifer would not be restored to pre-disposal/pre-release conditions, and the source of groundwater contamination would not be completely removed. However, the potential for NAPL migration would be mitigated via the barrier wall.

5.5.3 Long-Term Effectiveness and Permanence

This alternative would be long-term effective and permanent if maintained and would be reliant on institutional and engineering controls. No direct exposure pathways would exist due to the presence of a cover system across the Site. In addition, the institutional controls, including the SMP, would prevent exposure to any remaining contamination that may be present on Site. Finally, the monitoring program would verify that remaining NAPL is not migrating from the Site and creating exposure pathways.

In addition, a robust groundwater monitoring program would be implemented to monitor the long-term effectiveness and permanence of this alternative including the periodic removal of NAPL should significant amounts accumulate in existing monitoring/recovery wells to warrant removal and ongoing MNA at the Site.

5.5.4 Reduction of Toxicity, Mobility or Volume

Through the installation of barrier walls along the perimeters of the Parcel 1, the Market Area, and Parcel 2, the potential for off-site migration of NAPL would be significantly reduced. The volume of NAPL can be potentially reduced should NAPL accumulate in the monitoring/recovery wells in significant amounts to warrant passive removal. Additionally, natural attenuation would result in the reduction in toxicity over time.

5.5.5 Short-Term Impacts and Effectiveness

The short-term impacts associated with this alternative are primarily related to the construction activities that are expected to be up to 18 months in duration. These short-term impacts include health and safety issues during construction, dust and odor emissions, noise and vibration issues, and disruptions and to ongoing businesses and existing Site operations.

A HASP would be prepared by the selected remedial contractor to address health and safety issues, and a CAMP would be implemented during intrusive remedial activities. Odor and dust control measures would be implemented by the selected remedial contractor during the remedial action in accordance with NYSDOH guidelines. Such measures could include the use of foam and bio-oxidant compounds on odorous materials and/or a Site perimeter misting system as necessary. However, disruptions to ongoing business and existing Site operations are unavoidable resulting in significant adverse impacts to the local businesses.

This remedy would be immediately effective in reducing the potential for off-site migration of NAPL upon completion. However, this remedy would be more effective in Parcel 1 and in portions of the Market Area given the presence of a clay confining layer at approximately 16 feet bgs where a subsurface barrier would be keyed into. In Parcel 2 and portions of the Market Area, a confining layer was not encountered thus a subsurface barrier wall would not be similarly keyed in. As such, portions of the subsurface barrier wall would be a "hanging barrier" that would inhibit NAPL migration laterally (i.e., from the top of the barrier to its bottom) but not vertically downward where there is no existing geologic confining layer at the Site.

5.5.6 Implementability

It is anticipated that a large quantity of subsurface utilities are present within the areas where subsurface barrier walls would be installed. Subsurface obstructions are also likely present within Parcel 2. Overall, this alternative may be implementable but extensive engineering evaluations would need to be performed during the remedial design to assess implementability issues. The engineering evaluations would likely include the following:

- A detailed utility survey to identify subsurface structures and utilities that would require protection or relocations;
- A detailed foundation and structural survey of nearby structures and buildings along the subsurface barrier wall alignment. The need for precautionary measures and vibration monitoring will need to be evaluated, and
- An evaluation of the subsurface geology and potential obstructions along the alignment of the subsurface barrier wall to determine the most effective and appropriate barrier construction.

5.5.7 Cost-Effectiveness

Costs associated with this alternative would be high. The primary cost drivers would be associated with the interruptions to existing businesses and local community, material costs, material transportation and disposal, equipment mobilization, as well as post-implementation monitoring and reporting.

5.5.8 Land Use

Parcel 1 is currently occupied by retail stores including a Stop and Shop grocery and pharmacy (the Market Area). Parcel 2 is currently utilized as an equipment storage, trailer storage, and material lay down area. Impacts above SCOs would remain on Site but would not be encountered during routine operations at the Site. Controls and restrictions to prevent exposure to remaining impacts would be implemented by a SMP. The alternative would be consistent with current land use.

5.5.9 Community Acceptance

Concerns of the state and the community will be addressed separately in accordance with a CPP, and requirements outlined in DER-10's citizen participation section. There would be

significant community concerns associated with interruptions to local businesses and existing Site operations.

5.6 ALTERNATIVE 3 – IN-SITU STABILIZATION/SOLIDIFICATION (ISS) OF MGP-IMPACTED SITE SOILS, NAPL RECOVERY, MONITORED NATURAL ATTENUATION, AND INSTITUTIONAL AND ENGINEERING CONTROLS

This remedial alternative would involve the following major components:

- Parcel 1 and the Market Area:
  - Long-term inspection and monitoring program for natural attenuation,
- Parcel 2:
  - Removal and disposal of surface material to the extent necessary to allow for the management of swelling material associated with ISS;
  - ISS of MGP-impacted soils;
- Site-wide:
  - Installation of a NAPL recovery well network in select portions of the Site where intrusive activities are not practical, and
  - Establishment of Institutional and Engineering controls for remaining Site Contamination.

Parcel 1 – Monitored Natural Attenuation

This remedial alternative consists of the approach detailed in Alternative 1 with respect to Parcel 1 and includes the Market Area. The remedy within Parcel 1 will consist of the development and implementation of a long-term inspection and monitoring program, to include the implementation of a NAPL recovery well network and institutional controls.

It is anticipated that NAPL recovery wells would be installed in areas of the Site where free product remains, specifically in the area immediately south of the Market Area building. Preliminary recovery well locations are shown on Figure 22. The actual number and location of recovery wells would be determined during design. Should NAPL accumulate in the Site monitoring/recovery wells in significant amounts, periodic removal would be warranted.

In addition, this alternative includes conducting a formal analysis of the extent and rate at which natural attenuation is progressing, as detailed in Alternative 1. A preliminary assessment of natural attenuation was performed and based on review of groundwater analytical data collected during the SC, RI, and 2018 SRI, it was determined that downgradient reductions in concentrations of MGP-related impacts can be observed throughout the Site for multiple constituents. Concentrations of MGP-related impacts are observed to be decreasing both over time and in a downgradient direction at the Site. Based on these preliminary results there is credible evidence that the plume is currently retracting and eventually groundwater concentrations will decrease below the groundwater criteria through natural attenuation mechanisms. In order to better quantify

this observation a formal MNA program will be utilized to identify biogeochemical mechanisms, plume retraction rates, and quantifiable location specific decay rates, such that the Site can remain protective without increases in the Site risk profile.

Under this alternative, a robust groundwater monitoring program will be developed utilizing the existing groundwater monitoring well network, to include monitoring wells installed during the 2021-2022 SRI for ongoing monitored natural attenuation at the Site. Site data would be analyzed and modeled to qualitatively and quantitatively confirm plume dynamics and appropriate changes (if any) to the monitoring program.

Parcel 2

Under this remedial alternative, ISS would be implemented within the Parcel 2 portion of the Site. ISS is a technology used in improvement of the strength of soil, as well as the remediation of chemical impacts in soil. The term 'stabilization' is used to describe techniques that modify impacted materials into a less soluble, mobile, or toxic form. Solidification refers to a technique for changing the physical form of the impacted material to produce a solid structure in which the impacted material is mechanically trapped. ISS involves mixing a binding reagent into impacted media and has demonstrated the capability to reduce the mobility of impacts by greater than 95 percent.

ISS is typically accomplished by one of two methods; mixing with an excavator bucket, or by using soil augers. Auger-based ISS is accomplished by constructing a series of overlapping stabilized soils columns (typically 4 to 12 feet in diameter) where reagent is pumped through the auger shaft, and excavator-based ISS is accomplished by mixing reagent with impacted soils within an open excavation, using the excavator bucket.

Implementation of ISS within Parcel 2 would involve the mixing of MGP-impacted material to varying depths, dependent upon CSCO exceedances in the top 15 feet, and NAPL observations at any depth, determined during the previous investigations. ISS depths at Parcel 2 would range between 21 and 47 feet bgs (an estimated 59,000 cubic yards). Preliminary ISS boundaries and treatment depths are depicted on Figure 22 and may be modified during the development of the RDR for the Site based on the results of previous investigation activities.

Prior to the implementation of ISS, demolition and removal of known subsurface structures would be required. During investigation activities, a former gas holder, a suspected tar tank, and various clay and metal piping were encountered at depths ranging from one to seven feet bgs on Parcel 2. The vertical and horizontal extent of subsurface features were delineated to the extent practicable during field implementation of the 2021-2022 SRI, and data pertaining to this delineation will be incorporated into the remedy during development of the RDR. These former structures would need to be removed in order for ISS activities to proceed.

Additionally, volume expansion occurs during the implementation of ISS due to swelling of the reagent. Approximately 10,400 cubic yards of surface soils would require removal to maintain the current grade elevation subsequent to ISS treatment. The bulking factor if the ISS reagent is estimated to be 30 percent based on the completed treatability study. Removal of surface material would proceed to the depth necessary to account for swelling, or 1 foot above the water table (to

provide adequate ground support for mixing equipment), whichever is shallower. Additional material, grout, or soil cuttings brought to the surface during mixing would require handling and off-site treatment/disposal. Excavations to accommodate ISS swell will be completed in conjunction with the PCB remediation to be completed within Parcel 2, where surface soils will be excavated to a depth of at least 4 feet within the preliminary ISS remediation area. Additionally, surface soils may be excavated at depths of up to 8 feet in areas outside of the preliminary ISS area based on the detection of PCBs at concentrations exceeding applicable criteria.

Performance goals for ISS are determined during the remedial design based on the results of the treatability study. The effectiveness of ISS implementation is measured after the solidified material has cured. Post cure samples are collected and tested for several various physical and chemical tests, most commonly the permeability and unconfined compressive strength (UCS).

Following implementation of ISS within Parcel 2, a cover will be installed over the treated area at a depth from the top of the solidified/stabilized materials to the final Site grade. Additionally, the post-remediation Site cover system will be established in areas within Parcel 2 where the top one foot of existing surface soil exceeds applicable SCOs and is not otherwise covered by existing property components or components related to Site development. The cover design and topography will be consistent with the future use plans for the Site. The purpose of the cover is to provide a utility corridor for future utilities and to maintain a Site grade that does not have solidified/stabilized materials within the frost zone.

This alternative would also require the implementation of institutional and engineering controls for remaining contamination at the Site, to include Parcels 1 and 2. Institutional and engineering controls associated with this alternative would be implemented on Tax Block 4406 Lots 30, 32, 50, and 56. As previously mentioned, the Site is currently covered with either concrete, asphalt pavement, or gravel, and surface soil within the remediation areas of Parcel 2 will be removed during implementation of the ISS remedy. Portions of the Site in which intrusive remedial activities are conducted would likely be restored in kind or as specified in the PCB SICP for Parcel 2 of the Site. The cover system would remain intact in portions of the Site in which no intrusive remedial activities are conducted (e.g., in the immediate vicinity of the shopping center). These conditions will minimize groundwater infiltration and potential contact with remaining underlying contamination. As per DER-10, a SMP would be prepared to specify the methods necessary to ensure compliance with the institutional and engineering controls for the Site. This would include inspections to verify the Site use has not changed and that the potential for direct contact with the remaining contamination at the Site has not been created. A long term groundwater monitoring program will be implemented utilizing the robust network of groundwater monitoring wells located on-site, in adjacent sidewalk areas, and in downgradient Parcel 3. Currently, there are a total of fifteen (15) groundwater monitoring wells within and in the vicinity of Parcel 2 intended to be included in the post-remediation groundwater monitoring program: four (4) upgradient (MW-17, MW-19, MW-33, and CMW-37), four (4) side-gradient (MW-20, CMW-40, CMW-38, and CMW-39), and seven (7) downgradient (MW-13, MW-27, MW-28, MW-30, MW-34, MW-35, and CMW-36). Groundwater monitoring wells will be protected during remedial activities to the

extent practicable. Where necessary, groundwater monitoring wells will be replaced to accommodate post-remediation groundwater sampling.

5.6.1 Overall Protection of Public Health and the Environment

Alternative 3 is protective of human health and the environment through the stabilization of MGP-impacted soil within Parcel 2, the maintenance of a cover system across the Site, the implementation of institutional and engineering controls to address contaminated soils remaining at the Site, the establishment of a monitoring program to verify MGP-related contaminates are not migrating off Site and that MNA is occurring.

5.6.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs

Most of the remedial goals and RAOs specified for the development of this AAR would be met for this alternative. Public health RAOs would be met in Parcel 1 through maintenance of the existing Site cover and implementation of institutional controls. Three environmental protection RAOs would not be achieved within Parcel 1 (Prevention of contaminant migration that would result in groundwater contamination, restoration of groundwater aquifer to pre-disposal/pre-release conditions, and removal of contamination source), as MGP-impacted soils would be left in place. However, groundwater is not used as a drinking water source in this location, nor are there any future plans to use it as such. In addition, a monitoring program would be implemented to verify that groundwater conditions do not significantly change and MNA is occurring. Lastly, should NAPL accumulate in the Site monitoring/recovery wells in significant amounts warranting removal, periodic removal would be conducted.

Public health RAOs would be met in Parcel 2 through the implementation of ISS, maintenance of the Site cover, and implementation of institutional controls. Two environmental protection RAOs would not be achieved, as the groundwater aquifer would not be restored to pre-disposal/pre-release conditions, and the source of groundwater contamination would not be completely removed. However, the implementation of ISS within Parcel 2 achieves the environmental protection RAO of preventing contaminant migration that would result in groundwater contamination.

5.6.3 Long-Term Effectiveness and Permanence

This alternative would be long-term effective and permanent. No direct exposure pathways would exist due to the presence of a cover system across the Site. In addition, the institutional controls, including the SMP, would prevent exposure to the ISS monoliths and any remaining contamination that may be present on Site (e.g., in the immediate vicinity of the shopping center). Finally, the monitoring program would verify that MGP impacts are not migrating and creating exposure pathways.

5.6.4 Reduction of Toxicity, Mobility or Volume

Within Parcel 1, since the proposed remedial alternative does not involve intrusive activities and instead utilizes the current asphalt, concrete and gravel cover at the Site, there is no immediate reduction in the toxicity, mobility, or volume of MGP-impacted materials other than the periodic removal of NAPL should it accumulate in the Site monitoring/recovery wells in significant

amounts warranting removal. In addition, a preliminary assessment of natural attenuation was performed, and it was determined that natural attenuation is occurring, contributing to some reduction over time. The current natural plume reduction rate is sufficient to have caused plume retraction over time and reduced mass at a currently unquantified rate. This rate will be quantified during the formal natural attenuation analysis and verified as part of the ongoing monitoring program.

Within Parcel 2, implementation of this remedial alternative would treat and solidify approximately 59,000 cubic yards of MGP-impacted soils in the areas depicted on Figure 22, which would significantly reduce the toxicity and mobility of MGP-related constituents in the subsurface at the Site.

5.6.5 Short-Term Impacts and Effectiveness

In Parcel 1, no short-term risks are introduced with the implementation of institutional and engineering controls, as the remedial alternative does not include construction activities that would adversely impact local businesses and the community. The installation of recovery wells or additional monitoring wells would require only drilling equipment with minimal short-term impacts.

It is estimated that this alternative would take up to 12 months to complete. Within Parcel 2, short-term risks of exposure and safety concerns associated with the ISS alternative include dust and odors during the implementation of the remedial action and construction-related health and safety issues. Noise and truck traffic may also be a disturbance to the surrounding community during remedial construction. However, the Site is located in an area where truck traffic is common. It is estimated that approximately 3,000 truckloads of material would be transported from the Site as a result of pre-excavation clearances (to include remediation of PCB-impacted soils), and removal of swell associated with ISS. An additionally estimated 1,500 truckloads of material would be transported to the Site for receiving reagent, backfilling, and placement of the final surface cover. It is estimated that the ISS component of this alternative would take up to 12 months to complete.

A HASP would be prepared by the selected remedial contractor to address health and safety issues, and a CAMP would be implemented during intrusive remedial activities. Odor and dust control measures would be implemented by the selected remedial contractor during the remedial action in accordance with NYSDOH guidelines. Such measures could include the use of foam and bio-oxidant compounds on odorous materials and/or a Site perimeter misting system as necessary.

5.6.6 Implementability

Considering a cover system is already in place in Parcel 1, there are no challenges associated with utilizing the cover system in this portion of the Site. The engineering and institutional controls associated with a SMP have been implemented successfully on similar sites. A groundwater monitoring well network currently exists at the Site. On-site wells will be utilized for the purpose of MNA and the installation of the NAPL recovery well network is also implementable given that multiple wells have been previously installed at the Site.

With respect to Parcel 2, ISS technology has been implemented on several former MGP sites located in New York State, including the New York City area. The challenges associated with the implementability of ISS techniques are primarily associated with the potential presence of subsurface obstructions. As discussed above, Parcel 2 contains subsurface obstructions that would need to be addressed prior to the implementation of ISS. Once subsurface obstructions are addressed, mixing of subsurface materials and reagents is expected to be consistent and acceptable.

Implementation of the ISS component of this alternative would not require shoring of the surrounding roadways and structures and should require little dewatering, which reduces the potential impacts to adjacent buildings, utilities and roadways.

Odor and dust control measures would be implemented during active remedial construction activities in accordance with the CAMP. Such measures could include the use of foam and bio-oxidant compounds on odorous materials and a site perimeter misting system.

A detailed engineering evaluation would be conducted during the remedial design to develop the construction details of this remedial alternative. The engineering evaluation would consider the delineated remediation areas, building records on adjacent properties, all adjacent utilities, geotechnical properties of the subsurface stratigraphy and materials, subsurface obstructions, and aquifer properties. A treatability study has been conducted in order to develop the necessary reagent mixture to be used at the Site.

5.6.7 Cost-Effectiveness

Cost associated with this alternative would be very high. The primary cost drivers would be associated with interruptions to Con Edison operations on Parcel 2, handling and transportation of material excavated to account for reagent swell, purchase, transport and installation of backfill and cap material, ISS reagent, and equipment mobilization and setup.

5.6.8 Land Use

Some impacts above SCOs would remain on within Parcel 1, including the Market Area as part of this alternative. However, a cover system would be maintained to minimize the potential for exposure to remaining impacts at the Site. Additionally, a SMP would be developed and implemented that would require NYSDEC notification before intrusive activities are performed or the Site use is changed in the future. The remedial alternative is consistent with the current use of the Site. However, implementation of this alternative would require a significant interruption of Site use on Parcel 2.

5.6.9 Community Acceptance

Concerns of the State and the community will be addressed separately in accordance with a CPP, and requirements outlined in DER-10's citizen participation section. There may be community concerns associated with the ISS technology due to the anticipated significant increase in local traffic.

SECTION 6

COMPARATIVE ANALYSIS OF REMEDIAL ALTERNATIVES

6.1 COMPARATIVE ANALYSIS OF REMEDIAL ALTERNATIVES

Three alternatives were developed and evaluated in Section 5 to assess the relative merits of each alternative for addressing MGP-related impacts at the Site. A relative comparison of the alternatives for each of the evaluation criteria is presented below. The purpose of the analyses was to identify the advantages and disadvantages of each alternative relative to the other so that key comparisons can be made. Remedial activities associated with PCBs present in Site soils are included in the PCB SICP for Parcel 2 of the Site.

6.1.1 Overall Protection of Public Health and the Environment

All three alternatives are protective of public health through the implementation of engineering and institutional controls. All three alternatives have MGP-impacted material remaining on-site requiring the need for ongoing groundwater monitoring, potential NAPL recovery, and MNA. Alternative 2 would contain NAPL migration through the installation of a subsurface barrier wall with the exception to the eastern side of the Market Area. In addition, the subsurface barrier would need to be a "hanging barrier" in Parcel 2 given that a confining layer was not encountered during the SC, RI, 2018 SRI, or 2021-2022 SRI. A subsurface barrier wall would need to be installed in the Market Area for Alternative 2 with the exception of its eastern side due to the presence of utilities and infrastructure. Alternative 3 would stabilize/solidify MGP-impacted material in Parcel 2 but not in Parcel 1 that includes the Market Area.

6.1.2 Compliance with Remedial Goals, RAOs, and Applicable SCGs

All three of the alternatives would achieve the remedial goals, and most of the RAOs. RAOs not directly achieved through the implementation of all three alternatives include "restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practical", and "remove the source of ground or surface water contamination".

All three alternatives would achieve established remedial goals. All three alternatives achieve the RAOs for public health protection in soil, groundwater and soil vapor through the implementation of engineering and institutional controls. None of the three alternatives will achieve the RAOs for environmental protection given that MGP-impacted material will remain on-site. However, groundwater is not used as a drinking water source in this location nor are there any future plans to use it as such. In addition, the data collected during the SC, RI, 2018 SRI and 2021-2022 SRI do not indicate that Site contaminants are discharging to surface water thus the RAO to "prevent the discharge of contaminants to surface water" is not applicable.

Compliance to SCGs would not be achieved by the three alternatives but will be addressed by engineering and institutional controls.

6.1.3 Long-Term Effectiveness and Permanence

Each of the alternatives presented would be considered effective in the long-term through the implementation of engineering and institutional controls in order to address remaining MGP-impacted materials at the Site.

6.1.4 Reduction of Toxicity, Mobility or Volume

All three alternatives would reduce toxicity, mobility or volume of MGP-related impacts on the Site through MNA.

Alternative 1 does not provide an immediate reduction in the toxicity, mobility, or volume of the MGP-related impacts on the Site other than periodic removal of NAPL accumulating in monitoring/recovery wells in significant amounts, and MNA.

Alternative 2 would reduce mobility of NAPL migration over the majority of the Site with the exception of the area underlying the Market Area. The volume of NAPL would also be reduced through the installation of the NAPL recovery well network should NAPL accumulate in significant amounts warranting periodic removal.

Alternative 3 would reduce the toxicity and mobility of MGP-related impacts at the Site by periodic removal of NAPL accumulating in monitoring/recovery wells in significant amounts within Parcel 1 and the Market Area, by MNA, and by immobilizing MGP-impacted soils within Parcel 2. Some reduction of volume would result from the pre-excavations and removal of swell material during ISS operations. No reduction in toxicity of MGP-impacted materials would result from the alternative in portions of the Site where ISS is not implementable.

6.1.5 Short-Term Impacts and Effectiveness

Under Alternative 1, no intrusive action would be implemented other than the installation of a NAPL recovery well network. Therefore, there would be no significant short-term impacts or disruptions to local businesses and Site operations.

Alternatives 2 and 3 would include short-term risks of exposure and safety concern associated with the implementation of each remedial action. These alternatives would result in associated noise and truck traffic during the implementation of remediation construction activities, with greater truck traffic under Alternative 3.

Due to the intrusive activities associated with Alternatives 2 and 3, a HASP would be prepared to address health and safety issues, and a CAMP during remedial construction. Odor and dust control measures would be implemented during the remedial action. It is anticipated that the potential for odor generation is far greater during excavation and ISS activities associated with Alternative 3 than during the Alternative 2 barrier wall installation activities. Odor control measures for Alternative 3, however, could include the use of foam and bio-oxidant compounds on odorous materials and/or a Site perimeter misting system as necessary.

Alternatives 2 would require significant interruptions to local businesses and Site operations during remedial construction. Alternative 3 would require limited interruptions to local businesses in Parcel 1, and significant interruptions to Con Edison Site operations in Parcel 2 during remedial construction.

6.1.6 Implementability

Alternative 1 is readily implementable with minimal disruptions to local businesses and Site operations. An existing monitoring well network currently exists at the Site and the installation of a NAPL recovery well network can be implemented with no significant implementability issues.

Alternatives 2 and 3 would have significant implementability challenges associated with adverse impacts to local businesses and existing Site operations, on-site space constraints, existing utilities and infrastructure, subsurface obstructions and would require structural evaluation/pre-construction surveys of adjacent buildings and infrastructure. Alternative 2 would have greater implementability challenges due to existing subsurface infrastructure and ongoing local business operations, particularly in the Market Area.

6.1.7 Cost-Effectiveness

Costs associated with implementing Alternative 1 would be moderate and the costs for implementing Alternatives 2 and 3 would be high with Alternative 3 being the greatest cost.

6.1.8 Land Use

All three alternatives would not change the current land use of the Site.

6.1.9 Community Acceptance

Concerns of the State and the community will be addressed separately in accordance with a CPP and requirements outlined in DER-10's citizen participation section. Community concerns associated with Alternative 1 are not anticipated. Community concerns associated with Alternative 2 are anticipated to be significant due to the disruption to local business in Parcel 1. Community concerns associated with Alternative 3 are anticipated, however to a lesser degree than with Alternative 2, as access to Parcel 1 will not be altered beyond an increase in truck traffic.

SECTION 7

CONCLUSIONS AND PREFERRED REMEDY

7.1 CONCLUSIONS

The following conclusions have been made based upon the results of the SC, RI, 2018 SRI, preliminary results of the 2021-2022 SRIR, the 2024 SVI/IAQ Investigation, the PCB Site Characterization, and subsequent Alternative Analysis:

- Remnants of the former MGP structures and associated equipment are present on Parcel 2;
- NAPL was encountered at several locations during the investigations;
- MGP-related impacts in excess of PGWSCOs and CSCOs were encountered in Site soils;
- PCB-related impacts in excess of PGWSCOs and CSCOs were encountered in Site soils within Parcel 2. These impacts are not associated with MGP operations but rather are believed to be associated with historical fill;
- MGP-related impacts in excess of Class GA GWQS were encountered in Site groundwater;
- Hydraulic conductivity results from slug tests did not indicate a strong relationship between space and hydraulic conductivity;
- Soil vapor and indoor ambient air sampling completed as part of the SVI/IAQ investigation within Parcel 1 buildings indicate there are no MGP-related impacts to indoor air via soil vapor intrusion;
- There is no tidal effect at the Site; and
- There is no current pathway for human exposure to impacted soils or groundwater during day-to-day Site operations. However, exposure to MGP-impacted materials and soil gas may be possible during intrusive activities (e.g., repair of underground utilities and structures).

During development of the 2019 SRIR, groundwater modeling was used to assess three initially proposed Site scenarios, including existing conditions, subsurface barrier walls, and ISS. In summary:

- Under existing conditions, groundwater velocities are low to moderate, ranging from 10 to 54 feet per year;
- Under the subsurface barrier wall scenario, velocities in the parking lot area of Parcel 1 would be reduced to a negligible rate of approximately 3 feet per year using a calibrated recharge, and 0.06 feet per year when assuming no recharge. Flow velocities

would also be reduced in the Market Area as flow is diverted around this area. Groundwater flow in Parcel 2 is reduced to approximately 3 feet per year due to low recharge and low vertical hydraulic conductivity; and

- Under the ISS scenario, which at the time of modeling considered ISS in both Parcels 1 and 2, simulated groundwater flow velocities would be reduced to rates similar to the full subsurface barrier wall remedial alternative. Under a revised model, to be modified during the development of the RDR to incorporate 2021-2022 SRI data, it is anticipated that groundwater flow within Parcel 1 will be consistent with modeled existing conditions.

A preliminary assessment of natural attenuation was performed incorporating data generated through 2018 to determine if a formal monitored natural attenuation analysis would be appropriate for the Site. In summary:

- Downgradient reductions in concentrations of MGP-related impacts can be observed throughout the Site for multiple constituents;
- Concentrations of MGP-related impacts are observed to be decreasing both over time and in a downgradient direction at the Site;
- The contaminant plume appears to be stable, degrading and retracting, and
- Based on the preliminary analysis of natural attenuation, a formal monitored natural attenuation analysis would be appropriate.

7.2 NYSDEC PREFERRED REMEDY

A draft AAR was submitted to NYSDEC for review in February 2020. The draft AAR included an evaluation of three remedial alternatives to address NAPL or MGP-related impacts at the Site as compared to the nine evaluation criteria outlined in DER-10 and in accordance with 6 NYCRR 375-1.8(f). The three remedial alternatives presented and evaluated in the draft AAR included the following:

- Alternative 1 – NAPL Recovery, Monitored Natural Attenuation and Institutional and Engineering Controls
- Alternative 2 – *In-Situ* Containment of MGP-impacted Site Soils
- Alternative 3 – *In-Situ* Stabilization/Solidification (ISS) of MGP-impacted Site Soils, NAPL Recovery, Monitored Natural Attenuation, and Institutional and Engineering Controls

Following discussion, NYSDEC directed Con Edison to evaluate a more intrusive remedy for the Parcel 2 portion of the Site, to include removal and/or *in-situ* solidification/stabilization (ISS) of NAPL impacted soils in the subsurface. As per the October 13, 2020 letter, the NYSDEC indicated that the proposed remedy for Parcel 1 was acceptable but directed Con Edison to evaluate a more intrusive remedy for the Parcel 2 portion of the Site, to include removal and/or *in-situ*

solidification/stabilization (ISS) of non-aqueous phase liquid (NAPL) impacted soils in the subsurface. The remedial action would also address PCB-related impacts at Parcel 2 as per the SICP. Alternative 3 was modified to the following as the NYSDEC preferred remedial alternative:

- Alternative 3 – *In-Situ* Stabilization/Solidification (ISS) of MGP-impacted Site Soils, NAPL Recovery, Monitored Natural Attenuation, and Institutional and Engineering Controls.

The NYSDEC preferred remedial alternative consists of the following major components:

- Parcel 1 and the Market Area:
  - Long-term inspection and monitoring program for natural attenuation,
- Parcel 2:
  - Removal and disposal of surface material to the extent necessary to allow for the management of swelling material associated with ISS reagent;
  - ISS of MGP-impacted soils;
- Sitewide:
  - Installation of a NAPL recovery well network in select portions of the Site where intrusive activities are not practical, and
  - Establishment of Institutional and Engineering controls for remaining Site contamination.

Additionally, PCB-impacted soils present within Parcel 2 will be remediated consistent with the PCB SICP developed for Parcel 2 of the Site, to include the excavation of PCB-impacted soils present at concentrations greater than 10 mg/kg.

Based on SC, SRI, 2018 SRI, and 2021-2022 SRI activities and analyses completed at the Site, the estimated conceptual remediation areas for the MGP-impacted soil (i.e., soil that contains NAPL or exceeds CSCOs) are depicted on Figure 22. Based on Site data collected during the investigation activities, the estimated volume of Site soils to be remediated is approximately 69,400 cubic yards (in place, includes excavation and removal of overburden soils) under this remedial alternative. ISS technology generally involves the physical mixing of contaminated soils with binder reagent to create a stabilized material that discourages groundwater flow through it, thus greatly reducing the potential for contaminants in Site soils from migrating off-site. Subsurface structures are present within with the proposed ISS areas in Parcel 2 and will pose a challenge during implementation of this remedial alternative.

Due to the bulking factor associated with the implementation of ISS, shallow soils within the remediation areas will be excavated to a minimum depth of 4 feet bgs. In instances where PCB-impacted soils are present at concentrations greater than 10 mg/kg, the excavations will be deeper. The remedial design will consider the delineated remediation areas, the geotechnical properties of the subsurface stratigraphy and materials, the presence/absence of subsurface foundations and obstructions, and aquifer properties in order to develop the construction details of this remedy. In

addition, the performance criteria for the ISS would be determined during the remedial design based on the results of the treatability study. Post-ISS coring procedures detailed in *NYSDEC ISS QA/QC Guidance Document* (NYSDEC, 2016) pertaining to post-ISS quality assurance and quality control (QA/QC) will be adhered to during implementation of this remedy.

In summary, comparison of Alternative 3 to the evaluation criteria determined the following:

- This remedial alternative would be protective of human health and the environment through stabilization of MGP-impacted material in Parcel 2, the maintenance of a cover system across the Site, the implementation of institutional and engineering controls to address contaminated soils remaining at the Site, and the establishment of a monitoring program to verify MGP-related contaminates are not migrating off Site and that MNA is occurring,
- This remedial alternative will prevent the direct contact/ingestion of NAPL-impacted soil and groundwater, the inhalation of volatiles from impacted soil and groundwater via the treatment of impacted materials, and remaining impacts will be managed via MNA, NAPL recovery, and institutional and engineering controls. This remedial alternative will also prevent direct contact/ingestion of PCB-impacted soils via the implementation of a SICP, developed and implemented in accordance with TSCA requirements, to address PCB impacts,
- This remedial alternative would be long-term effective and permanent, as no direct exposure pathways to remaining contamination or the ISS monolith would exist due to the presence of the cover system and the establishment of a SMP. Further, the monitoring program established as a component of the SMP would verify that MGP-related impacts are not migrating and/or creating exposure pathways,
- This remedial alternative will treat/remove approximately 69,400 cubic yards of Site soils (includes removal of approximately 10,400 cubic yards of overburden material and approximately 59,000 cubic yards of ISS treatment of soils), and additional MGP-related impacts would be removed via NAPL recovery wells should they accumulate in significant quantity. Additionally, preliminary assessment of natural attenuation suggests that natural attenuation is occurring and contributing to reduction over time,
- The short-term risks of exposure and safety concerns associated with this remedial alternative include dust and odors during the ISS activities and construction-related health and safety issues. A full CAMP would be implemented during remedial construction. The ISS component of this remedial alternative would take approximately 12 months to implement.
- The Parcel 1 MNA and NAPL recovery components of this remedial alternative are readily implementable in Parcel 1 due to the existing Site cover and past success implementing engineering and institutional controls. The Parcel 2 ISS component of this remedial alternative is feasible and implementable, however the challenges associated with the implementability are primarily associated with the presence of

subsurface obstructions, which would need to be addressed prior to the implementation of ISS. A detailed engineering evaluation will be conducted during the remedial design to develop the construction details of this alternative.

- This alternative is consistent with the anticipated future Site use. However, implementation of this alternative will require interruption of the current Site use on Parcel 2 for a period of time.
- Remedial activities associated with PCBs present in Site soils will be addressed in the PCB SICP for Parcel 2 of the Site.

SECTION 8

REFERENCES

ENSR, 2003. *Site History Research Report.*

Parsons 2004. *Interim Remedial Measures Report.*

Parsons, 2010. *Site Characterization Report for the Former Farrington Street Gas Works Site*.

Parsons, 2017. *Remedial Investigation Report for the Former Farrington Street Gas Works Site – Queens, New York*. Parsons, May 2017.

Parsons, 2019. *Supplemental Remedial Investigation Report for the Former Farrington Street Gas Works Site – Queens, New York*. Parsons, June 2019.

Parsons, 2021. *Supplemental Remedial Investigation Letter Work Plan for the Former Farrington Street Gas Works Site – Queens, New York*. Parsons, September 2021.

Parsons, 2026. *Former Farrington Street Manufactured Gas Plan Site (Site No. 241208) Soil Vapor Intrusion Investigation Letter Report*. Parsons, February 2026.

Newell, C.J., H.S. Rafai, J.T. Wilson, J.A. Connor, J.A. Aziz, and M.P. Suarez. *Groundwater Issue: Calculation and use of first-order rate constants for monitored natural attenuation studies, EPA/540/S-02/500*. USEPA, 2002.

NYSDEC. 1998. *Division of Water Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*. June 1998.

NYSDEC, 2002. *Draft Voluntary Cleanup Program Guide*. NYSDEC, May 2002.

NYSDEC, 2006. *6 NYCRR Part 375 Environmental Remediation Programs, New York State Department of Environmental Conservation*. December 14, 2006.

NYSDEC, 2010. *DER-10 Technical Guidance for Site Investigation and Remediation.* New York State Department of Environmental Conservation. May 2010.

NYSDEC, 2016. *NYSDEC ISS QA/QC Guidance Document*. New York State Department of Environmental Conservation. February 22, 2016.

TABLES

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	TP-11	TP-12	TP-12	TP-12-1	TP-13N	TP-13S	TP-14E
					Sample ID:	TP-11(7-8)	TP-12(2.5)	TP-12(5)	TP-12-1(3.5)	TP-13N(5.5)	TP-13S(4)	TP-14E(5.5)
					Lab Sample Id:	A2390-01	A2477-01	A2477-02	A2477-04	A2513-01	A2513-03	A2513-05
					Depth:	7-8 ft	2.5 ft	5 ft	3.5 ft	5.5 ft	4 ft	5.5 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2390	A2477	A2477	A2477	A2513	A2513	A2513
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	4/17/2009 0:00	4/22/2009 0:00	4/22/2009 0:00	4/22/2009 0:00	4/24/2009 0:00	4/24/2009 0:00	4/27/2009 0:00
					Validated:	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/27/2009	5/27/2009	5/27/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	R	ND	ND	ND	ND	**0.051** J	**0.2**
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.015 J	ND	ND	ND	ND	**0.11**	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.021 J	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.091	ND	ND	ND	ND	**5.7**	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	0.53	ND	ND	0.01 J	ND	2.2	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	0.11	ND	ND	ND	ND	**3.1**	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	0.025 J
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.065	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	**0.29**	ND	ND	ND	ND	**3.9**	ND
100-42-5	STYRENE	--	--	--	mg/Kg	0.0072 J	ND	ND	ND	ND	0.019 J	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	0.014 J	0.014 J	ND	ND	ND	0.082	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**1.0572**	**0.014**	**ND**	**0.01**	**ND**	**15.248**	**0.225**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	TP-11	TP-12	TP-12	TP-12-1	TP-13N	TP-13S	TP-14E
					Sample ID:	TP-11(7-8)	TP-12(2.5)	TP-12(5)	TP-12-1(3.5)	TP-13N(5.5)	TP-13S(4)	TP-14E(5.5)
					Lab Sample Id:	A2390-01	A2477-01	A2477-02	A2477-04	A2513-01	A2513-03	A2513-05
					Depth:	7-8 ft	2.5 ft	5 ft	3.5 ft	5.5 ft	4 ft	5.5 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2390	A2477	A2477	A2477	A2513	A2513	A2513
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	4/17/2009 0:00	4/22/2009 0:00	4/22/2009 0:00	4/22/2009 0:00	4/24/2009 0:00	4/24/2009 0:00	4/27/2009 0:00
					Validated:	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/27/2009	5/27/2009	5/27/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	13	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	1.1 J	ND	ND	0.7 J	6	400	0.092 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	**7.4** J	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	**15**	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	16	ND	ND	2.2	1 J	**82**	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	5.2	ND	ND	ND	3.1	**110**	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	8.9	ND	ND	1.5 J	2.9	**190**	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	**6.7**	ND	ND	**2**	**4.6**	**200**	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	**9.3**	ND	ND	ND	**3.4**	**160**	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	**8.8**	ND	ND	**3.7**	**3.3**	**160**	0.042 J
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	3 J	ND	ND	0.73 J	1.5 J	83	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	**2.8** J	ND	ND	0.65 J	**1.1**	**43**	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	0.25 J	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	3.3 J	ND	ND	0.26 J	0.99 J	500	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	1.1 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	40	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	**7.4**	ND	ND	**7.3**	**4.5**	**170**	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	**0.7** J	ND	ND	0.29 J	**0.34** J	**25**	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	1.3 J	ND	ND	0.31 J	0.31 J	**96**	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	11	ND	ND	7.8	6.9	**270**	0.045 J
86-73-7	FLUORENE	30	500	386	mg/Kg	10	ND	ND	2.1	2.9	**190**	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	**1.7** J	ND	ND	0.46 J	**0.82** J	**59**	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	8.5	0.061 J	ND	3.5	11	**680**	0.23 J
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	37	ND	ND	21	14	**580**	0.075 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	**6.6** J	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	19	ND	ND	7.5	16	**370**	0.075 J
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**161.7**	**0.311**	**ND**	**62**	**84.66**	**4451.1**	**0.559**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	TP-11	TP-12	TP-12	TP-12-1	TP-13N	TP-13S	TP-14E
					Sample ID:	TP-11(7-8)	TP-12(2.5)	TP-12(5)	TP-12-1(3.5)	TP-13N(5.5)	TP-13S(4)	TP-14E(5.5)
					Lab Sample Id:	A2390-01	A2477-01	A2477-02	A2477-04	A2513-01	A2513-03	A2513-05
					Depth:	7-8 ft	2.5 ft	5 ft	3.5 ft	5.5 ft	4 ft	5.5 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2390	A2477	A2477	A2477	A2513	A2513	A2513
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	4/17/2009 0:00	4/22/2009 0:00	4/22/2009 0:00	4/22/2009 0:00	4/24/2009 0:00	4/24/2009 0:00	4/27/2009 0:00
					Validated:	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/27/2009	5/27/2009	5/27/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	5920	6360	5030	8490	973	8200	5280
7440-36-0	ANTIMONY	--	--	--	mg/Kg	0.61 J	ND	ND	ND	0.51 J	ND	0.64 J
7440-38-2	ARSENIC	13	16	16	mg/Kg	2.1	0.73 J	ND	1.13	12.2	3.09	**16.6**
7440-39-3	BARIUM	350	400	820	mg/Kg	175	99.1	29.1	**416**	92.8	55	64.6
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.34	0.47	0.25	0.77	0.24 J	0.53	0.23 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.36	0.85	0.42	1.26	0.23 J	0.15 J	0.61
7440-70-2	CALCIUM	--	--	--	mg/Kg	2190	1430	507	5510	3820	1250	1310
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	15	**20.2**	12.8	18.1	4.58	13	14.3
7440-48-4	COBALT	--	--	--	mg/Kg	5.73	8.01	5.48	13.3	1.84	6.18	3.22
7440-50-8	COPPER	50	270	1720	mg/Kg	41.9	15.6	16.7	27.5	17.1	10.5	15.9
7439-89-6	IRON	--	--	--	mg/Kg	15400	18400	14600	17300	8300	16100	20800
7439-92-1	LEAD	63	1000	450	mg/Kg	**328**	**136**	4.27	**76.6**	45.1	**104**	**302**
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1950	2410	2990	3690	455	1590	1580
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	169	255	169	371	24.5	130	79.7
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	**1.5** J	0.027	0.009 J	**0.604**	**1.4**	0.06	**0.315**
7440-02-0	NICKEL	30	310	130	mg/Kg	17.2	15.4	27.3	26.9	4.82	9.45	8.27
7440-09-7	POTASSIUM	--	--	--	mg/Kg	926	1780	945	2400	198	375	581
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.84	2.71	1.9	2.87	1.79	0.83	3.16
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	ND	151	84.7	310	162	170	199
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	23.4	26.6	15.5	24	9.74	18.5	15.6
7440-66-6	ZINC	109	10000	2480	mg/Kg	104	73.9	32.2	**117**	25.6	33.2	**289**
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	ND	1.11	1.33

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	TP-14W	TP-15	TP-15	CMW-32	CMW-32	CMW-33	CMW-33
					Sample ID:	TP-14W(5.5)	TP-15(2.8)	TP-15(5)	CMW-32(13-15)	CMW-32(39-41)	CMW-33(18-19)	CMW-33(41-43)
					Lab Sample Id:	A2513-04	A2477-05	A2477-06	C3666-06	C3666-07	C3769-01	C3769-02
					Depth:	5.5 ft	2.8 ft	5 ft	13 - 15 ft	39 - 41 ft	18 - 19 ft	41 - 43 ft
					Source:	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2513	A2477	A2477	C3666	C3666	C3769	C3769
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	4/27/2009 0:00	4/23/2009 0:00	4/23/2009 0:00	9/8/2011 2:35	9/9/2011 1:25	9/12/2011 10:30	9/13/2011 11:00
					Validated:	5/27/2009	5/15/2009	5/15/2009	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	**0.22**	**0.44**	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	**32** J	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	0.011 J	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	0.063	ND	**150** J	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	33 J	ND	0.13 J	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	0.016 J	ND	**390** J	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	0.037 J	0.094 J	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	0.011 J	ND	**150** J	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	0.0083	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	0.024 J	ND	**17** J	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.257**	**0.659**	**ND**	**772**	**0.0083**	**0.13**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	TP-14W	TP-15	TP-15	CMW-32	CMW-32	CMW-33	CMW-33
					Sample ID:	TP-14W(5.5)	TP-15(2.8)	TP-15(5)	CMW-32(13-15)	CMW-32(39-41)	CMW-33(18-19)	CMW-33(41-43)
					Lab Sample Id:	A2513-04	A2477-05	A2477-06	C3666-06	C3666-07	C3769-01	C3769-02
					Depth:	5.5 ft	2.8 ft	5 ft	13 - 15 ft	39 - 41 ft	18 - 19 ft	41 - 43 ft
					Source:	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2513	A2477	A2477	C3666	C3666	C3769	C3769
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	4/27/2009 0:00	4/23/2009 0:00	4/23/2009 0:00	9/8/2011 2:35	9/9/2011 1:25	9/12/2011 10:30	9/13/2011 11:00
					Validated:	5/27/2009	5/15/2009	5/15/2009	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	4	0.23 J	ND	1300 J	0.057 J	1	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	0.18 J	0.32 J	ND	**260** J	ND	1.9	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	0.4	1.4 J	0.94 J	**550** J	ND	0.14 J	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	0.83	0.52 J	1.6 J	**710** J	ND	0.63	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	0.063 J	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	**1.5**	0.7 J	**1.9** J	**510** J	ND	0.44	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	**1.1**	0.87 J	**2.8**	**280** J	ND	0.31 J	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	**1.3**	**1.6** J	**2.8**	**410** J	ND	0.22 J	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	0.64	0.93 J	1.6 J	**110** J	ND	0.11 J	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	0.5	0.45 J	0.71 J	**100** J	ND	0.1 J	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	0.37 J	ND	ND	200 J	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	0.13 J	0.15 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	190 J	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	**1.5**	**1.3** J	**2.1**	**440** J	ND	0.43	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	0.13 J	0.23 J	**0.4** J	**44** J	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	0.16 J	ND	ND	**630** J	ND	0.1 J	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	2.2	0.58 J	1.3 J	**960** J	0.05 J	0.55	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	0.86	0.24 J	0.36 J	**830** J	ND	0.71	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	0.34 J	0.47 J	**0.85** J	**140** J	ND	0.088 J	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	6.1	0.47 J	ND	**3700** J	0.14 J	0.074 J	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	4.6	0.95 J	0.64 J	**2000** J	0.096 J	2	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	0.076 J	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	4.9	1.6 J	3.2	**800** J	0.058 J	0.8	ND
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**31.749**	**12.86**	**21.2**	**14164**	**0.531**	**9.752**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	TP-14W	TP-15	TP-15	CMW-32	CMW-32	CMW-33	CMW-33
					Sample ID:	TP-14W(5.5)	TP-15(2.8)	TP-15(5)	CMW-32(13-15)	CMW-32(39-41)	CMW-33(18-19)	CMW-33(41-43)
					Lab Sample Id:	A2513-04	A2477-05	A2477-06	C3666-06	C3666-07	C3769-01	C3769-02
					Depth:	5.5 ft	2.8 ft	5 ft	13 - 15 ft	39 - 41 ft	18 - 19 ft	41 - 43 ft
					Source:	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2513	A2477	A2477	C3666	C3666	C3769	C3769
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	4/27/2009 0:00	4/23/2009 0:00	4/23/2009 0:00	9/8/2011 2:35	9/9/2011 1:25	9/12/2011 10:30	9/13/2011 11:00
					Validated:	5/27/2009	5/15/2009	5/15/2009	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	4980	9670	6120	10200 J	4250	4030	3000
7440-36-0	ANTIMONY	--	--	--	mg/Kg	0.55 J	1.72 J	0.6 J	1.7 J	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	12.3	8.51	2.63	**27.6** J	1.45	0.853	0.543 J
7440-39-3	BARIUM	350	400	820	mg/Kg	48.3	93.5	57.2	111 J	56.9	45 J	29.4 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.25	0.51	0.34	0.747 J	0.189 J	0.136 J	0.12 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.24	0.87	0.66	0.471 J	ND	0.063 J	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	2120	2310	1020	5740 J	992	311	438
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	15.9	23.6	17.3	23.3 J	13.2	11.5	13.4
7440-48-4	COBALT	--	--	--	mg/Kg	2.21	5.06	5.86	21.9 J	5.88	7.44	5.99
7440-50-8	COPPER	50	270	1720	mg/Kg	12.5	**140**	37.8	**96.3** J	9.54 J	10.1	6.77
7439-89-6	IRON	--	--	--	mg/Kg	24500	25600	19900	34700 J	12500	13400	8320
7439-92-1	LEAD	63	1000	450	mg/Kg	19	**186**	49	**273** J	2.43	3.12	3.15
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2090	1780	2020	2910 J	1820	1520	1190
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	83.8	114	172	293 J	369	115	205
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.077	**0.481**	0.158	0.028 J	ND	ND	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	4.41	13.3	13.3	**31.2** J	9.76	11.9	11.5
7440-09-7	POTASSIUM	--	--	--	mg/Kg	378	512	1300	1250 J	1440	1680 J	755 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.92	3.66	2.68	0.84 J	ND	0.375 J	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	184	185	181	ND	ND	192 J	263 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	17.5	30.1	24.4	28.7 J	19.2	14.8	11.2
7440-66-6	ZINC	109	10000	2480	mg/Kg	18.6	64.1	47.5	**218** J	22.4	25	17.7
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	3.72	2.36	14 J	0.098 J	0.057 J	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CMW-35	CMW-35	CMW-36	CMW-36	CMW-37	CMW-37	CMW-38
					Sample ID:	CMW-35(9-11)	CMW-35(31-33)	CMW-36(12-14)	CMW-36(24-26)	CMW-37(15-17)	CMW-37(39-41)	CMW-38(13-15)
					Lab Sample Id:	C3769-03	C3769-04	C3816-05	C3816-06	C3769-11	C3769-12	C3954-16
					Depth:	9 - 11 ft	31 - 33 ft	12 - 14 ft	24 - 26 ft	15 - 17 ft	39 - 41 ft	13 - 15 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3769	C3769	C3816	C3816	C3769	C3769	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/14/2011 9:55	9/15/2011 10:55	9/23/2011 9:40	9/23/2011 11:10	9/19/2011 10:40	9/19/2011 2:40	9/27/2011 10:40
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	0.0019 J	ND	**3.5** J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	0.0018 J	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	0.0031 J	ND	**21**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	0.0047 J	ND	2.7 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	0.065	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	0.0047 J	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	0.056	ND	**3.8** J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**ND**	**0.0047**	**ND**	**ND**	**0.1307**	**0.0018**	**31**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CMW-35	CMW-35	CMW-36	CMW-36	CMW-37	CMW-37	CMW-38
					Sample ID:	CMW-35(9-11)	CMW-35(31-33)	CMW-36(12-14)	CMW-36(24-26)	CMW-37(15-17)	CMW-37(39-41)	CMW-38(13-15)
					Lab Sample Id:	C3769-03	C3769-04	C3816-05	C3816-06	C3769-11	C3769-12	C3954-16
					Depth:	9 - 11 ft	31 - 33 ft	12 - 14 ft	24 - 26 ft	15 - 17 ft	39 - 41 ft	13 - 15 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3769	C3769	C3816	C3816	C3769	C3769	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/14/2011 9:55	9/15/2011 10:55	9/23/2011 9:40	9/23/2011 11:10	9/19/2011 10:40	9/19/2011 2:40	9/27/2011 10:40
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	0.75	ND	ND	ND	ND	ND	460
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	10	ND	ND	ND	ND	ND	**130**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	0.72	ND	ND	ND	ND	ND	7.7
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	4.3	ND	ND	ND	ND	ND	52
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	3.3
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	**5.7**	ND	ND	ND	ND	ND	**27**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	**3.5**	ND	ND	ND	ND	ND	**16**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	**3**	ND	ND	ND	ND	ND	**11** J
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	1.6	ND	ND	ND	ND	ND	6.8
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	**0.83**	ND	ND	ND	ND	ND	**3.2**
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	26
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	0.14 J	ND	0.31 J	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	**5.1**	ND	ND	ND	ND	ND	**25**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	**0.39**	ND	ND	ND	ND	ND	**1.6**
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	0.75	ND	ND	ND	ND	ND	5.7
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	0.082 J	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	9.6	ND	ND	ND	ND	ND	44
86-73-7	FLUORENE	30	500	386	mg/Kg	3	ND	ND	ND	ND	ND	**59**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	**1.5**	ND	ND	ND	ND	ND	**6.7**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	0.58	ND	ND	ND	0.067 J	ND	**570**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	9.4	ND	ND	ND	ND	ND	**170**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	13	ND	ND	ND	ND	ND	71
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**73.86**	**ND**	**0.392**	**ND**	**0.067**	**ND**	**1696**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CMW-35	CMW-35	CMW-36	CMW-36	CMW-37	CMW-37	CMW-38
					Sample ID:	CMW-35(9-11)	CMW-35(31-33)	CMW-36(12-14)	CMW-36(24-26)	CMW-37(15-17)	CMW-37(39-41)	CMW-38(13-15)
					Lab Sample Id:	C3769-03	C3769-04	C3816-05	C3816-06	C3769-11	C3769-12	C3954-16
					Depth:	9 - 11 ft	31 - 33 ft	12 - 14 ft	24 - 26 ft	15 - 17 ft	39 - 41 ft	13 - 15 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3769	C3769	C3816	C3816	C3769	C3769	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/14/2011 9:55	9/15/2011 10:55	9/23/2011 9:40	9/23/2011 11:10	9/19/2011 10:40	9/19/2011 2:40	9/27/2011 10:40
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	4260	11100	4140	4180	10900	1580	5240
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.38	1.84	1.03 J	3.52	3.91	0.752 J	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	23.3 J	136 J	45.7	50.1	30.2 J	12.8 J	79.6 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.179 J	0.351	0.183 J	0.134 J	0.469	0.12 J	0.1 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	0.083 J	0.695	1.24	0.141 J	ND	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	446	1860	1180	1130	494	324	767 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	9.07	**36.4**	13.3 J	**37.1** J	17.4	5.51	15 J
7440-48-4	COBALT	--	--	--	mg/Kg	5.03	13.5	5.65	6.72	5.06	2.43	6.29
7440-50-8	COPPER	50	270	1720	mg/Kg	14.1	19.5	11.8 J	38.7 J	9.48	3.48	12.4
7439-89-6	IRON	--	--	--	mg/Kg	10200	23000	12800	23600	17000	5660	13100
7439-92-1	LEAD	63	1000	450	mg/Kg	5.27	6.36	2.93	2.13	39.2	2.94	2.07
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1250	5930	1580	1880	2140	591	2290
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	78.8	255	160	261	84.4	46.4	475
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	ND	ND	ND	0.049	ND	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	8.97	**36.2**	9.54	**30.2**	13.4	4.02	15
7440-09-7	POTASSIUM	--	--	--	mg/Kg	824 J	5590 J	1740	1870	733 J	435 J	3160 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	ND	0.857 J	1.09	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	0.26 J
7440-23-5	SODIUM	--	--	--	mg/Kg	324 J	1460 J	261 J	231 J	578 J	284 J	167
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	12.7	38	19.7	19.5	22.9	7.94	18.3
7440-66-6	ZINC	109	10000	2480	mg/Kg	20.2	56.6	24.1	24.1	78.7	12.5	29.8
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	0.088 J	ND	ND	0.452 J	0.042 J	0.05 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CMW-38	CMW-39	CMW-39	CMW-40	CMW-40	CSB-48	CSB-48
					Sample ID:	CMW-38(39-41)	CMW-39(22-24)	CMW-39(40-42)	CMW-40(36-38)	CMW-40(40-42)	CSB-48(15-17)	CSB-48(17-19)
					Lab Sample Id:	C3954-17	C4297-03	C4297-04	C4297-01	C4297-02	F1028-05	F1028-09
					Depth:	39 - 41 ft	22 - 24 ft	40 - 42 ft	36 - 38 ft	40 - 42 ft	15 - 17 ft	17 - 19 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C4297	C4297	C4297	C4297	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/27/2011 2:20	10/20/2011 12:26	10/20/2011 2:30	10/17/2011 1:18	10/17/2011 1:40	1/7/2014 9:50	1/7/2014 10:25
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	0.05	0.003 J	ND	0.0075	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	R	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.0028 J	ND	ND	ND	ND	**176.5**	**104.2** J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.17 J	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.0029 J	ND	ND	ND	ND	**500.2**	**72.5** J
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	89.6	2.8 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	**320.2**	**108** J
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.67	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	**31.6**	**38.4** J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	0.02	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	**3.8**	**1.3** J
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	0.01	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.0257**	**0.06**	**0.003**	**ND**	**0.0075**	**1122.74**	**327.2**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CMW-38	CMW-39	CMW-39	CMW-40	CMW-40	CSB-48	CSB-48
					Sample ID:	CMW-38(39-41)	CMW-39(22-24)	CMW-39(40-42)	CMW-40(36-38)	CMW-40(40-42)	CSB-48(15-17)	CSB-48(17-19)
					Lab Sample Id:	C3954-17	C4297-03	C4297-04	C4297-01	C4297-02	F1028-05	F1028-09
					Depth:	39 - 41 ft	22 - 24 ft	40 - 42 ft	36 - 38 ft	40 - 42 ft	15 - 17 ft	17 - 19 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C4297	C4297	C4297	C4297	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/27/2011 2:20	10/20/2011 12:26	10/20/2011 2:30	10/17/2011 1:18	10/17/2011 1:40	1/7/2014 9:50	1/7/2014 10:25
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg						ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg						ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	1853.4	63.3 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	ND	ND	ND	**432.1** J	15.4 J
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	ND	ND	54.2	3.6 J
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	**172.3**	10.7 J
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	ND	ND	ND	**86.3**	**5.4** J
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	ND	ND	ND	**51.7**	**3.3** J
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	ND	ND	ND	**46.9**	**3** J
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	17.2 J+	0.94 J
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	ND	ND	**15** J+	0.67 J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	85	4.4 J
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	0.26 J	0.28 J	0.34 J	0.18 J	ND	4.4 J
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	8.5 J+	0.42 J
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	ND	ND	ND	**66.8**	**4.6** J
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	**5.5** J+	0.3 J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	**14** J+	1.6 J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	2.6 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	**128.2**	7.9 J
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	ND	ND	ND	**344.3** J	12.8 J
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	ND	ND	**14.2** J+	**0.73** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	ND	ND	ND	**2453.6**	**85.4** J
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	**859.3**	33.9 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	**331** J	13.3 J
	TOTAL SVOCS	--	--	--	**mg/kg**	**ND**	**0.26**	**0.28**	**0.34**	**0.18**	**7039.5**	**278.66**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CMW-38	CMW-39	CMW-39	CMW-40	CMW-40	CSB-48	CSB-48
					Sample ID:	CMW-38(39-41)	CMW-39(22-24)	CMW-39(40-42)	CMW-40(36-38)	CMW-40(40-42)	CSB-48(15-17)	CSB-48(17-19)
					Lab Sample Id:	C3954-17	C4297-03	C4297-04	C4297-01	C4297-02	F1028-05	F1028-09
					Depth:	39 - 41 ft	22 - 24 ft	40 - 42 ft	36 - 38 ft	40 - 42 ft	15 - 17 ft	17 - 19 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C4297	C4297	C4297	C4297	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/27/2011 2:20	10/20/2011 12:26	10/20/2011 2:30	10/17/2011 1:18	10/17/2011 1:40	1/7/2014 9:50	1/7/2014 10:25
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	3990	1660 J	1690 J	2050 J	1720 J	6900	10100 J
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.17	0.731 J	0.6 J	0.683 J	0.719 J	4.95	1.96 J
7440-39-3	BARIUM	350	400	820	mg/Kg	47.2 J	16.9	17.9	19.2	19.6	41.1	24 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.23 J	0.22 J	0.119 J	0.097 J	0.071 J	0.324 J	0.503 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	0.394	0.3	0.393	0.427	1.53	1.85 J
7440-70-2	CALCIUM	--	--	--	mg/Kg	788 J	ND	3890	ND	ND	8300	8600 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	14.4 J	7.83	4.62	8.96	6.68	13.3	20 J
7440-48-4	COBALT	--	--	--	mg/Kg	7.18	2.88	2.98	2.51	2.92	5.39	8.42 J
7440-50-8	COPPER	50	270	1720	mg/Kg	11.6	7.18	8.13	7.82	7.56	48.6	15.7 J
7439-89-6	IRON	--	--	--	mg/Kg	17700	7980 J	5700 J	7590 J	8520 J	13500	18200 J
7439-92-1	LEAD	63	1000	450	mg/Kg	4.28	3.23	1.8	1.61	1.69	**139**	12.2 J
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1580	744 J	2740 J	891 J	781 J	2100	4900 J
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	381	150 J	120 J	48.8 J	84.3 J	126	159 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.008 J	0.005 J	0.006 J	ND	0.005 J	**1.8**	0.018 J
7440-02-0	NICKEL	30	310	130	mg/Kg	12.3	5.92	4.77	8.93	6.81	21.4	21.4 J
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1340 J	533 J	540 J	590 J	773 J	518	2100 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	ND	ND	ND	1.39	2.56 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.36 J	ND	ND	ND	ND	0.665	0.803 J
7440-23-5	SODIUM	--	--	--	mg/Kg	239	495 J	164 J	249 J	400 J	716	8000 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	16.5	8.47	7.64	8.45	9.45	14.4	33.7 J
7440-66-6	ZINC	109	10000	2480	mg/Kg	33.3	17.8	15.1	12.8	15.5	**132**	69.2 J
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	0.048 J	ND	ND	4.19	1.03 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only							CSB-48D(25-30)-20140221						
					Location ID:	CSB-48D	CSB-48D	CSB-48D	CSB-51	CSB-51	CSB-57	CSB-57
					Sample ID:	CSB-48D(25-30)-20140221	CSB-148(25-30)-20140221	CSB-48D(42-44)-20140221	CSB-51(15-17)-20140120	CSB-51(29-31)-20140120	CSB-57(15-17)-20140121	CSB-57(29-31)-20140121
					Lab Sample Id:	F1466-06	F1466-07	F1466-03	F1204-07	F1204-08	F1204-14	F1204-15
					Depth:	25 - 30 ft	25 - 30 ft	42 - 44 ft	15 - 17 ft	29 - 31 ft	15 - 17 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1466	F1466	F1466	F1204	F1204	F1204	F1204
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/21/2014 9:40	2/21/2014 10:00	2/21/2014 11:00	1/20/2014 12:11	1/20/2014 12:50	1/21/2014 10:43	1/21/2014 11:07
					Validated:	4/29/2014	4/29/2014	4/29/2014	4/28/2014	4/28/2014	4/28/2014	4/28/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	0.0166 J
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	**9**	**15.7**	ND	**2.1**	ND	**27.4**	0.0297
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	0.11 J	ND	0.19 J	0.0362
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	0.002 J
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	**30.2**	**42.5**	ND	**13.3** J	ND	**79.5**	0.0616 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	2	2.9	ND	3.4	ND	9.6	0.0088 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	**16.8**	**21.7**	ND	**0.8** J	ND	**67.6**	0.0274 J
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	0.14 J	ND	0.17 J	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	0.0086	ND	0.0116
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	**1.3**	**1.9**	ND	**1.1**	ND	**32.6**	0.0313 J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	0.002 J	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	0.21 J	0.34 J	0.0015 J	0.55 J	ND	**61.1**	0.0127 J
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**59.51**	**85.04**	**0.0015**	**21.5**	**0.0106**	**278.16**	**0.2379**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only							CSB-48D(25-30)-20140221						
					Location ID:	CSB-48D	CSB-48D	CSB-48D	CSB-51	CSB-51	CSB-57	CSB-57
					Sample ID:	CSB-48D(25-30)-20140221	CSB-148(25-30)-20140221	CSB-48D(42-44)-20140221	CSB-51(15-17)-20140120	CSB-51(29-31)-20140120	CSB-57(15-17)-20140121	CSB-57(29-31)-20140121
					Lab Sample Id:	F1466-06	F1466-07	F1466-03	F1204-07	F1204-08	F1204-14	F1204-15
					Depth:	25 - 30 ft	25 - 30 ft	42 - 44 ft	15 - 17 ft	29 - 31 ft	15 - 17 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1466	F1466	F1466	F1204	F1204	F1204	F1204
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/21/2014 9:40	2/21/2014 10:00	2/21/2014 11:00	1/20/2014 12:11	1/20/2014 12:50	1/21/2014 10:43	1/21/2014 11:07
					Validated:	4/29/2014	4/29/2014	4/29/2014	4/28/2014	4/28/2014	4/28/2014	4/28/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	2.3	1.9	ND	0.5 J	ND	242.1	0.18 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	0.48 J	0.36 J	ND	0.8 J	ND	**76.4**	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	1.5 J	ND	3.7 J-	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	0.24 J	0.18 J	ND	2 J	ND	42	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	ND	**3.1** J	ND	**3.6** J-	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	ND	**1.2** J	ND	**2.7** J-	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	ND	**1.6** J	ND	**2** J-	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	1.1 J	ND	0.96 J-	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	**0.94** J	ND	0.72 J-	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	0.13 J	ND	ND	1.1 J	ND	3.3 J-	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.25 J	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	ND	**2.6** J	ND	**3.4** J-	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	0.29 J	ND	0.25 J	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	0.24 J	ND	1.1 J-	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	1.5	1.2	1.1	0.37 J	0.4 J	0.17 J	0.57
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	0.17 J	0.13 J	ND	4.6 J	ND	40.1	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	0.34 J	0.26 J	ND	2.6 J	ND	**65.3**	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	**1** J	ND	**0.78** J-	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	6.4	4.3	ND	5.3 J	ND	**398.2**	0.34 J
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	0.76	0.6	ND	9.2 J	0.13 J	**151.8**	0.12 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	0.26 J	0.21 J	ND	5.5 J	ND	54.8	ND
	TOTAL SVOCS	--	--	--	**mg/kg**	**12.58**	**9.14**	**1.1**	**45.54**	**0.53**	**1093.63**	**1.21**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only							CSB-48D(25-30)-20140221						
					Location ID:	CSB-48D	CSB-48D	CSB-48D	CSB-51	CSB-51	CSB-57	CSB-57
					Sample ID:	CSB-48D(25-30)-20140221	CSB-148(25-30)-20140221	CSB-48D(42-44)-20140221	CSB-51(15-17)-20140120	CSB-51(29-31)-20140120	CSB-57(15-17)-20140121	CSB-57(29-31)-20140121
					Lab Sample Id:	F1466-06	F1466-07	F1466-03	F1204-07	F1204-08	F1204-14	F1204-15
					Depth:	25 - 30 ft	25 - 30 ft	42 - 44 ft	15 - 17 ft	29 - 31 ft	15 - 17 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1466	F1466	F1466	F1204	F1204	F1204	F1204
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/21/2014 9:40	2/21/2014 10:00	2/21/2014 11:00	1/20/2014 12:11	1/20/2014 12:50	1/21/2014 10:43	1/21/2014 11:07
					Validated:	4/29/2014	4/29/2014	4/29/2014	4/28/2014	4/28/2014	4/28/2014	4/28/2014
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	15100	15700	5860	5500 J	4200 J	5400 J	9500 J
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	0.966 J	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	10.3	10.7	1.71	8.11	0.779 J	5.33	5.86
7440-39-3	BARIUM	350	400	820	mg/Kg	36.8 J+	38.8 J+	62.1 J+	100 J	81.9 J	45 J	45.9 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	ND	ND	ND	ND	ND	0.117 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.643	0.948	0.206 J	1.56	0.8	0.771	1.16
7440-70-2	CALCIUM	--	--	--	mg/Kg	3100	4050	398	19100 J	716 J	15300 J	1900 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**30.7**	**32.1**	24.1	15.8 J	22.9 J	13.3 J	28.5 J
7440-48-4	COBALT	--	--	--	mg/Kg	14.5 J+	15 J+	9.19 J+	6.42	10.91	5.23	9.9
7440-50-8	COPPER	50	270	1720	mg/Kg	13.7 J	13.1 J	10.75 J	**74.6** J	13.9 J	30.3 J+	7.95 J
7439-89-6	IRON	--	--	--	mg/Kg	40000	40100	21800	22700	20800	13800	26100 J
7439-92-1	LEAD	63	1000	450	mg/Kg	18.9	17.3	2.71	**288**	1.72	**99.3**	7.43 J
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	7610	7880	2310	10700	1600	7400	5900 J
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	526 J	564 J	722 J	178 J	1500 J	139 J	604 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.017 J	0.01 J	ND	0.055	ND	**0.258**	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	**32**	**31.7**	**38.7**	16.5	21.5	13.1	21.6
7440-09-7	POTASSIUM	--	--	--	mg/Kg	3580	3750	1710	804	1500	1200	2700 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.37	1.48	0.518 J	1.95	0.944 J	1.9	1.64
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.64 J	0.448 J	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	3480	3620	135	424	102 J	1100	3400 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	36.7	38.1	22	30.6 J	50.9 J	24.5 J	40.2 J
7440-66-6	ZINC	109	10000	2480	mg/Kg	87.3	84.9	24	**146**	22.1	94.7	58.4 J
57-12-5	CYANIDE	27	27	40	mg/Kg	0.278 J	0.28 J	0.169 J	5.02	0.938	1.47	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						CSB-57(29-31)-20140121					
					Location ID:	CSB-57	CSB-58	CSB-58	CSB-63	CSB-63	CSB-64
					Sample ID:	CSB-157(29-31)-20140121	CSB-58(19-21)-20140121	CSB-58(23-25)-20140121	CSB-63(13-15)-20140228	CSB-63(29-31)-20140228	CSB-64 (7-9)-20140305
					Lab Sample Id	F1204-16	F1204-10	F1204-11	F1518-10	F1518-21	F1553-03
					Depth:	29 - 31 ft	19 - 21 ft	23 - 25 ft	13 - 15 ft	29 - 31 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1204	F1204	F1518	F1518	F1553
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/21/2014 11:30	1/21/2014 9:00	1/21/2014 9:07	2/28/2014 13:43	2/28/2014 14:33	3/5/2014 12:54
					Validated:	4/28/2014	4/28/2014	4/28/2014	5/21/2014	5/21/2014	4/29/2014
CAS NO.	COMPOUND				UNITS:						
	VOLATILES										
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.0106
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	0.0023 J
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	0.008
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	0.0228 J	ND	**0.0504**	**0.26**	0.0276 J	0.0366
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.0218	**5.5**	**0.2**	**0.14**	0.0026 J	0.0028 J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	0.0558 J	ND	0.0684 J	0.0111	0.007 J	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	0.0135
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	0.003 J	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	0.007	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.0335 J	**6.3**	0.27 J	0.0467	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	0.0032 J	1.3	0.14	0.0404	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	0.0075 J	**1.3**	**0.4**	0.0345	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	0.0108 J	0.0572	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	0.0166	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	0.0238 J	0.0084	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	0.0146 J	**0.39** J	0.0691	0.0389	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	0.0051 J	0.46 J	0.0085	0.0131	ND	0.0015 J
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg						
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg						
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg						
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg						
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.1673**	**15.25**	**1.241**	**0.6739**	**0.0372**	**0.0753**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						CSB-57(29-31)-20140121					
					Location ID:	CSB-57	CSB-58	CSB-58	CSB-63	CSB-63	CSB-64
					Sample ID:	CSB-157(29-31)-20140121	CSB-58(19-21)-20140121	CSB-58(23-25)-20140121	CSB-63(13-15)-20140228	CSB-63(29-31)-20140228	CSB-64 (7-9)-20140305
					Lab Sample Id	F1204-16	F1204-10	F1204-11	F1518-10	F1518-21	F1553-03
					Depth:	29 - 31 ft	19 - 21 ft	23 - 25 ft	13 - 15 ft	29 - 31 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1204	F1204	F1518	F1518	F1553
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/21/2014 11:30	1/21/2014 9:00	1/21/2014 9:07	2/28/2014 13:43	2/28/2014 14:33	3/5/2014 12:54
					Validated:	4/28/2014	4/28/2014	4/28/2014	5/21/2014	5/21/2014	4/29/2014
CAS NO.	COMPOUND				UNITS:						
	SEMIVOLATILES										
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.13 J
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	0.14 J
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.21 J
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	0.12 J	10.5	2.3	ND	ND	6
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	0.0937 J
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	0.31 J
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	4.7	0.75	ND	ND	**31.9** J
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.44	ND	ND	ND	0.35 J
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	1.5	0.22 J	ND	ND	42.2
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.87	ND	ND	ND	**70.7**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.64	ND	ND	ND	**59.4**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.57	ND	ND	ND	**64.5**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.3 J	ND	ND	ND	32.6 J
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	0.2 J	ND	ND	ND	**26.1**
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	0.41 J	ND	ND	ND	1.1
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	24
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.77	ND	ND	ND	**60.9**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	**11.7**
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	0.21 J	ND	ND	ND	**12.5**
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	0.12 J	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	0.54 J	0.49	0.62	0.66	1.2 J	0.62
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	1.4	0.19 J	0.14 J	ND	**151.3**
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	2.2	0.36 J	ND	ND	26.4
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	0.26 J	ND	ND	ND	**33** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	0.22 J	**12.7**	5.3	ND	ND	**17.2**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	0.0935 J	5.4	0.75	0.1 J	ND	**137.5**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	1.9	0.28 J	0.16 J	ND	**116.3**
	TOTAL SVOCS	--	--	--	**mg/kg**	**0.9735**	**45.46**	**10.77**	**1.18**	**1.2**	**927.1537**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						CSB-57(29-31)-20140121					
					Location ID:	CSB-57	CSB-58	CSB-58	CSB-63	CSB-63	CSB-64
					Sample ID:	CSB-157(29-31)-20140121	CSB-58(19-21)-20140121	CSB-58(23-25)-20140121	CSB-63(13-15)-20140228	CSB-63(29-31)-20140228	CSB-64 (7-9)-20140305
					Lab Sample Id	F1204-16	F1204-10	F1204-11	F1518-10	F1518-21	F1553-03
					Depth:	29 - 31 ft	19 - 21 ft	23 - 25 ft	13 - 15 ft	29 - 31 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1204	F1204	F1518	F1518	F1553
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/21/2014 11:30	1/21/2014 9:00	1/21/2014 9:07	2/28/2014 13:43	2/28/2014 14:33	3/5/2014 12:54
					Validated:	4/28/2014	4/28/2014	4/28/2014	5/21/2014	5/21/2014	4/29/2014
CAS NO.	COMPOUND				UNITS:						
	INORGANICS										
7429-90-5	ALUMINUM	--	--	--	mg/Kg	5300 J	3900 J	11800 J	9760	15400	1900
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	3.93	5.45	7.4	5.11	10.6	2.71 J
7440-39-3	BARIUM	350	400	820	mg/Kg	25.6 J	74.2 J	38.7 J	70.5 J+	35.6 J+	25.1 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	0.08 J	0.148 J	ND	ND	ND
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.508	0.811	1.73	1.55	1.37	0.085 J
7440-70-2	CALCIUM	--	--	--	mg/Kg	763 J	6300 J	5300 J	6460 J	7420 J	5750 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	15.8 J	19.1 J	27.9 J	24.3	**32.3**	5.22 J
7440-48-4	COBALT	--	--	--	mg/Kg	5.5	5.3	11.9	8.47 J+	14.9 J+	4.46
7440-50-8	COPPER	50	270	1720	mg/Kg	4.79 J	**58.9** J	22.1 J	26.1 J	5.92 J	14.3 J
7439-89-6	IRON	--	--	--	mg/Kg	13700 J	12300	32300	30000	42800	7570
7439-92-1	LEAD	63	1000	450	mg/Kg	3.61 J	**131**	42.1	**292**	18.9	55.9
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	3000 J	2900	6400	4430	8560	2840 J
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	291 J	112 J	536 J	283 J	608 J	64.5 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.008 J	0.095	0.034	**0.213**	0.014 J	0.078
7440-02-0	NICKEL	30	310	130	mg/Kg	11.2	15.9	27	19.5	**31.5**	11.5
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1500 J	690	3000	1900	3870	234
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.754 J	1.3	2.12	1.21	1.96	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	0.747	1.52	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	1800 J	574	1900	663	2400	65 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	23.1 J	19.4 J	43.3 J	33.7	39	12.5 J
7440-66-6	ZINC	109	10000	2480	mg/Kg	32.2 J	**128**	95.1	98.7	91.4	21.2
57-12-5	CYANIDE	27	27	40	mg/Kg	0.166 J	0.117 J	0.071 J	0.599	0.098 J	0.454

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CSB-64	CSB-65	CSB-65	CSB-65	CSB-66	CSB-66	CSB-67
					Sample ID:	CSB-64 (29-31)-20140305	CSB-65(15-17)-20140227	CSB-65(29-31)-20140227	CSB-65(37-39)-20140227	SB-66(11-13)-20140226	SB-66(29-31)-20140226	CSB-67 (11-13)-20140303
					Lab Sample Id:	F1553-04	F1518-01	F1518-02	F1518-03	F1518-19	F1518-20	F1553-02
					Depth:	29 - 31 ft	15 - 17 ft	29 - 31 ft	37 - 39 ft	11 - 13 ft	29 - 31 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1553	F1518	F1518	F1518	F1518	F1518	F1553
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	3/5/2014 13:38	2/27/2014 10:17	2/27/2014 10:40	2/27/2014 11:13	2/26/2014 13:02	2/26/2014 13:40	3/3/2014 12:45
					Validated:	4/29/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	4/29/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	0.0124 J	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	0.0276 J	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	**0.093** J	**0.19** J	ND	0.0199 J	**0.23**	0.043 J	**0.58**
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.0029 J	**0.24** J	0.0085 J	ND	**0.12** J	0.0069 J	**0.18** J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	0.031 J	0.0164 J	0.0213 J	0.0032 J	0.0062 J	0.016 J	0.0112
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	0.15 J	ND	ND	0.84 J	0.0352 J	0.002 J
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	0.15 J	ND	ND	0.0069 J	ND	0.0369
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.32 J	ND	ND	0.0379 J	ND	0.46 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	**0.43** J	ND	ND	0.007 J	ND	0.0286
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	0.0203 J	0.054 J	ND	ND	0.0654 J	0.0078 J	**0.19**
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	0.0073 J	ND	0.0755
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	0.0796 J	ND	ND	0.0032 J	ND	0.0174
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.0197
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	0.0329 J	0.0065 J	ND	0.015 J	ND	0.0186
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.1472**	**1.7029**	**0.0363**	**0.0231**	**1.3389**	**0.1089**	**1.6199**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CSB-64	CSB-65	CSB-65	CSB-65	CSB-66	CSB-66	CSB-67
					Sample ID:	CSB-64 (29-31)-20140305	CSB-65(15-17)-20140227	CSB-65(29-31)-20140227	CSB-65(37-39)-20140227	SB-66(11-13)-20140226	SB-66(29-31)-20140226	CSB-67 (11-13)-20140303
					Lab Sample Id:	F1553-04	F1518-01	F1518-02	F1518-03	F1518-19	F1518-20	F1553-02
					Depth:	29 - 31 ft	15 - 17 ft	29 - 31 ft	37 - 39 ft	11 - 13 ft	29 - 31 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1553	F1518	F1518	F1518	F1518	F1518	F1553
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	3/5/2014 13:38	2/27/2014 10:17	2/27/2014 10:40	2/27/2014 11:13	2/26/2014 13:02	2/26/2014 13:40	3/3/2014 12:45
					Validated:	4/29/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	4/29/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	1.9 J	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	2.2 J	ND	ND	0.17 J	ND	0.47
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.3 J	ND	ND	0.25 J	ND	1.5
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.19 J
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	0.99 J	ND	ND	0.15 J	ND	0.79
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.53 J	ND	ND	0.17 J	ND	**1.6**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.33 J	ND	ND	0.18 J	ND	**1.5**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.27 J	ND	ND	0.16 J	ND	**2.9**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.13 J	ND	ND	ND	ND	1.4
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	ND	ND	ND	0.69
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	0.13 J	0.14 J	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.39 J	ND	ND	0.14 J	ND	**1.6**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	ND	**0.4** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	1.1 J	0.71 J	0.8 J	0.45	1.1 J	0.92 J	0.78
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	0.96 J	ND	ND	0.2 J	ND	1.7
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	1.2 J	ND	ND	ND	ND	0.34 J
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	ND	ND	ND	**1.3**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	2.2 J	ND	ND	ND	ND	0.35 J
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	3.3 J	ND	ND	0.27 J	ND	0.83
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	1.2 J	ND	ND	0.32 J	ND	2.4
	TOTAL SVOCS	--	--	--	**mg/kg**	**1.1**	**16.61**	**0.8**	**0.58**	**3.25**	**0.92**	**20.74**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CSB-64	CSB-65	CSB-65	CSB-65	CSB-66	CSB-66	CSB-67
					Sample ID:	CSB-64 (29-31)-20140305	CSB-65(15-17)-20140227	CSB-65(29-31)-20140227	CSB-65(37-39)-20140227	SB-66(11-13)-20140226	SB-66(29-31)-20140226	CSB-67 (11-13)-20140303
					Lab Sample Id:	F1553-04	F1518-01	F1518-02	F1518-03	F1518-19	F1518-20	F1553-02
					Depth:	29 - 31 ft	15 - 17 ft	29 - 31 ft	37 - 39 ft	11 - 13 ft	29 - 31 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1553	F1518	F1518	F1518	F1518	F1518	F1553
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	3/5/2014 13:38	2/27/2014 10:17	2/27/2014 10:40	2/27/2014 11:13	2/26/2014 13:02	2/26/2014 13:40	3/3/2014 12:45
					Validated:	4/29/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	4/29/2014
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	18300	4830	16100	6930	7940	17000	3180
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.894 J
7440-38-2	ARSENIC	13	16	16	mg/Kg	12 J	7.36	10.62	4.15	12	10.41	**16.4** J
7440-39-3	BARIUM	350	400	820	mg/Kg	41.4 J	66.8 J+	37.3 J+	46.4 J+	103 J+	39.1 J+	132 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	1.95	0.823	1.63	0.809	1.17	1.58	0.446
7440-70-2	CALCIUM	--	--	--	mg/Kg	6990 J	13200 J	2950 J	1440 J	17600 J	4590 J	2830 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**34.8** J	16.9	**33.8**	22.3	24.2	**35.9**	16.4 J
7440-48-4	COBALT	--	--	--	mg/Kg	17	6.09 J+	16.2 J+	13.1 J+	6.62 J+	16.8 J+	7.33
7440-50-8	COPPER	50	270	1720	mg/Kg	16.6 J	27.2 J	6.74 J	14.2 J	**200** J	6.4 J	**198** J
7439-89-6	IRON	--	--	--	mg/Kg	48400	26300	42900	30100	33000	44600	41100
7439-92-1	LEAD	63	1000	450	mg/Kg	31.6	**374**	16.1	11.5	**372**	19	**470**
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	8250 J	2800	9610	3020	10500	9700	1270 J
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	598 J	123 J	586 J	199 J	165 J	664 J	139 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.023	**0.745**	0.012 J	0.008 J	0.125	0.017	**0.475**
7440-02-0	NICKEL	30	310	130	mg/Kg	**35.9**	15	**32.8**	26.8	15.8	**35.1**	13.6
7440-09-7	POTASSIUM	--	--	--	mg/Kg	4110	738	4240	2140	1510	4450	394
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.67	1.91	2.18	1.41	2.58	1.9	1.04 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	1.21	0.604 J	1.43	1.15	0.808	1.55	1.08
7440-23-5	SODIUM	--	--	--	mg/Kg	1770	1400	6820	1610	978	3970	632
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	41.5 J	20.1	42.5	27.7	29.8	42.3	33.7 J
7440-66-6	ZINC	109	10000	2480	mg/Kg	**326**	**152**	98.1	60.1	**289**	104	61.4
57-12-5	CYANIDE	27	27	40	mg/Kg	0.135 J	0.408 J	0.068 J	0.09 J	0.293 J	0.083 J	1.82

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CSB-67	CSB-68	CSB-68	CSB-71	CSB-71	CSB-79	CSB-79
					Sample ID:	CSB-67 (29-31)-20140303	CSB-68 (17-19)-20140305	CSB-68 (34-35)-20140305	CSB-71(7-9)-20140306	CSB-71(30-35)-20140306	CSB-79(7-10)-20141215	CSB-79(16-18)-20141215
					Lab Sample Id:	F1553-01	F1553-05	F1553-06	F1553-09	F1553-10	F5197-01	F5197-04
					Depth:	29 - 31 ft	17 - 19 ft	34 - 35 ft	7 - 9 ft	30 - 35 ft	7 - 10 ft	16 - 18 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1553	F1553	F1553	F1553	F1553	F5197	F5197
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	3/3/2014 13:24	3/5/2014 9:52	3/5/2014 10:33	3/6/2014 10:40	3/6/2014 11:38	12/15/2014 9:15	12/15/2014 9:25
					Validated:	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	0 R	ND	R	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	0 R	ND	R	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	0 R	ND	R	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	0 R	ND	R	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.0123 J	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	0.0426 J	**0.39** J	0.0317	**0.0754**	0.046	ND	**0.0507**
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	**7.4** J	ND	0.013 J	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	0.0214 J	0.0141 J	ND	0.0092	0.0132	ND	0.0062 J
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	0.0062 J	ND	0.0753 J	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	0.0037 J	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	**6.6** J	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	2.3 J	0.0012 J	ND	ND	0.0023 J	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	0.1 J	ND	ND	ND	0.0022 J	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	0.11 J	ND	0.0105 J	ND	ND	0.0129 J
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	0.0224 J	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	0.0135	ND	0.0023 J	0.0044 J
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	0.2 J	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	0.0166 J	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	0.16 J	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.064**	**17.323**	**0.0329**	**0.1969**	**0.0592**	**0.0191**	**0.0742**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CSB-67	CSB-68	CSB-68	CSB-71	CSB-71	CSB-79	CSB-79
					Sample ID:	CSB-67 (29-31)-20140303	CSB-68 (17-19)-20140305	CSB-68 (34-35)-20140305	CSB-71(7-9)-20140306	CSB-71(30-35)-20140306	CSB-79(7-10)-20141215	CSB-79(16-18)-20141215
					Lab Sample Id:	F1553-01	F1553-05	F1553-06	F1553-09	F1553-10	F5197-01	F5197-04
					Depth:	29 - 31 ft	17 - 19 ft	34 - 35 ft	7 - 9 ft	30 - 35 ft	7 - 10 ft	16 - 18 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1553	F1553	F1553	F1553	F1553	F5197	F5197
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	3/3/2014 13:24	3/5/2014 9:52	3/5/2014 10:33	3/6/2014 10:40	3/6/2014 11:38	12/15/2014 9:15	12/15/2014 9:25
					Validated:	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	0.22 J	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	6.3	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	5.9	ND	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	10.6	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	0.45 J	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	32.8	ND	ND	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	R	R
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**23.4**	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**15.1**	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**11.4**	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	6	ND	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	**5.1**	ND	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	1.9 J	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	0.63 J	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**22**	ND	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**1.9** J	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	4	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	0.68 J	ND	ND	0.78	0.14 J	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	1 J	0.89 J	0.78	0.43	0.53 J	0.93	0.2 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	39.5	ND	ND	ND	ND	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	**30.9**	ND	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**4.1**	ND	ND	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	**20.5**	ND	ND	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	97.5	ND	ND	ND	ND	0.15 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	0.14 J	0.33 J
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	55.2	ND	ND	ND	ND	ND
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**1.68**	**396.07**	**0.78**	**1.21**	**0.67**	**1.29**	**0.68**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	CSB-67	CSB-68	CSB-68	CSB-71	CSB-71	CSB-79	CSB-79
					Sample ID:	CSB-67 (29-31)-20140303	CSB-68 (17-19)-20140305	CSB-68 (34-35)-20140305	CSB-71(7-9)-20140306	CSB-71(30-35)-20140306	CSB-79(7-10)-20141215	CSB-79(16-18)-20141215
					Lab Sample Id:	F1553-01	F1553-05	F1553-06	F1553-09	F1553-10	F5197-01	F5197-04
					Depth:	29 - 31 ft	17 - 19 ft	34 - 35 ft	7 - 9 ft	30 - 35 ft	7 - 10 ft	16 - 18 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1553	F1553	F1553	F1553	F1553	F5197	F5197
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	3/3/2014 13:24	3/5/2014 9:52	3/5/2014 10:33	3/6/2014 10:40	3/6/2014 11:38	12/15/2014 9:15	12/15/2014 9:25
					Validated:	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	17300	6090	7160	10600	16400	1810	5040 J
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	1.35 J	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	8.95 J	**13.3** J	2.14 J	4.17 J	11.6 J	8.67	8.77
7440-39-3	BARIUM	350	400	820	mg/Kg	36 J	62.4 J	16.9 J	49.4 J	37.7 J	45.3 J+	**692**
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	ND	ND	ND	ND	0.268 J	0.538 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.528	0.61	ND	ND	0.351 J	ND	0.56
7440-70-2	CALCIUM	--	--	--	mg/Kg	2390 J	6860 J	442 J	3650 J	6400 J	4120	5070
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**32.2** J	23.4 J	16.4 J	25.4 J	**32.7** J	7.27	23.8 J
7440-48-4	COBALT	--	--	--	mg/Kg	15.6	7.08	6.61	7.87 J	15.4 J	3.85	7.94 J
7440-50-8	COPPER	50	270	1720	mg/Kg	10.18 J	**147** J	8.14 J	17.2 J	15.1 J	16.2	**111** J
7439-89-6	IRON	--	--	--	mg/Kg	42100	45400	15200	22600	43000	7720	32600 J
7439-92-1	LEAD	63	1000	450	mg/Kg	15.8	**137**	5.38	23.1	19.4	14.8	**1240** J
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	8190 J	3780 J	2140 J	3500 J	7810 J	1080	2670 J
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	601 J	205 J	152 J	268 J	591 J	178	1050
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.014 J	**0.193**	0.007 J	**0.224**	0.023	0.025	0.133
7440-02-0	NICKEL	30	310	130	mg/Kg	**33.3**	15.4	10.81	26.3	**32.9**	11.3	24.8
7440-09-7	POTASSIUM	--	--	--	mg/Kg	3950	1390	1030	946	3970	247	1780 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.39 J	1.22	0.574 J	1.15	2.3	0.588 J	2.56 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	1.12	0.342 J	0.2 J	ND	ND	ND	0.837 J
7440-23-5	SODIUM	--	--	--	mg/Kg	4340	764	174	455	2180	164	2230 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	39.1 J	29.6 J	17.8 J	28.7 J	38.6 J	7.37	19.4 J
7440-66-6	ZINC	109	10000	2480	mg/Kg	94	**114**	27.9	45.2	101	24	**537** J
57-12-5	CYANIDE	27	27	40	mg/Kg	0.127 J	4	0.08 J	0.401	ND	0.172 J	0.125 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						CSB-79(16-18)-20141215		CSB-60(7-9)-20140228					
					Location ID:	CSB-79	MW-CSB-60	MW-CSB-60	MW-CSB-60	MW-13	MW-13	MW-14
					Sample ID:	CSB-179(16-18)-20141215	CSB-60(7-9)-20140228	CSB-160(7-9)-20140228	CSB-60(29-31)-20140228	MW-13(18-20)	MW-13(24-26)	MW-14(14-16)
					Lab Sample Id:	F5197-05	F1518-05	F1518-09	F1518-06	A2679-06	A2679-05	A2752-05
					Depth:	16 - 18 ft	7 - 9 ft	7 - 9 ft	29 - 31 ft	18 - 20 ft	24 - 26 ft	14 - 16 ft
					Source:	CTECH	CTECH	CTECH	CTECH	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F5197	F1518	F1518	F1518	A2679	A2679	A2752
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	12/15/2014 9:25	2/28/2014 9:41	2/28/2014 10:00	2/28/2014 10:38	5/8/2009 0:00	5/8/2009 0:00	5/14/2009 0:00
					Validated:	2/25/2015	5/21/2014	5/21/2014	5/21/2014	6/1/2009	6/1/2009	6/4/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	R	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	R	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	R	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	R	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	0.0363 J	0.04	**0.0594** J+	0.0093 J	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	0.002 J	0.0182 J	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	0.0064 J	0.0017 J	0.0053 J	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.44 J
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	0.0031 J	ND	ND	ND	**150**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	17
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	0.0019 J	ND	0.0033 J	ND	ND	ND	**2.4**
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	0.0064 J	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	0.0014 J	ND	ND	ND	1.9
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	0.0023 J	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	0.0015 J	ND	ND	ND	**19**
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	0.0105 J	ND	0.0064 J	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.0469**	**0.0437**	**0.1091**	**0.0093**	**0.0064**	**ND**	**190.74**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						CSB-79(16-18)-20141215		CSB-60(7-9)-20140228					
					Location ID:	CSB-79	MW-CSB-60	MW-CSB-60	MW-CSB-60	MW-13	MW-13	MW-14
					Sample ID:	CSB-179(16-18)-20141215	CSB-60(7-9)-20140228	CSB-160(7-9)-20140228	CSB-60(29-31)-20140228	MW-13(18-20)	MW-13(24-26)	MW-14(14-16)
					Lab Sample Id:	F5197-05	F1518-05	F1518-09	F1518-06	A2679-06	A2679-05	A2752-05
					Depth:	16 - 18 ft	7 - 9 ft	7 - 9 ft	29 - 31 ft	18 - 20 ft	24 - 26 ft	14 - 16 ft
					Source:	CTECH	CTECH	CTECH	CTECH	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F5197	F1518	F1518	F1518	A2679	A2679	A2752
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	12/15/2014 9:25	2/28/2014 9:41	2/28/2014 10:00	2/28/2014 10:38	5/8/2009 0:00	5/8/2009 0:00	5/14/2009 0:00
					Validated:	2/25/2015	5/21/2014	5/21/2014	5/21/2014	6/1/2009	6/1/2009	6/4/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND			
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND			
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	260
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	1.3 J	ND	0.59	ND	**110**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.85 J	0.99 J	ND	0.46	ND	12
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	1.1 J	2.3 J	ND	0.45	0.041 J	46
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	R	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**3.9** J	**8.2** J	ND	**2.1**	0.062 J	**35**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**4.1** J	**7.5** J	ND	**1.3**	0.039 J	**24**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**5.8** J	**10** J	ND	1	ND	**21**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	2.7 J	4.3	ND	0.48	ND	9.1
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	**1.2** J	**2.4** J	ND	0.38 J	ND	**8.6**
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	15
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	0.2 J	0.15 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	1.1 J	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**3.7** J	**7.5** J	ND	**1.8**	0.053 J	**33**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**0.88** J	**1.5** J	ND	0.14 J	ND	**2.3** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	ND	**9**
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	0.17 J	ND	ND	0.55	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	0.11 J	6.2 J	13.2 J	ND	3.9	0.092 J	53
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	1.2 J	ND	ND	ND	**53**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**3** J	**4.6**	ND	0.37 J	ND	**6.2** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	0.9 J	ND	0.19 J	ND	**550**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	3.2 J	7.3 J	ND	0.2 J	0.07 J	**180**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	5.7 J	11.3 J	ND	6.1	0.14 J	78
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.28**	**42.33**	**85.59**	**0.55**	**19.66**	**0.647**	**1505.2**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						CSB-79(16-18)-20141215		CSB-60(7-9)-20140228					
					Location ID:	CSB-79	MW-CSB-60	MW-CSB-60	MW-CSB-60	MW-13	MW-13	MW-14
					Sample ID:	CSB-179(16-18)-20141215	CSB-60(7-9)-20140228	CSB-160(7-9)-20140228	CSB-60(29-31)-20140228	MW-13(18-20)	MW-13(24-26)	MW-14(14-16)
					Lab Sample Id:	F5197-05	F1518-05	F1518-09	F1518-06	A2679-06	A2679-05	A2752-05
					Depth:	16 - 18 ft	7 - 9 ft	7 - 9 ft	29 - 31 ft	18 - 20 ft	24 - 26 ft	14 - 16 ft
					Source:	CTECH	CTECH	CTECH	CTECH	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F5197	F1518	F1518	F1518	A2679	A2679	A2752
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	12/15/2014 9:25	2/28/2014 9:41	2/28/2014 10:00	2/28/2014 10:38	5/8/2009 0:00	5/8/2009 0:00	5/14/2009 0:00
					Validated:	2/25/2015	5/21/2014	5/21/2014	5/21/2014	6/1/2009	6/1/2009	6/4/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	2490 J	6300	5850	6020	2820	2320	4750
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	31.5 J	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	5.41	9.26	**33.8**	3.17	ND	ND	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	**421**	67.8 J	30.4 J	22.4 J+	28.1	48.2	60
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.291 J	ND	6.33 J	ND	0.12 J	0.12 J	0.21 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.401	1.52	**10.24**	0.246 J	ND	ND	0.35
7440-70-2	CALCIUM	--	--	--	mg/Kg	3470	17800 J	510 J	475 J	715	1630	1830
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	10.23 J	22.1	**30.9**	14.5	10.9	16.2	17.1
7440-48-4	COBALT	--	--	--	mg/Kg	4.45 J	10.71 J+	18.5 J+	9.02 J+	4.11	5.01	6.96
7440-50-8	COPPER	50	270	1720	mg/Kg	**53.4** J	**170** J	23.4 J	11.8 J	9.81	11.2	12.8
7439-89-6	IRON	--	--	--	mg/Kg	12700 J	24100	18400	18800	11400	14400	13700
7439-92-1	LEAD	63	1000	450	mg/Kg	**731** J	**183**	55.6	6.16 J+	2.61	1.82	4.31
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1150 J	5080 J	2280 J	2220	1170	1630	2110
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	680	183 J	796 J	827 J	63.4	163	208
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.151	**0.235** J	**0.474** J	ND	0.007 J	0.002 J	0.013
7440-02-0	NICKEL	30	310	130	mg/Kg	15.1	24.6	**38.1**	13.3	8.41	11.6	19.4
7440-09-7	POTASSIUM	--	--	--	mg/Kg	887 J	744 J	1510 J	1100	999	711	1960
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.21 J	1.26 J	**78.1** J	0.892 J	0.72 J	0.75 J	0.91
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.325 J	0.72 J	**3.71** J	0.553	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	1020 J	383	297	166	147	152	145
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	96.7 J	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	10.09 J	31	31	19.6	13.4	11.9	19.2
7440-66-6	ZINC	109	10000	2480	mg/Kg	**304** J	**130**	42.7	34.1	24.2	25.1	24
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	0.711	0.511	0.074 J	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-14	MW-15	MW-15	MW-16	MW-16	MW-16	MW-16
					Sample ID:	MW-14(24-26)	MW-15(14-16)	MW-15-(28-30)	MW-16(6)	MW-16(8-10)	MW-16(14-16)	MW-16(28-30)
					Lab Sample Id:	A2752-08	A2679-02	A2679-03	A2567-01	A2710-06	A2710-04	A2710-05
					Depth:	24 - 26 ft	14 - 16 ft	28 - 30 ft	6 ft	8 - 10 ft	14 - 16 ft	28 - 30 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2752	A2679	A2679	A2567	A2710	A2710	A2710
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/14/2009 0:00	5/7/2009 0:00	5/7/2009 0:00	4/30/2009 0:00	5/12/2009 0:00	5/12/2009 0:00	5/12/2009 0:00
					Validated:	6/4/2009	6/1/2009	6/1/2009	5/26/2009	6/3/2009	6/3/2009	6/3/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	**39**	**9.3**	**1.1**	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	0.59 J	0.45 J	0.66 J	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	**9.6**	ND	**230**	**100**	**39**	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	4.7	ND	19	13	15	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	0.25 J	ND	**280**	**100**	**8.9**	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	0.9 J	ND	2.4	1.8 J	4.8 J	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	**1.3**	ND	**43**	**56** J	**12** J	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	0.39 J	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	**2.7**	**1.8**	0.5 J	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**ND**	**16.75**	**ND**	**616.69**	**282.74**	**81.96**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-14	MW-15	MW-15	MW-16	MW-16	MW-16	MW-16
					Sample ID:	MW-14(24-26)	MW-15(14-16)	MW-15-(28-30)	MW-16(6)	MW-16(8-10)	MW-16(14-16)	MW-16(28-30)
					Lab Sample Id:	A2752-08	A2679-02	A2679-03	A2567-01	A2710-06	A2710-04	A2710-05
					Depth:	24 - 26 ft	14 - 16 ft	28 - 30 ft	6 ft	8 - 10 ft	14 - 16 ft	28 - 30 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2752	A2679	A2679	A2567	A2710	A2710	A2710
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/14/2009 0:00	5/7/2009 0:00	5/7/2009 0:00	4/30/2009 0:00	5/12/2009 0:00	5/12/2009 0:00	5/12/2009 0:00
					Validated:	6/4/2009	6/1/2009	6/1/2009	5/26/2009	6/3/2009	6/3/2009	6/3/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	50	0.27 J	130	81	460	0.43
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	0.17 J	**33**	0.49	**37**	3.7 J	**87**	0.16 J
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	0.049 J	4.2	0.055 J	8.4	3.7 J	9.4	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	0.063 J	19	0.27 J	30	3.3 J	40	0.089 J
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	0.23 J	**12**	0.16 J	**19**	**2.2** J	**27**	0.066 J
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	0.15 J	**7.2**	0.097 J	**12**	**1.5** J	**17**	0.04 J
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	0.12 J	**6.5**	0.074 J	**17**	**1.6** J	**14**	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	0.057 J	3 J	ND	2.3 J	1 J	6.9	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	0.055 J	**1.9** J	ND	**3.9** J	ND	**4.6**	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	3.4 J	ND	11	4.8 J	21	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	0.43 J	0.11 J	ND	ND	ND	0.086 J
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	0.74 J	ND	2.3 J	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	0.21 J	**11**	0.14 J	**14**	**2.2** J	**23**	0.056 J
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**0.76** J	ND	**0.6** J	ND	**1.7** J	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	2.5 J	ND	**13**	1.5 J	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	0.37 J	20	0.28 J	45	4.6 J	51	0.12 J
86-73-7	FLUORENE	30	500	386	mg/Kg	0.056 J	19	0.15 J	24	5.7 J	**50**	0.095 J
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**2.4** J	ND	**2.7** J	**0.85** J	**5.9**	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	**100**	0.31 J	**290**	**100**	**780**	0.63
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	0.16 J	54	0.71	**130**	14	**200**	0.31 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	0.59	25	0.38 J	55	5.9 J	61	0.15 J
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**2.28**	**376.03**	**3.496**	**847.2**	**237.55**	**1859.5**	**2.232**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-14	MW-15	MW-15	MW-16	MW-16	MW-16	MW-16
					Sample ID:	MW-14(24-26)	MW-15(14-16)	MW-15-(28-30)	MW-16(6)	MW-16(8-10)	MW-16(14-16)	MW-16(28-30)
					Lab Sample Id:	A2752-08	A2679-02	A2679-03	A2567-01	A2710-06	A2710-04	A2710-05
					Depth:	24 - 26 ft	14 - 16 ft	28 - 30 ft	6 ft	8 - 10 ft	14 - 16 ft	28 - 30 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2752	A2679	A2679	A2567	A2710	A2710	A2710
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/14/2009 0:00	5/7/2009 0:00	5/7/2009 0:00	4/30/2009 0:00	5/12/2009 0:00	5/12/2009 0:00	5/12/2009 0:00
					Validated:	6/4/2009	6/1/2009	6/1/2009	5/26/2009	6/3/2009	6/3/2009	6/3/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	2440	3680	8920	6630	7110	3030	2820
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	0.81 J	0.87 J	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	0.39 J	0.29 J	ND	**25.7**	**25.7**	0.97	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	22.6	41.3	120	82.7	109	27.8	32.3
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.18 J	0.16 J	0.24 J	0.32	0.32	0.11 J	0.14 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.25	ND	0.14 J	**5.4**	1.95	0.21 J	0.2 J
7440-70-2	CALCIUM	--	--	--	mg/Kg	958	1210	1540	1380	10200	1440	740
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	12.5	15.3	27.3	23.6	24.5	10.9	13.7
7440-48-4	COBALT	--	--	--	mg/Kg	5.54	6.52	9.21	7.32	5.38	3.82	4.6
7440-50-8	COPPER	50	270	1720	mg/Kg	26.3	23	15.1	32.7	36	10.3	10.4
7439-89-6	IRON	--	--	--	mg/Kg	15300	14400	18100	27200	38600	10500	12300
7439-92-1	LEAD	63	1000	450	mg/Kg	2.36	6.85	3.52	**172**	**250**	10.8	2.32
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	963	1680	4080	2480	3090	1950	1420
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	226	137	377	85.9	149	76.6	128
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.004 J	0.022	0.007 J	0.066	0.083	0.003 J	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	16.7	14.6	20.1	17.3	14.3	14.3	13.7
7440-09-7	POTASSIUM	--	--	--	mg/Kg	744	1250	4080	2190	2320	1040	1180
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.93	1.14	0.81 J	1.58	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	0.15 J	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	170	180	422	ND	310	138	383
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	18.6	24	30.3	34	37.1	13.1	15
7440-66-6	ZINC	109	10000	2480	mg/Kg	17.1	45	39.1	**1990**	**179**	30.3	18.3
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	1.4	1.07	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-17	MW-17	MW-18	MW-18	MW-19	MW-19	MW-20
					Sample ID:	MW-17(14-16)	MW-17(22-24)	MW-18(14-16)	MW-18(22-24)	MW-19(16-18)	MW-19(28-30)	MW-20(14-16)
					Lab Sample Id:	A2710-01	A2710-02	A2710-09	A2710-10	A2819-01	A2819-02	A2752-01
					Depth:	14 - 16 ft	22 - 24 ft	14 - 16 ft	22 - 24 ft	16 - 18 ft	28 - 30 ft	14 - 16 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2710	A2710	A2710	A2710	A2819	A2819	A2752
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/11/2009 0:00	5/11/2009 0:00	5/12/2009 0:00	5/12/2009 0:00	5/18/2009 0:00	5/18/2009 0:00	5/13/2009 0:00
					Validated:	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/11/2009	6/11/2009	6/4/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	R	R	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	**0.92** J	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	0.81 J	ND	2.5 J	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.041 J	ND	**8.7**	ND	**94**	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	0.041 J	ND	1.6	ND	13	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	0.04 J	ND	**2.4**	ND	**13**	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	0.31 J	ND	6.2 J	ND	13 J	0.0089 J	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	0.031 J	ND	**2.9**	ND	**21**	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	0.01 J	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	0.027 J	ND	ND	ND	0.59 J	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.49**	**0.01**	**23.53**	**ND**	**157.09**	**0.0089**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-17	MW-17	MW-18	MW-18	MW-19	MW-19	MW-20
					Sample ID:	MW-17(14-16)	MW-17(22-24)	MW-18(14-16)	MW-18(22-24)	MW-19(16-18)	MW-19(28-30)	MW-20(14-16)
					Lab Sample Id:	A2710-01	A2710-02	A2710-09	A2710-10	A2819-01	A2819-02	A2752-01
					Depth:	14 - 16 ft	22 - 24 ft	14 - 16 ft	22 - 24 ft	16 - 18 ft	28 - 30 ft	14 - 16 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2710	A2710	A2710	A2710	A2819	A2819	A2752
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/11/2009 0:00	5/11/2009 0:00	5/12/2009 0:00	5/12/2009 0:00	5/18/2009 0:00	5/18/2009 0:00	5/13/2009 0:00
					Validated:	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/11/2009	6/11/2009	6/4/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	3.9	0.16 J	200	0.3 J	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	2	0.15 J	2.1	0.083 J	**110**	0.26 J	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.053 J	0.33 J	ND	8.5	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	1.7	0.11 J	3	0.048 J	51	0.13 J	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	0.96	0.12 J	**2.1**	ND	**35**	0.06 J	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	0.61	0.073 J	0.51	ND	**22**	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	0.62	0.089 J	0.57	ND	**19**	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	0.28 J	ND	0.19 J	ND	9.1	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	0.22 J	ND	0.16 J	ND	**6.7** J	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	0.57	ND	21	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	0.067 J	ND	ND	ND	0.091 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	0.83	0.091 J	**1.8**	ND	**31**	0.059 J	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	0.097 J	ND	0.068 J	ND	**2.5** J	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	0.047 J	ND	ND	**7.2** J	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	1.6	0.17 J	1.7	ND	48	0.12 J	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	2.4 J	0.11 J	1.4	0.048 J	**44**	0.12 J	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	0.23 J	ND	0.12 J	ND	**7** J	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	0.087 J	**15**	0.31 J	**580**	0.69	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	4.1	0.26 J	7.3	0.14 J	**160**	0.35 J	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	2.2	0.22 J	4	0.051 J	74	0.16 J	ND
	TOTAL SVOCS	--	--	--	**mg/kg**	**17.847**	**1.647**	**44.818**	**0.84**	**1436**	**2.34**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-17	MW-17	MW-18	MW-18	MW-19	MW-19	MW-20
					Sample ID:	MW-17(14-16)	MW-17(22-24)	MW-18(14-16)	MW-18(22-24)	MW-19(16-18)	MW-19(28-30)	MW-20(14-16)
					Lab Sample Id:	A2710-01	A2710-02	A2710-09	A2710-10	A2819-01	A2819-02	A2752-01
					Depth:	14 - 16 ft	22 - 24 ft	14 - 16 ft	22 - 24 ft	16 - 18 ft	28 - 30 ft	14 - 16 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2710	A2710	A2710	A2710	A2819	A2819	A2752
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/11/2009 0:00	5/11/2009 0:00	5/12/2009 0:00	5/12/2009 0:00	5/18/2009 0:00	5/18/2009 0:00	5/13/2009 0:00
					Validated:	6/3/2009	6/3/2009	6/3/2009	6/3/2009	6/11/2009	6/11/2009	6/4/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	5840	6680	13400	2930	3840	2850	3360
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	0.54 J	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	0.99	ND	0.75 J	ND	ND	ND	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	50.1	76.7	169	22.8	35.1	29.5	46.7
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.21 J	0.28	0.46	0.18 J	0.23 J	0.11 J	0.15 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.32	0.49	1.31	ND	0.31	ND	0.11 J
7440-70-2	CALCIUM	--	--	--	mg/Kg	1630	1150	926	555	782 J	553 J	1070
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	17.8	22.9	**32**	7.99	19.3	9.25	11.2
7440-48-4	COBALT	--	--	--	mg/Kg	11.7	6.93	10.6	3.81	8.54	4.34	4.32
7440-50-8	COPPER	50	270	1720	mg/Kg	13	13.1	18.7	6.24	12.2	5.47	13.4
7439-89-6	IRON	--	--	--	mg/Kg	10300	18100	31700	7080	17800 J	7630 J	12100
7439-92-1	LEAD	63	1000	450	mg/Kg	15	3.24	4.48	1.05	6.56	1.66	2.26
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2430	2900	5460	1030	1790 J	1480 J	1550
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	82.9	245	222	49.1	164 J	67.6 J	215
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.008 J	0.007 J	ND	ND	0.008 J	ND	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	**35.8**	22.4	25	11.8	**56.1**	12.8	9.09
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1420	2470	6680	684	1150	948	1440
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	ND	ND	1.06	0.85	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	0.15 J
7440-23-5	SODIUM	--	--	--	mg/Kg	126	156	185	126	206	131	160
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	18.5	28.5	46	9.25	18.7	9.84	13.6
7440-66-6	ZINC	109	10000	2480	mg/Kg	**129**	32.9	65.7	32.2	22.7	14.1	20.8
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						MW-20(14-16)						
					Location ID:	MW-20	MW-20	MW-21	MW-21	MW-22	MW-22	MW-23
					Sample ID:	MW-20(14-16)DUP	MW-20(22-24)	MW-21(12-14)	MW-21(20-22)	SB-22(9-11)	SB-22(17-19)	MW-23(21-23)
					Lab Sample Id:	A2752-02	A2752-03	A2819-04	A2819-05	D1616-05	D1616-06	C3584-07
					Depth:	14 - 16 ft	22 - 24 ft	12 - 14 ft	20 - 22 ft	9 - 11 ft	17 - 19 ft	21 - 23 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2752	A2752	A2819	A2819	D1616	D1616	C3584
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/13/2009 0:00	5/13/2009 0:00	5/19/2009 0:00	5/19/2009 0:00	2/22/2012 13:40	2/22/2012 14:00	9/1/2011 11:00
					Validated:	6/4/2009	6/4/2009	6/11/2009	6/11/2009	4/2/2012	4/2/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	R	R	ND	**0.46** J	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	**44**	**0.27** J	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.07 J	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	**310**	**14**	**8.6**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	24 J	0.7 J	2.4 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	**110**	**2.1** J	**6** J
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.026 J	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	**1.7** J	**2.3** J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg					**280**	**11**	
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg					**48**	1.6 J	
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg					**35**	0.29 J	
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg					ND	0.032 J	
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**ND**	**ND**	**ND**	**ND**	**851**	**32.248**	**19.3**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

						MW-20(14-16)						
Consolidated Edison					Location ID:	MW-20	MW-20	MW-21	MW-21	MW-22	MW-22	MW-23
Farrington Street Remedial Investigation					Sample ID:	MW-20(14-16)DUP	MW-20(22-24)	MW-21(12-14)	MW-21(20-22)	SB-22(9-11)	SB-22(17-19)	MW-23(21-23)
2009-2015 Soil Analytical Data					Lab Sample Id:	A2752-02	A2752-03	A2819-04	A2819-05	D1616-05	D1616-06	C3584-07
Detected Compounds Only					Depth:	14 - 16 ft	22 - 24 ft	12 - 14 ft	20 - 22 ft	9 - 11 ft	17 - 19 ft	21 - 23 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2752	A2752	A2819	A2819	D1616	D1616	C3584
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/13/2009 0:00	5/13/2009 0:00	5/19/2009 0:00	5/19/2009 0:00	2/22/2012 13:40	2/22/2012 14:00	9/1/2011 11:00
					Validated:	6/4/2009	6/4/2009	6/11/2009	6/11/2009	4/2/2012	4/2/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	0.29 J	350	120	45
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	ND	0.2 J	**74**	**95**	**80**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	ND	35	20	5.7 J
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	ND	0.096 J	**120**	97	32
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	ND	0.086 J	**62**	**52**	**28**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	ND	0.062 J	**38**	**38**	**19**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	ND	0.071 J	**32**	**32**	**16**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	ND	17	16	8.6
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	ND	**10**	**9.4**	**5.5** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	33	21	6.8
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	3 J	1.6 J	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	ND	0.099 J	**59**	**46**	**24**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	**3.8** J	**3.1**	**2.4** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	**13**	5.7	3.4 J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	ND	ND	0.16 J	**110**	**110**	39
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	ND	0.078 J	**120**	**71**	**34**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	ND	**14**	**13**	**7.3**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	ND	0.58	**1000**	**250**	**120**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	ND	0.048 J	0.37 J	**440**	**320**	**120**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	ND	ND	0.25 J	**190**	**180**	56
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**ND**	**0.048**	**2.342**	**2723.8**	**1500.8**	**652.7**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						MW-20(14-16)						
					Location ID:	MW-20	MW-20	MW-21	MW-21	MW-22	MW-22	MW-23
					Sample ID:	MW-20(14-16)DUP	MW-20(22-24)	MW-21(12-14)	MW-21(20-22)	SB-22(9-11)	SB-22(17-19)	MW-23(21-23)
					Lab Sample Id:	A2752-02	A2752-03	A2819-04	A2819-05	D1616-05	D1616-06	C3584-07
					Depth:	14 - 16 ft	22 - 24 ft	12 - 14 ft	20 - 22 ft	9 - 11 ft	17 - 19 ft	21 - 23 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2752	A2752	A2819	A2819	D1616	D1616	C3584
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/13/2009 0:00	5/13/2009 0:00	5/19/2009 0:00	5/19/2009 0:00	2/22/2012 13:40	2/22/2012 14:00	9/1/2011 11:00
					Validated:	6/4/2009	6/4/2009	6/11/2009	6/11/2009	4/2/2012	4/2/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	3650	2650	8630	5330	2430	6380	3740
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	2.9	0.96 J	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	ND	ND	0.66 J	ND	10.6	10.5	0.49 J
7440-39-3	BARIUM	350	400	820	mg/Kg	49.3	34.3	51.5	55.4	45.8	47.9	38.3
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.15 J	0.11 J	0.35	0.21 J	ND	0.274 J	0.17 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.13 J	0.1 J	0.2 J	0.83	1.42	1.35	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	1040	777	620 J	884 J	13400 J	9860 J	680
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	11.7	9.43	20	15.5	9.65 J	16.3 J	11.2
7440-48-4	COBALT	--	--	--	mg/Kg	4.62	3.45	5.62	5.29	5.67	6.81	4.07
7440-50-8	COPPER	50	270	1720	mg/Kg	12.7	12.2	12.8	14	**86.1**	**54.4**	12.2
7439-89-6	IRON	--	--	--	mg/Kg	11800	9940	15700 J	14400 J	32900	29000	9440
7439-92-1	LEAD	63	1000	450	mg/Kg	2.77	10.2	5.87	14	**598**	**145**	1.7 J
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1670	1200	2260 J	1930 J	1670	3280	1450
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	230	136	92.8 J	102 J	128	214	90.8
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	0.004 J	0.052	ND	**0.188**	**2.12**	0.004 J
7440-02-0	NICKEL	30	310	130	mg/Kg	9.17	8.68	11.5	11.4	15.3	15.2	11.1
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1620	1070	799	1580	ND	1360	1290
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	0.88	0.93	2.76	2.89	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	1.65	1.4	0.34 J
7440-23-5	SODIUM	--	--	--	mg/Kg	194	147	254	243	ND	2200	189
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	14.3	11.1	24.9	21.2	14.3	21.6	11.9
7440-66-6	ZINC	109	10000	2480	mg/Kg	21.5	21.4	28	28.2	72.9	**125**	21
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	7.2	**33**	0.103 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-23	MW-24	MW-24	MW-24	MW-25	MW-25	MW-25
					Sample ID:	MW-23(39-41)	MW-24(17-19)	MW-24(38-40)	MW-24(41-42)	MW-25(13-15)	MW-25(31-33)	MW-25(43-45)
					Lab Sample Id:	C3584-08	C3584-04	C3584-05	C3584-06	C3816-01	C3816-02	C3816-03
					Depth:	39 - 41 ft	17 - 19 ft	38 - 40 ft	41 - 42 ft	13 - 15 ft	31 - 33 ft	43 - 45 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3584	C3584	C3584	C3584	C3816	C3816	C3816
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/1/2011 1:45	8/30/2011 10:00	8/31/2011 11:30	8/31/2011 1:30	9/20/2011 11:00	9/20/2011 2:20	9/21/2011 11:35
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	R	R	ND	R	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	0.0014 J	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	0.0013 J	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	0.0031 J	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.0017 J	0.01	**40**	ND	0.54 J	**2.6**	0.41 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.024	1.9	ND	0.4 J	1.3 J	0.29 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	**7.4**	ND	0.034 J	**1.3** J	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	0.015	ND	ND	0.12 J	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	0.0041 J	0.0054 J	ND	0.0036 J	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	0.0022 J	**5.9**	ND	0.084 J	**2** J	0.24 J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.0058**	**0.0624**	**55.2**	**0.0036**	**1.178**	**7.2**	**0.94**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-23	MW-24	MW-24	MW-24	MW-25	MW-25	MW-25
					Sample ID:	MW-23(39-41)	MW-24(17-19)	MW-24(38-40)	MW-24(41-42)	MW-25(13-15)	MW-25(31-33)	MW-25(43-45)
					Lab Sample Id:	C3584-08	C3584-04	C3584-05	C3584-06	C3816-01	C3816-02	C3816-03
					Depth:	39 - 41 ft	17 - 19 ft	38 - 40 ft	41 - 42 ft	13 - 15 ft	31 - 33 ft	43 - 45 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3584	C3584	C3584	C3584	C3816	C3816	C3816
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/1/2011 1:45	8/30/2011 10:00	8/31/2011 11:30	8/31/2011 1:30	9/20/2011 11:00	9/20/2011 2:20	9/21/2011 11:35
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	0.81	2.5	ND	45	130	26
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	1.5	2.2	ND	**31**	**180**	**89**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.12 J	0.18 J	ND	1.6	14	6.7
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	1.1	1	ND	16	73	33
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.75	0.83	ND	**12**	**61**	**29**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.49	0.61	ND	**7.3**	**42**	**20**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.34 J	0.47	ND	**7.1**	**36**	**17**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.19 J	0.26 J	ND	3.5	21	8.2
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	0.17 J	0.17 J	ND	**2**	**14**	**4.7**
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	0.44	ND	1.6	33	17
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	0.062 J	0.088 J	0.1 J	0.052 J	ND	ND	0.18 J
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	0.56 J	1.5 J	0.71 J
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.75	0.81	ND	**11**	**57**	**26**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	**0.8** J	**3.9** J	**1.9**
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	0.11 J	0.1 J	ND	2.8	**7.1**	5.2
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	1.1	1.3	ND	19	100	44
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	0.76	0.96	ND	14	**74**	**35**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	0.16 J	0.21 J	ND	**3.5**	**17**	**8**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	0.12 J	9.5	ND	**100**	**550**	**88**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	2.9	3	ND	47	**230**	**120**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	0.056 J	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	1.6	1.7	ND	25	**130**	64
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.062**	**13.058**	**26.34**	**0.108**	**350.76**	**1774.5**	**643.59**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-23	MW-24	MW-24	MW-24	MW-25	MW-25	MW-25
					Sample ID:	MW-23(39-41)	MW-24(17-19)	MW-24(38-40)	MW-24(41-42)	MW-25(13-15)	MW-25(31-33)	MW-25(43-45)
					Lab Sample Id:	C3584-08	C3584-04	C3584-05	C3584-06	C3816-01	C3816-02	C3816-03
					Depth:	39 - 41 ft	17 - 19 ft	38 - 40 ft	41 - 42 ft	13 - 15 ft	31 - 33 ft	43 - 45 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3584	C3584	C3584	C3584	C3816	C3816	C3816
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/1/2011 1:45	8/30/2011 10:00	8/31/2011 11:30	8/31/2011 1:30	9/20/2011 11:00	9/20/2011 2:20	9/21/2011 11:35
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	4170	2250	1740	3370	6310	6000	2080
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.72	0.48 J	ND	1.45	1.65	1.14	0.526 J
7440-39-3	BARIUM	350	400	820	mg/Kg	53.3	25.4	19.2	37.2	68.3	67.2	12
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.32	ND	ND	0.27 J	0.22 J	0.18 J	0.14 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	ND	ND	ND	0.881	0.845	0.282
7440-70-2	CALCIUM	--	--	--	mg/Kg	1070	552	1230	669	900	763	1050
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	14.6	8.51	9.04	16	19.9 J	19.2 J	5.03 J
7440-48-4	COBALT	--	--	--	mg/Kg	7.75	3.77	2.14	7.96	6.62	7.48	2.14
7440-50-8	COPPER	50	270	1720	mg/Kg	16.8	8.15	5.99	10	10.6 J	10.5 J	4.11 J
7439-89-6	IRON	--	--	--	mg/Kg	12600	9370	5950	11200	15900	15100	5090
7439-92-1	LEAD	63	1000	450	mg/Kg	5.99 J	1 J	1 J	4.05 J	5.95	5.92	1.13
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1960	884	775	1320	2740	2600	1000
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	244	88.2	63.4	282	155	183	80.3
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.01 J	0.002 J	0.006 J	0.008 J	0.021	0.003 J	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	15.1	7.41	7.36	10.9	18.9	16.5	4.68
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1460	967	711	1040	2740	2620	344
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.4 J	0.32 J	0.3 J	0.33 J	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	167	140	191	298	195 J	440 J	145 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	17.5	10.3	6.81	15.3	23.7	22.9	8.43
7440-66-6	ZINC	109	10000	2480	mg/Kg	34.9	15.6	14.6	27.4	34.2	30.4	12
57-12-5	CYANIDE	27	27	40	mg/Kg	0.082 J	0.181 J	0.246 J	ND	0.792	0.351	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-25	MW-26	MW-26	MW-26	MW-27	MW-27	MW-28
					Sample ID:	MW-25(53-55)	MW-26(12-14)	MW-26(22-24)	MW-26(26-28)	MW-27(13-15)	MW-27(23-25)	MW-28(11-13)
					Lab Sample Id:	C3816-04	C3584-01	C3584-02	C3584-03	C3769-05	C3769-06	C3769-07
					Depth:	53 - 55 ft	12 - 14 ft	22 - 24 ft	26 - 28 ft	13 - 15 ft	23 - 25 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3816	C3584	C3584	C3584	C3769	C3769	C3769
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/21/2011 2:45	8/25/2011 11:20	8/25/2011 1:20	8/25/2011 2:45	9/15/2011 10:55	9/15/2011 12:00	9/16/2011 11:45
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	R	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	**4** J	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.45 J	5.5 J	ND	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	0.33 J	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	0.0036 J	0.0052 J	0.0049 J	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	0.005 J	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**ND**	**0.78**	**9.5**	**0.0086**	**0.0052**	**0.0049**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-25	MW-26	MW-26	MW-26	MW-27	MW-27	MW-28
					Sample ID:	MW-25(53-55)	MW-26(12-14)	MW-26(22-24)	MW-26(26-28)	MW-27(13-15)	MW-27(23-25)	MW-28(11-13)
					Lab Sample Id:	C3816-04	C3584-01	C3584-02	C3584-03	C3769-05	C3769-06	C3769-07
					Depth:	53 - 55 ft	12 - 14 ft	22 - 24 ft	26 - 28 ft	13 - 15 ft	23 - 25 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3816	C3584	C3584	C3584	C3769	C3769	C3769
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/21/2011 2:45	8/25/2011 11:20	8/25/2011 1:20	8/25/2011 2:45	9/15/2011 10:55	9/15/2011 12:00	9/16/2011 11:45
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	1.5	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	19	**87**	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	0.046 J	1.3	14	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	0.073 J	8.9	42	0.065 J	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**6.6**	**28**	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**4.4**	**18**	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**3.9**	**13**	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	0.085 J	2.2	6.9	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	**1.2** J	**5.1** J	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	0.23 J	8.7	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	0.27 J	ND	0.055 J	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**6.4**	**28**	0.057 J	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**0.45** J	**2.1** J	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	1.6	4.5 J	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	10	39	0.073 J	ND	ND	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	9	11	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**1.6**	**6**	ND	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	0.74 J	ND	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	27	**150**	0.19 J	ND	ND	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	0.053 J	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	13	66	0.11 J	ND	ND	ND
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.204**	**118.55**	**530.04**	**0.603**	**ND**	**ND**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-25	MW-26	MW-26	MW-26	MW-27	MW-27	MW-28
					Sample ID:	MW-25(53-55)	MW-26(12-14)	MW-26(22-24)	MW-26(26-28)	MW-27(13-15)	MW-27(23-25)	MW-28(11-13)
					Lab Sample Id:	C3816-04	C3584-01	C3584-02	C3584-03	C3769-05	C3769-06	C3769-07
					Depth:	53 - 55 ft	12 - 14 ft	22 - 24 ft	26 - 28 ft	13 - 15 ft	23 - 25 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3816	C3584	C3584	C3584	C3769	C3769	C3769
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/21/2011 2:45	8/25/2011 11:20	8/25/2011 1:20	8/25/2011 2:45	9/15/2011 10:55	9/15/2011 12:00	9/16/2011 11:45
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	5730	2730	2170	4250	12900	5060	3270
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.66	1.59	3.19	ND	0.851 J	0.883 J	0.906
7440-39-3	BARIUM	350	400	820	mg/Kg	41.2	24.8	24.4	48.4	171 J	56.8 J	35.4 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.378	0.14 J	0.07 J	0.1 J	0.374	0.176 J	0.119 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.742	ND	ND	ND	0.106 J	ND	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	1330	12600	724	1130	1260	1060	596
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	20.2 J	9.27	7.54	13.2	**33.3**	18.2	9.43
7440-48-4	COBALT	--	--	--	mg/Kg	9.2	5.78	2.65	4.88	15.7	6.48	4
7440-50-8	COPPER	50	270	1720	mg/Kg	15.4 J	15.4	9.64	13.7	21	12.2	11.4
7439-89-6	IRON	--	--	--	mg/Kg	13400	8920	7390	9440	29700	13600	9770
7439-92-1	LEAD	63	1000	450	mg/Kg	4.3	2.58 J	2.09 J	1.44 J	7.12	4.47	2.96
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1920	7230	996	1690	5610	2340	1170
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	146	132	207	163	390	211	89.7
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	0.003 J	0.005 J	0.007 J	ND	ND	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	16.5	8.91	8.25	12.1	28.2	18.9	8.4
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1270	904	900	1700	7380 J	2120 J	1260 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.439 J	ND	ND	ND	ND	ND	0.561 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	0.3 J	0.24 J	0.3 J	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	179 J	511	569	304	315 J	352 J	299 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	33.4	13	8.37	16.7	45.8	20.6	12.3
7440-66-6	ZINC	109	10000	2480	mg/Kg	31.3	18.8	13.9	19.4	70.5	26.9	18.3
57-12-5	CYANIDE	27	27	40	mg/Kg	0.051 J	0.148 J	0.058 J	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only										MW-30(29-31)		
					Location ID:	MW-28	MW-29	MW-29	MW-30	MW-30	MW-30	MW-41
					Sample ID:	MW-28(23-25)	MW-29(15-17)	MW-29(37-39)	MW-30(29-31)	MW-30A(29-31)	MW-30(33-35)	MW-41(12-14)-20150120
					Lab Sample Id:	C3769-08	C3584-09	C3666-01	C3666-02	C3666-03	C3666-04	G1159-09
					Depth:	23 - 25 ft	15 - 17 ft	37 - 39 ft	29 - 31 ft	29 - 31 ft	33 - 35 ft	12 - 14 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3769	C3584	C3666	C3666	C3666	C3666	G1159
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/16/2011 1:00	9/2/2011 11:40	9/6/2011 10:40	9/7/2011 2:00	9/7/2011 2:10	9/8/2011 10:00	1/20/2015 8:30
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	**0.14**
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.0049 J
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	0.27 J	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.57 J	ND	ND	ND	ND	0.004 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	0.0332 J
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	0.0052 J	ND	ND	ND	ND	ND	0.0109
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	0.0014 J	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.0052**	**0.84**	**0.0014**	**ND**	**ND**	**ND**	**0.193**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-28	MW-29	MW-29	MW-30	MW-30(29-31) MW-30	MW-30	MW-41
					Sample ID:	MW-28(23-25)	MW-29(15-17)	MW-29(37-39)	MW-30(29-31)	MW-30A(29-31)	MW-30(33-35)	MW-41(12-14)-20150120
					Lab Sample Id:	C3769-08	C3584-09	C3666-01	C3666-02	C3666-03	C3666-04	G1159-09
					Depth:	23 - 25 ft	15 - 17 ft	37 - 39 ft	29 - 31 ft	29 - 31 ft	33 - 35 ft	12 - 14 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3769	C3584	C3666	C3666	C3666	C3666	G1159
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/16/2011 1:00	9/2/2011 11:40	9/6/2011 10:40	9/7/2011 2:00	9/7/2011 2:10	9/8/2011 10:00	1/20/2015 8:30
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	11 J	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	3.2	ND	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.24 J	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	1.7	ND	ND	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	1	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.64	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.53	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.29 J	ND	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	0.22 J	ND	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	0.28 J	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	0.34 J	ND	0.093 J	0.097 J	0.15 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.98	ND	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	0.077 J	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	0.25 J	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.18 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	1.7	ND	ND	ND	ND	0.19 J
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	1.9	ND	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	0.23 J	ND	ND	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	7.5	ND	ND	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	6.3	ND	ND	ND	ND	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	0.054 J	ND	ND	ND	ND	0.16 J
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	2.2	ND	ND	ND	ND	0.15 J
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**40.631**	**ND**	**0.093**	**0.097**	**0.15**	**0.68**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only													
					Location ID:	MW-28	MW-29	MW-29	MW-30	MW-30	MW-30	MW-41
					Sample ID:	MW-28(23-25)	MW-29(15-17)	MW-29(37-39)	MW-30(29-31)	MW-30A(29-31)	MW-30(33-35)	MW-41(12-14)-20150120
					Lab Sample Id:	C3769-08	C3584-09	C3666-01	C3666-02	C3666-03	C3666-04	G1159-09
					Depth:	23 - 25 ft	15 - 17 ft	37 - 39 ft	29 - 31 ft	29 - 31 ft	33 - 35 ft	12 - 14 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3769	C3584	C3666	C3666	C3666	C3666	G1159
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/16/2011 1:00	9/2/2011 11:40	9/6/2011 10:40	9/7/2011 2:00	9/7/2011 2:10	9/8/2011 10:00	1/20/2015 8:30
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	4250	4710	5380	4210	4000	2170	7170
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.51	ND	1.09 J	0.745 J	1.54	0.537 J	5.95
7440-39-3	BARIUM	350	400	820	mg/Kg	46.7 J	47.4	46.8	45.3	42.7	19.1	69.4
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.168 J	0.13 J	0.249 J	0.13 J	0.11 J	0.067 J	0.483
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.1 J	ND	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	714	2960	606	750	755	1500	5860
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	19.6	18.3	15.8	15.8	17	7.8	25.9
7440-48-4	COBALT	--	--	--	mg/Kg	6.94	5.59	8.42	5.26	4.98	2.8	5.32
7440-50-8	COPPER	50	270	1720	mg/Kg	18	12	9.83 J	8.47 J	8.86 J	4.44 J	44.9 J+
7439-89-6	IRON	--	--	--	mg/Kg	17000	11000	14200	11800	11500	6530	14600
7439-92-1	LEAD	63	1000	450	mg/Kg	4.92	7.04 J	3.63	3.56	7.95	2.41	**383**
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1590	3120	1980	1870	1760	938	3160
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	302	121	214	113	108	61.7	183 J+
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	0.056	ND	ND	0.002 J	0.018	0.093
7440-02-0	NICKEL	30	310	130	mg/Kg	15.8	16.8	13.5	17	16.3	9.64	16.3
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1550 J	2130	1900	1740	1630	642	1390
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.764 J	ND	ND	ND	ND	ND	0.704 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	0.36 J	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	384 J	195	ND	ND	ND	ND	3100
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	20.6	17	18.7	16.2	15.9	9.18	30.3
7440-66-6	ZINC	109	10000	2480	mg/Kg	26.9	32	28.7	24.4	22.3	16	**176**
57-12-5	CYANIDE	27	27	40	mg/Kg	0.069 J	0.127 J	ND	0.056 J	0.081 J	0.066 J	0.128 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-41	SB-17	SB-17	SB-18	SB-18	SB-18(18-22)	SB-19
					Sample ID:	MW-41(28-30)-20150120	SB-17(13-18)	SB-17(28-33)	SB-18(8-13)	SB-18(18-22)	SB-18(8-13)D	SB-19(13-18)
					Lab Sample Id:	G1159-10	A2876-01	A2876-04	A2915-01	A2915-03	A2915-02	A2876-05
					Depth:	28 - 30 ft	13 - 18 ft	28 - 33 ft	8 - 13 ft	18 - 22 ft	8 - 13 ft	13 - 18 ft
					Source:	CTECH	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	G1159	A2876	A2876	A2915	A2915	A2915	A2876
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/20/2015 11:00	5/21/2009 0:00	5/21/2009 0:00	5/26/2009 0:00	5/26/2009 0:00	5/26/2009 0:00	5/21/2009 0:00
					Validated:	2/25/2015	6/24/2009	6/24/2009	6/25/2009	6/25/2009	6/25/2009	6/24/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	**2** J	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	0.005 J	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.53 J
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	**38**	ND	ND	ND	ND	**78**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	29	ND	ND	ND	ND	14
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	**6.5** J	ND	ND	ND	ND	**1.2** J
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	4.8	ND	ND	ND	ND	2.9
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	**12**	ND	ND	ND	ND	**9.3**
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	0.033	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.005**	**92.3**	**0.033**	**ND**	**ND**	**ND**	**105.93**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	MW-41	SB-17	SB-17	SB-18	SB-18	SB-18(18-22)	SB-19
					Sample ID:	MW-41(28-30)-20150120	SB-17(13-18)	SB-17(28-33)	SB-18(8-13)	SB-18(18-22)	SB-18(8-13)D	SB-19(13-18)
					Lab Sample Id:	G1159-10	A2876-01	A2876-04	A2915-01	A2915-03	A2915-02	A2876-05
					Depth:	28 - 30 ft	13 - 18 ft	28 - 33 ft	8 - 13 ft	18 - 22 ft	8 - 13 ft	13 - 18 ft
					Source:	CTECH	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	G1159	A2876	A2876	A2915	A2915	A2915	A2876
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/20/2015 11:00	5/21/2009 0:00	5/21/2009 0:00	5/26/2009 0:00	5/26/2009 0:00	5/26/2009 0:00	5/21/2009 0:00
					Validated:	2/25/2015	6/24/2009	6/24/2009	6/25/2009	6/25/2009	6/25/2009	6/24/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	280	1.1	ND	ND	ND	150
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	**44**	0.19 J	ND	ND	ND	**96**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	7.9	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	21 J	0.092 J	ND	ND	ND	42 J
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**12** J	0.061 J	ND	ND	ND	**34**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**8.3** J	ND	ND	ND	ND	**24**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**7.6** J	ND	ND	ND	ND	**21**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	3.7 J	ND	0.04 J	ND	ND	9.2
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	**1.9** J	ND	ND	ND	ND	**6.1** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	16	0.069 J	ND	ND	ND	14
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	1.6 J
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**11** J	0.056 J	ND	ND	ND	**34**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**0.97** J	ND	ND	ND	ND	**2.2** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	3.3 J	ND	ND	ND	ND	5 J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	0.15 J	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	21 J	0.1 J	ND	ND	ND	57 J
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	25	0.11 J	ND	ND	ND	**42**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**2.7** J	ND	ND	ND	ND	**7.1** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	**430**	1.4	ND	ND	ND	**290**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	67	0.35 J	ND	ND	ND	**130**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	0.19 J	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	30 J	0.15 J	ND	ND	ND	70
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.34**	**993.37**	**3.678**	**0.04**	**ND**	**ND**	**1035.2**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only													
					Location ID:	MW-41	SB-17	SB-17	SB-18	SB-18	SB-18(18-22)	SB-18	SB-19
					Sample ID:	MW-41(28-30)-20150120	SB-17(13-18)	SB-17(28-33)	SB-18(8-13)	SB-18(18-22)	SB-18(8-13)D	SB-19(13-18)
					Lab Sample Id:	G1159-10	A2876-01	A2876-04	A2915-01	A2915-03	A2915-02	A2876-05
					Depth:	28 - 30 ft	13 - 18 ft	28 - 33 ft	8 - 13 ft	18 - 22 ft	8 - 13 ft	13 - 18 ft
					Source:	CTECH	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	G1159	A2876	A2876	A2915	A2915	A2915	A2876
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/20/2015 11:00	5/21/2009 0:00	5/21/2009 0:00	5/26/2009 0:00	5/26/2009 0:00	5/26/2009 0:00	5/21/2009 0:00
					Validated:	2/25/2015	6/24/2009	6/24/2009	6/25/2009	6/25/2009	6/25/2009	6/24/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	13900	5750	2330	4510	6740	4800	3350
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	0.61 J	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	9.63	0.67 J	ND	0.56 J	0.7 J	0.7 J	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	31.7	69.9	32.7	40.3	83.9	38.5	36.1
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	1.03	0.23 J	0.08 J	0.26	0.24 J	0.28	0.15 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	0.41	ND	0.41	0.42	0.36	0.05 J
7440-70-2	CALCIUM	--	--	--	mg/Kg	2510	1530 J	661 J	877	918	686	4800 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**36**	18.4	7.98	13.1	22.2	13.7	11.2
7440-48-4	COBALT	--	--	--	mg/Kg	12.8	7.51	3.96	4.22	9.33	4.98	4.61
7440-50-8	COPPER	50	270	1720	mg/Kg	10.1 J+	14.5	12.3	17.1	14.3	15.9	15
7439-89-6	IRON	--	--	--	mg/Kg	36400	17900 J	9290 J	13200 J	15600 J	14700 J	13700 J
7439-92-1	LEAD	63	1000	450	mg/Kg	20.4	5.33 J	1.14 J	6.38	4.78	4.19	6.88 J
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	7710	2770	1010	1570	3440	1610	3270
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	560 J+	196 J	79.3 J	116	366	119	204 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.02	0.008 J	ND	0.023 J	ND	0.008 J	0.003 J
7440-02-0	NICKEL	30	310	130	mg/Kg	29.1	17.2	9.41	10.5	27.7	11	10.8
7440-09-7	POTASSIUM	--	--	--	mg/Kg	3660	2800	866	1640	3480	1600	1120
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.802 J	0.73 J	0.94	ND	ND	ND	0.79
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	5600	137	93.3	56.9 J	191	54.3 J	61.8 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	0.26 J	0.46 J	0.62 J	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	38.8	24.2	8.95	18.6	23.5	19.5	15.7
7440-66-6	ZINC	109	10000	2480	mg/Kg	84.9	59.9	11.6	35	36.1	42.5	18
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only													
					Location ID:	SB-19	SB-21	SB-21	SB-21(28-33)	SB-22	SB-22	SB-23
					Sample ID:	SB-19(28-33)	SB-21(13-18)	SB-21(28-33)	SB-21(28-33)DUP	SB-22(16-18)	SB-22(26-28)	SB-23(13-18)
					Lab Sample Id:	A2876-06	A2876-10	A2876-13	A2876-14	A2785-01	A2785-02	A2915-05
					Depth:	28 - 33 ft	13 - 18 ft	28 - 33 ft	28 - 33 ft	16 - 18 ft	26 - 28 ft	13 - 18 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2876	A2876	A2876	A2876	A2785	A2785	A2915
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/21/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/15/2009 0:00	5/15/2009 0:00	5/26/2009 0:00
					Validated:	6/24/2009	6/24/2009	6/24/2009	6/24/2009	6/5/2009	6/5/2009	6/25/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	R	R	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.0083 J	ND	ND	ND	**33**	ND	0.028 J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	1.2 J	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	**160**	ND	0.19
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	15	ND	0.012 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	**6.7**	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	3.7	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	**41**	ND	0.065
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	0.34 J	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.0083**	**ND**	**ND**	**ND**	**260.94**	**ND**	**0.295**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-19	SB-21	SB-21	SB-21(28-33) SB-21	SB-22	SB-22	SB-23
					Sample ID:	SB-19(28-33)	SB-21(13-18)	SB-21(28-33)	SB-21(28-33)DUP	SB-22(16-18)	SB-22(26-28)	SB-23(13-18)
					Lab Sample Id:	A2876-06	A2876-10	A2876-13	A2876-14	A2785-01	A2785-02	A2915-05
					Depth:	28 - 33 ft	13 - 18 ft	28 - 33 ft	28 - 33 ft	16 - 18 ft	26 - 28 ft	13 - 18 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2876	A2876	A2876	A2876	A2785	A2785	A2915
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/21/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/15/2009 0:00	5/15/2009 0:00	5/26/2009 0:00
					Validated:	6/24/2009	6/24/2009	6/24/2009	6/24/2009	6/5/2009	6/5/2009	6/25/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	0.19 J	0.22 J	0.088 J	0.94 J	290	ND	90
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	0.13 J	0.13 J	0.075 J	0.57 J	**100**	0.12 J	**40**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	0.065 J	7.5 J	ND	4.5
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	0.075 J	0.065 J	ND	0.27 J	36	0.045 J	19
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	0.086 J	0.067 J	ND	0.19 J	**20**	ND	**12**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	0.056 J	ND	ND	0.12 J	**12**	ND	**8.1**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	0.05 J	ND	ND	0.1 J	**11**	ND	**6.8**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	0.043 J	3.9 J	ND	4.3
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	ND	**4.1** J	ND	**2.2** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	0.1 J	24	ND	8.8
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.04 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.86 J
218-01-9	CHRYSENE	1	56	1	mg/Kg	0.083 J	0.073 J	ND	0.18 J	**18**	ND	**11**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	**1.1** J	ND	**1** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	0.045 J	6.1 J	ND	2.9 J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	0.13 J	0.12 J	0.051 J	0.35 J	29	0.054 J	22
86-73-7	FLUORENE	30	500	386	mg/Kg	0.07 J	0.071 J	ND	0.31 J	**37**	0.046 J	22
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	ND	**3** J	ND	**3.3** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	0.28 J	0.67	0.12 J	1.8 J	**610**	ND	**220**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	0.28 J	0.22 J	0.14 J	1 J	**120**	0.17 J	61
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	0.17 J	0.16 J	0.069 J	0.45 J	56	0.079 J	32
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**1.6**	**1.796**	**0.543**	**6.533**	**1388.7**	**0.554**	**571.76**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only													
					Location ID:	SB-19	SB-21	SB-21	SB-21(28-33) SB-21	SB-22	SB-22	SB-23
					Sample ID:	SB-19(28-33)	SB-21(13-18)	SB-21(28-33)	SB-21(28-33)DUP	SB-22(16-18)	SB-22(26-28)	SB-23(13-18)
					Lab Sample Id:	A2876-06	A2876-10	A2876-13	A2876-14	A2785-01	A2785-02	A2915-05
					Depth:	28 - 33 ft	13 - 18 ft	28 - 33 ft	28 - 33 ft	16 - 18 ft	26 - 28 ft	13 - 18 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2876	A2876	A2876	A2876	A2785	A2785	A2915
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/21/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/15/2009 0:00	5/15/2009 0:00	5/26/2009 0:00
					Validated:	6/24/2009	6/24/2009	6/24/2009	6/24/2009	6/5/2009	6/5/2009	6/25/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	6060	9910	2480	1960	2860	2320	5750
7440-36-0	ANTIMONY	--	--	--	mg/Kg	0.46 J	0.55 J	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.12	ND	ND	ND	ND	0.46 J	0.44 J
7440-39-3	BARIUM	350	400	820	mg/Kg	71	123	29.5	21.3	24.2	29.4	59.6
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.59	0.34	0.13 J	0.13 J	0.12 J	0.14 J	0.24 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.28	0.42	ND	ND	0.06 J	0.05 J	0.34
7440-70-2	CALCIUM	--	--	--	mg/Kg	2190 J	ND	ND	ND	1370	501	1140
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	22.4	28.6	10.8	9.35	11.1	10.1	20.1
7440-48-4	COBALT	--	--	--	mg/Kg	11	10	3.2	2.82	4.34	3.31	6.64
7440-50-8	COPPER	50	270	1720	mg/Kg	23.2	19.9	10.6	12	8.92	9.89	12.7
7439-89-6	IRON	--	--	--	mg/Kg	23200 J	23300 J	12400 J	12000 J	9200	14500	13300 J
7439-92-1	LEAD	63	1000	450	mg/Kg	9.57 J	16.9 J	2.01 J	1.84 J	6.74	1.61	3.91
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	4030	4490	1150	842	1570	1220	2640
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	343 J	276 J	78.1 J	63.7 J	91.8	97.7	271
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.007 J	0.005 J	ND	ND	ND	ND	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	24.6	27	9.83	8.33	17	8.36	23.5
7440-09-7	POTASSIUM	--	--	--	mg/Kg	2300	4870	1150	804	709	1060	2500
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.69 J	0.67 J	0.73 J	0.64 J	0.88	0.88	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	137	ND	ND	ND	ND	ND	119
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	28.4	35.7	14.4	13.3	10.9	13.9	23.5
7440-66-6	ZINC	109	10000	2480	mg/Kg	52.1	57.6	15.8	13.5	20.5	16	27.3
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-23	SB-24	SB-24	SB-25	SB-25	SB-25	SB-26
					Sample ID:	SB-23(28-33)	SB-24(10-12)	SB-24(12-14)	SB-25(13-18)	SB-25(28-33)	SB-25(33-38)	SB-26(14-16)
					Lab Sample Id:	A2915-08	A3062-01	A3062-02	A2876-07	A2876-08	A2876-09	A3062-03
					Depth:	28 - 33 ft	10 - 12 ft	12 - 14 ft	13 - 18 ft	28 - 33 ft	33 - 38 ft	14 - 16 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2915	A3062	A3062	A2876	A2876	A2876	A3062
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/26/2009 0:00	6/5/2009 0:00	6/5/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	6/5/2009 0:00
					Validated:	6/25/2009	6/29/2009	6/29/2009	6/24/2009	6/24/2009	6/24/2009	6/29/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	**0.4** J	**40**	ND	**6.9**
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	0.28 J	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	0.044	**65**	**760**	ND	**48**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	0.02 J	13	80	ND	6.3
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	0.014 J	**1.1** J	**230**	ND	**1.8**
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	0.0091 J	1.6	0.99 J	ND	0.59 J
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	0.024 J	**4.9**	**260**	ND	**16**
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	**4.7**	ND	0.18 J
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**ND**	**ND**	**0.1111**	**86.28**	**1375.69**	**ND**	**79.77**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-23	SB-24	SB-24	SB-25	SB-25	SB-25	SB-26
					Sample ID:	SB-23(28-33)	SB-24(10-12)	SB-24(12-14)	SB-25(13-18)	SB-25(28-33)	SB-25(33-38)	SB-26(14-16)
					Lab Sample Id:	A2915-08	A3062-01	A3062-02	A2876-07	A2876-08	A2876-09	A3062-03
					Depth:	28 - 33 ft	10 - 12 ft	12 - 14 ft	13 - 18 ft	28 - 33 ft	33 - 38 ft	14 - 16 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2915	A3062	A3062	A2876	A2876	A2876	A3062
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/26/2009 0:00	6/5/2009 0:00	6/5/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	6/5/2009 0:00
					Validated:	6/25/2009	6/29/2009	6/29/2009	6/24/2009	6/24/2009	6/24/2009	6/29/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	270	890	0.34 J	530 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	ND	**140**	**650**	0.25 J	**180**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	0.057 J	12	85	ND	13
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	0.052 J	57	**370**	0.14 J	72
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.055 J	0.092 J	**34**	**230**	0.1 J	**35** J
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.089 J	0.13 J	**22**	**150**	0.069 J	**22** J
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.087 J	0.13 J	**20**	**140**	0.058 J	**17**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.063 J	0.09 J	8.4	68	ND	9.2
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	0.059 J	**6** J	**37** J	ND	**6.8** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	0.041 J	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	19	130	0.044 J	43
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	0.048 J	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	4.2 J	20 J	ND	2.4 J
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.075 J	0.11 J	**33**	**230**	0.1 J	**33** J
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	0.044 J	**1.9** J	**20** J	ND	**2.6** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	**59**	ND	**9.2** J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	0.042 J	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	0.048 J	0.076 J	59	**360**	0.19 J	64
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	ND	**61**	**360**	0.15 J	**81**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	0.048 J	0.079 J	**6.4** J	**57** J	ND	**5.5**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	ND	**680**	**2900**	0.62	**850**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	0.68 J	ND	ND	ND	**8.9**
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	ND	0.045 J	**180**	**1000**	0.53	**240**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	**0.4** J
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	0.16 J	0.18 J	76	**480**	0.24 J	**110**
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**0.625**	**1.955**	**1689.9**	**8236**	**2.831**	**2335**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-23	SB-24	SB-24	SB-25	SB-25	SB-25	SB-26
					Sample ID:	SB-23(28-33)	SB-24(10-12)	SB-24(12-14)	SB-25(13-18)	SB-25(28-33)	SB-25(33-38)	SB-26(14-16)
					Lab Sample Id:	A2915-08	A3062-01	A3062-02	A2876-07	A2876-08	A2876-09	A3062-03
					Depth:	28 - 33 ft	10 - 12 ft	12 - 14 ft	13 - 18 ft	28 - 33 ft	33 - 38 ft	14 - 16 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A2915	A3062	A3062	A2876	A2876	A2876	A3062
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	5/26/2009 0:00	6/5/2009 0:00	6/5/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	5/22/2009 0:00	6/5/2009 0:00
					Validated:	6/25/2009	6/29/2009	6/29/2009	6/24/2009	6/24/2009	6/24/2009	6/29/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	5640	8400	6710	2880	6200	2150	3240
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	0.5 J	0.62 J	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	0.4 J	0.49 J	2.25	ND	ND	ND	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	81.6	73.3	66	27.4	81.9	23.5	32.1
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.17 J	0.29	0.44	0.13 J	0.22 J	0.16 J	0.15 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.28	0.48	0.46	ND	0.19 J	0.09 J	0.15 J
7440-70-2	CALCIUM	--	--	--	mg/Kg	804	1310	1840	ND	ND	15500 J	957
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	17.1	22.9	18	10	20.1	7.25	11.4
7440-48-4	COBALT	--	--	--	mg/Kg	5.68	7.74	6.99	3.2	8.08	3.14	4.67
7440-50-8	COPPER	50	270	1720	mg/Kg	17.5	19.4	23.4	10.9	17.7	8.31	10.8
7439-89-6	IRON	--	--	--	mg/Kg	13600 J	17900	14400	12500 J	19600 J	7210 J	12600
7439-92-1	LEAD	63	1000	450	mg/Kg	3.45	27.5	73.4	1.85 J	3.33 J	1.76 J	1.97
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2660	2960	2410	1170	3070	10500	1440
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	119	225	142	195 J	405 J	195 J	171
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	0.045	0.067	0.007 J	ND	ND	0.009 J
7440-02-0	NICKEL	30	310	130	mg/Kg	14.9	18.1	17	10.9	18.4	6.92	16.6
7440-09-7	POTASSIUM	--	--	--	mg/Kg	2840	2750	1730	762	3170	691	1300
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	0.38 J	0.71 J	0.98	0.82 J	0.61 J	0.52 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	160	169	190	ND	ND	70.8 J	71.4 J
7440-28-0	THALLIUM	--	--	--	mg/Kg	0.73 J	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	20	31.5	27.4	11.2	27	8.44	14
7440-66-6	ZINC	109	10000	2480	mg/Kg	24.8	54.1	67.3	13	32.7	14.8	22.9
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	2.23	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-26	SB-27	SB-27	SB-28	SB-28	SB-28(23-28)	SB-29
					Sample ID:	SB-26(24-26)	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-128(23-28)	SB-29(18-23)
					Lab Sample Id:	A3062-04	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09
					Depth:	24 - 26 ft	18 - 23 ft	23 - 28 ft	18 - 23 ft	23 - 28 ft	23 - 38 ft	18 - 23 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3062	A3439	A3439	A3439	A3439	A3439	A3439
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	6/5/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00
					Validated:	6/29/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	R	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	0.095 J	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**ND**	**ND**	**ND**	**0.095**	**ND**	**ND**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-26	SB-27	SB-27	SB-28	SB-28	SB-28(23-28) SB-28	SB-29
					Sample ID:	SB-26(24-26)	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-128(23-28)	SB-29(18-23)
					Lab Sample Id:	A3062-04	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09
					Depth:	24 - 26 ft	18 - 23 ft	23 - 28 ft	18 - 23 ft	23 - 28 ft	23 - 38 ft	18 - 23 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3062	A3439	A3439	A3439	A3439	A3439	A3439
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	6/5/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00
					Validated:	6/29/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	0.16 J	ND	ND	0.29 J	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	0.1 J	ND	ND	1.2	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	0.28 J	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	0.043 J	ND	ND	0.88	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	ND	0.57	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	ND	0.36 J	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	ND	0.26 J	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	0.11 J	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	0.12 J	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	ND	0.53	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	0.1 J	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	ND	ND	1	ND	ND	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	0.044 J	ND	ND	0.56	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	0.12 J	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	0.24 J	ND	ND	0.09 J	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	0.13 J	ND	ND	2.1	ND	0.068 J	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	0.066 J	ND	ND	1.2	0.054 J	0.044 J	ND
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.783**	**ND**	**ND**	**9.77**	**0.054**	**0.112**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only												
					Location ID:	SB-26	SB-27	SB-27	SB-28	SB-28	SB-28(23-28)	SB-29
					Sample ID:	SB-26(24-26)	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-128(23-28)	SB-29(18-23)
					Lab Sample Id:	A3062-04	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09
					Depth:	24 - 26 ft	18 - 23 ft	23 - 28 ft	18 - 23 ft	23 - 28 ft	23 - 38 ft	18 - 23 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3062	A3439	A3439	A3439	A3439	A3439	A3439
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	6/5/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00	7/6/2009 0:00
					Validated:	6/29/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	4190	12800	18700	4630	1870	1730	6310
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	0.59 J	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	0.53 J	ND	ND	ND	ND	ND	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	52.8	108 J	129 J	49.2 J	16.6 J	14.1 J	82.9 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.17 J	0.51	0.91	0.32	0.08 J	0.08 J	0.31
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.23 J	1.07	1.82	0.78	ND	ND	0.68
7440-70-2	CALCIUM	--	--	--	mg/Kg	703	823	254	513	420	391	406
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	15.6	**34.3**	**54.3**	16.2	7.35	6.48	20.3
7440-48-4	COBALT	--	--	--	mg/Kg	5.7	11.7	15.5	8.07	2.46	2.34	8.14
7440-50-8	COPPER	50	270	1720	mg/Kg	10.3	22.6	32.1	20.6	5.79	5.7	16.5
7439-89-6	IRON	--	--	--	mg/Kg	15600	25200	35200	20000	5640	5370	20600
7439-92-1	LEAD	63	1000	450	mg/Kg	2.21	4.77	9.44	2.79	1.11	1	2.97
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2100	5730	8380	1600	1110	1010	2820
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	106	226 J	318 J	182 J	47.7 J	43.3 J	178 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.006 J	0.005 J	0.013	ND	0.005 J	ND	0.007 J
7440-02-0	NICKEL	30	310	130	mg/Kg	16.7	25.5	**43.1**	16.3	8.19	8.11	18.9
7440-09-7	POTASSIUM	--	--	--	mg/Kg	2020	6380	7670	1580	472	402	3120
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.52 J	ND	ND	ND	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	277	ND	ND	ND	ND	ND	ND
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	21.3	43.9	59	20.2	6.53	6.93	27.7
7440-66-6	ZINC	109	10000	2480	mg/Kg	23.4	54.6	78.9	24.3	10.9	10.1	34.3
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-29	SB-30	SB-30	SB-31	SB-31	SB-32	SB-32
					Sample ID:	SB-29(23-28)	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)
					Lab Sample Id:	A3439-10	A3439-12	A3439-13	A3439-14	A3439-15	A3439-16	A3439-17
					Depth:	23 - 28 ft	13 - 18 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	7/6/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00
					Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.029 J	ND	ND	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**ND**	**0.029**	**ND**	**ND**	**ND**	**ND**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-29	SB-30	SB-30	SB-31	SB-31	SB-32	SB-32
					Sample ID:	SB-29(23-28)	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)
					Lab Sample Id:	A3439-10	A3439-12	A3439-13	A3439-14	A3439-15	A3439-16	A3439-17
					Depth:	23 - 28 ft	13 - 18 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	7/6/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00
					Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	0.15 J	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	0.95	ND	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.085 J	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	0.43	ND	ND	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.22 J	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.12 J	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.091 J	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.046 J	ND	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	0.049 J	ND	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.21 J	ND	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	0.081 J	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	0.43	ND	ND	ND	ND	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	0.19 J	ND	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	0.04 J	ND	ND	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	0.19 J	ND	ND	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	1.4	ND	ND	ND	ND	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	0.55	ND	ND	ND	ND	ND
	TOTAL SVOCS	--	--	--	**mg/kg**	**ND**	**5.232**	**ND**	**ND**	**ND**	**ND**	**ND**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-29	SB-30	SB-30	SB-31	SB-31	SB-32	SB-32
					Sample ID:	SB-29(23-28)	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)
					Lab Sample Id:	A3439-10	A3439-12	A3439-13	A3439-14	A3439-15	A3439-16	A3439-17
					Depth:	23 - 28 ft	13 - 18 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	7/6/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00	7/7/2009 0:00
					Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	10800	2850	3420	3310	3030	5010	6090
7440-36-0	ANTIMONY	--	--	--	mg/Kg	0.63 J	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	142 J	43.7 J	53.2 J	30 J	44.2 J	42.4 J	77.8 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.42	0.15 J	0.17 J	0.19 J	0.23	0.35	0.25
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	1.18	0.24	0.29	0.28	0.53	0.56	0.43
7440-70-2	CALCIUM	--	--	--	mg/Kg	547	626	764	889	317	992	625
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**32.1**	11.3	13.6	15	11.3	15.1	18
7440-48-4	COBALT	--	--	--	mg/Kg	13	3.87	4.71	4.99	6.63	9.35	6.7
7440-50-8	COPPER	50	270	1720	mg/Kg	17.7	12.7	15.3	24.6	13.8	24	18.7
7439-89-6	IRON	--	--	--	mg/Kg	25700	10600	12800	11500	16600	18800	13800
7439-92-1	LEAD	63	1000	450	mg/Kg	4.65	1.41	1.85	3.09	2.65	3.85	2.42
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	5130	1300	1600	1360	1130	1530	2550
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	243 J	96.3 J	118 J	90.1 J	477 J	481 J	279 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	ND	0.003 J	0.003 J	ND	ND	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	29.2	11.3	13.8	12.9	15.2	24.9	14.9
7440-09-7	POTASSIUM	--	--	--	mg/Kg	5510	1250	1530	977	1140	1620	2550
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	0.78	1.09	1.2	1.01	1.18	0.92
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	40	13.2	15.9	17.6	17.4	25.5	20.6
7440-66-6	ZINC	109	10000	2480	mg/Kg	53.1	14.9	18.5	17.5	20.9	25.2	24.5
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-33	SB-33	SB-34	SB-34	SB-36	SB-36	SB-37
					Sample ID:	SB-33(13-18)	SB-33(23-28)	SB-34 (8-13)	SB-34(23-28)	SB-36(12-14)	SB-36(28-30)	SB-37(38-40)
					Lab Sample Id:	A3439-19	A3439-20	A3439-21	A3439-22	D1577-01	D1577-04	D1616-01
					Depth:	13 - 18 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft	12 - 14 ft	28 - 30 ft	38 - 40 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3439	A3439	A3439	A3439	D1577	D1577	D1616
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	7/8/2009 0:00	7/8/2009 0:00	7/8/2009 0:00	7/8/2009 0:00	2/21/2012 10:05	2/21/2012 11:20	2/22/2012 9:45
					Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	4/2/2012	4/2/2012	4/2/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	R	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	**12** J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	ND	ND	**230**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	13 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	**100**
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	**63**
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	0.016 J	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg					ND	ND	**66**
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg					ND	ND	**23** J
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg					ND	ND	ND
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg					ND	ND	ND
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**ND**	**ND**	**0.016**	**ND**	**ND**	**ND**	**507**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-33	SB-33	SB-34	SB-34	SB-36	SB-36	SB-37
					Sample ID:	SB-33(13-18)	SB-33(23-28)	SB-34 (8-13)	SB-34(23-28)	SB-36(12-14)	SB-36(28-30)	SB-37(38-40)
					Lab Sample Id:	A3439-19	A3439-20	A3439-21	A3439-22	D1577-01	D1577-04	D1616-01
					Depth:	13 - 18 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft	12 - 14 ft	28 - 30 ft	38 - 40 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3439	A3439	A3439	A3439	D1577	D1577	D1616
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	7/8/2009 0:00	7/8/2009 0:00	7/8/2009 0:00	7/8/2009 0:00	2/21/2012 10:05	2/21/2012 11:20	2/22/2012 9:45
					Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	4/2/2012	4/2/2012	4/2/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	300
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	1.4	ND	0.4	ND	**200**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	0.18 J	ND	ND	ND	21
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	1.1	ND	0.46	ND	90
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	0.96	ND	0.31 J	ND	**72**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	0.56	ND	ND	ND	**48**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	0.5	ND	ND	ND	**39**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	0.23 J	ND	ND	ND	23
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	0.2 J	ND	ND	ND	**13**
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	42
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	0.93	ND	0.41	ND	**66**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	0.049 J	ND	ND	ND	**5.3** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	0.16 J	ND	0.18 J	ND	**8.8**
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	ND	1.7	ND	0.33 J	ND	**110**
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	0.43	ND	0.59	ND	**85**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	0.22 J	ND	ND	ND	**18**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	ND	ND	ND	ND	**1100**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	ND	1.1	ND	1.8	ND	**310**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	ND	1.8	ND	0.75	ND	**170**
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**ND**	**11.519**	**ND**	**5.23**	**ND**	**2721.1**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-33	SB-33	SB-34	SB-34	SB-36	SB-36	SB-37
					Sample ID:	SB-33(13-18)	SB-33(23-28)	SB-34 (8-13)	SB-34(23-28)	SB-36(12-14)	SB-36(28-30)	SB-37(38-40)
					Lab Sample Id:	A3439-19	A3439-20	A3439-21	A3439-22	D1577-01	D1577-04	D1616-01
					Depth:	13 - 18 ft	23 - 28 ft	8 - 13 ft	23 - 28 ft	12 - 14 ft	28 - 30 ft	38 - 40 ft
					Source:	Chemtech	Chemtech	Chemtech	Chemtech	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	A3439	A3439	A3439	A3439	D1577	D1577	D1616
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	7/8/2009 0:00	7/8/2009 0:00	7/8/2009 0:00	7/8/2009 0:00	2/21/2012 10:05	2/21/2012 11:20	2/22/2012 9:45
					Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	4/2/2012	4/2/2012	4/2/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	6330	6550	11300	8150	5090	2780	3110
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	ND	ND	0.58 J	ND	ND	ND	1.27
7440-39-3	BARIUM	350	400	820	mg/Kg	76.3 J	70.4 J	39.9 J	104 J	37	29.2	28.5
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.39	0.65	0.36	0.27	0.23 J	0.09 J	ND
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.56	0.79	0.45	0.59	ND	ND	0.38
7440-70-2	CALCIUM	--	--	--	mg/Kg	945	2240	1110	1130	1090 J	756 J	640 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	23.6	22.6	17.7	28	17.2 J	10.6 J	14 J
7440-48-4	COBALT	--	--	--	mg/Kg	8.17	10.9	3.68	8.75	4.76	3.67	3.81
7440-50-8	COPPER	50	270	1720	mg/Kg	17.7	27.3	12.4	17.1	20 J	9.48 J	8.33
7439-89-6	IRON	--	--	--	mg/Kg	17300	22200	16800	14700	16000 J	10100 J	10300
7439-92-1	LEAD	63	1000	450	mg/Kg	4.74	8.43	10.4	2.9	2.8	1.5	1.32
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2770	3980	2090	3910	1640	1160	1270
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	288 J	398 J	127 J	633 J	109	71.2	92.8
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	0.005 J	0.013	0.008 J	ND	0.012 J	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	20	22	8.81	52.3	14.4	10.7	9.03
7440-09-7	POTASSIUM	--	--	--	mg/Kg	2340	2260	562	3130	1230	943	937
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.98	1.12	1.4	0.98	1.86	1.12	0.968 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	ND	ND	0.477 J
7440-23-5	SODIUM	--	--	--	mg/Kg	ND	ND	ND	1210 J	159 J	93.5 J	ND
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	25.9	28.1	26.7	25.7	19.1	12.9	9.97
7440-66-6	ZINC	109	10000	2480	mg/Kg	34.5	48	28	31	31.4	18.2	ND
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	4.17	ND	ND	0.195 J	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						SB-37(38-40)						
					Location ID:	SB-37	SB-37	SB-38	SB-38	SB-39	SB-39	SB-40
					Sample ID:	SB-37A(38-40)	SB-37(48-50)	SB-38(15-17)	SB-38(43-45)	SB-39(13-15)	SB-39(35-37)	SB-40(15-17)
					Lab Sample Id:	D1616-02	D1616-03	C3954-03	C3954-04	C3954-14	C3954-15	C3954-20
					Depth:	38 - 40 ft	48 - 50 ft	15 - 17 ft	43 - 45 ft	13 - 15 ft	35 - 37 ft	15 - 17 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	D1616	D1616	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/22/2012 9:50	2/22/2012 10:45	9/30/2011 9:10	9/30/2011 2:30	9/26/2011 10:20	9/26/2011 2:30	9/29/2011 10:15
					Validated:	4/2/2012	4/2/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	**13** J	ND	**16**	ND	**13**	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	**270**	ND	**23**	ND	**47**	ND	**1.2**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	15 J	ND	2.7 J	ND	6.2 J	ND	0.35 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	**110**	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	**66**	ND	**8.9**	ND	**6.5**	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	0.0027 J	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg	**71**	ND					
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg	**27** J	ND					
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg	ND	ND					
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg	ND	ND					
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**572**	**ND**	**50.6**	**0.0027**	**72.7**	**ND**	**1.55**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						SB-37(38-40)						
					Location ID:	SB-37	SB-37	SB-38	SB-38	SB-39	SB-39	SB-40
					Sample ID:	SB-37A(38-40)	SB-37(48-50)	SB-38(15-17)	SB-38(43-45)	SB-39(13-15)	SB-39(35-37)	SB-40(15-17)
					Lab Sample Id:	D1616-02	D1616-03	C3954-03	C3954-04	C3954-14	C3954-15	C3954-20
					Depth:	38 - 40 ft	48 - 50 ft	15 - 17 ft	43 - 45 ft	13 - 15 ft	35 - 37 ft	15 - 17 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	D1616	D1616	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/22/2012 9:50	2/22/2012 10:45	9/30/2011 9:10	9/30/2011 2:30	9/26/2011 10:20	9/26/2011 2:30	9/29/2011 10:15
					Validated:	4/2/2012	4/2/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	370	0.32 J	150	ND	180	ND	220
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	**220**	0.25 J	**120**	ND	**130**	ND	**170**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	21	ND	6.4	ND	7.7	ND	18
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	100	ND	55	ND	50	ND	92
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	**80**	ND	**34**	ND	**29**	ND	**71**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	**55**	ND	**21**	ND	**20**	ND	**48**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	**39**	ND	**18**	ND	**17**	ND	**39**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	24	ND	8.4	ND	7.7	ND	19
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	**14**	ND	**4.5** J	ND	**4.2** J	ND	**16**
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	44	ND	24	ND	25	ND	16
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	0.21 J	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	**72**	ND	**29**	ND	**28**	ND	**65**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	**4.9** J	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	**9.2**	ND	**8.2**	ND	**8.9**	ND	**10** J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	**120**	ND	55	ND	48	ND	**120**
86-73-7	FLUORENE	30	500	386	mg/Kg	**97**	ND	**53**	ND	**62**	ND	**91**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	**20**	ND	**6.9**	ND	**6.3**	ND	**16**
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	**1300**	1.4	**600**	ND	**590**	ND	**800**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	**360**	0.42	**160**	ND	**180**	ND	**340**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	**180**	0.24 J	70	ND	74	ND	**150**
	TOTAL SVOCS	--	--	--	**mg/kg**	**3130.1**	**2.63**	**1423.4**	**0.21**	**1467.8**	**ND**	**2301**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only						SB-37(38-40)						
					Location ID:	SB-37	SB-37	SB-38	SB-38	SB-39	SB-39	SB-40
					Sample ID:	SB-37A(38-40)	SB-37(48-50)	SB-38(15-17)	SB-38(43-45)	SB-39(13-15)	SB-39(35-37)	SB-40(15-17)
					Lab Sample Id:	D1616-02	D1616-03	C3954-03	C3954-04	C3954-14	C3954-15	C3954-20
					Depth:	38 - 40 ft	48 - 50 ft	15 - 17 ft	43 - 45 ft	13 - 15 ft	35 - 37 ft	15 - 17 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	D1616	D1616	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/22/2012 9:50	2/22/2012 10:45	9/30/2011 9:10	9/30/2011 2:30	9/26/2011 10:20	9/26/2011 2:30	9/29/2011 10:15
					Validated:	4/2/2012	4/2/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	2960	4470	2860	3010	3740	4930	2820
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.18	1.88	ND	ND	1.42	2.79	0.36 J
7440-39-3	BARIUM	350	400	820	mg/Kg	26.5	32.8	32.4 J	39 J	44.3 J	90.4 J	27.2 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	0.151 J	0.1 J	0.12 J	0.15 J	0.29 J	0.1 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.373	0.616	ND	ND	0.2 J	0.26 J	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	636 J	636 J	876 J	519 J	8320 J	1100 J	839 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	12.8 J	17.8 J	8.55 J	9.76 J	9.68 J	17.3 J	10.4 J
7440-48-4	COBALT	--	--	--	mg/Kg	3.51	6.45	3.13	2.9	4.6	10.9	3.79
7440-50-8	COPPER	50	270	1720	mg/Kg	8.56	9.28	9.14	6.11	21.2	16.5	8.15
7439-89-6	IRON	--	--	--	mg/Kg	10200	16600	9820	8260	9050	22300	8640
7439-92-1	LEAD	63	1000	450	mg/Kg	1.1	1.92	2.14	1.95	60.1	5.28	1.58
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1290	1640	1110	1380	1850	1970	1050
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	84.7	179	180	111	126	1210	139
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	ND	0.009 J	0.006 J	0.113	0.009 J	0.004 J
7440-02-0	NICKEL	30	310	130	mg/Kg	9.48	11.4	8.07	8.19	10.2	17.6	12.9
7440-09-7	POTASSIUM	--	--	--	mg/Kg	917	1190	1250 J	1280 J	1230 J	1660 J	703 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.04	1.8	ND	ND	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.476	0.792	0.23 J	0.21 J	0.18 J	0.45 J	0.2 J
7440-23-5	SODIUM	--	--	--	mg/Kg	ND	ND	102	125	90.1	131	95.3
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	9.27	18.2	11.6	11.1	12.4	19.4	11.1
7440-66-6	ZINC	109	10000	2480	mg/Kg	ND	22.5	19.8	19.7	46.6	45.7	15.9
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	0.051 J	0.175 J	0.055 J	0.453

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only								SB-41(13-15)			SB-42(14-16)	
					Location ID:	SB-40	SB-41	SB-41	SB-41	SB-42	SB-42	SB-42
					Sample ID:	SB-40(39-41)	SB-41(13-15)	SB-41A(13-15)	SB-41(33-35)	SB-42(14-16)	SB-42A(14-16)	SB-42(22-24)
					Lab Sample Id:	C3954-24	C3954-11	C3954-13	C3954-12	C3954-06	C3954-07	C3954-08
					Depth:	39 - 41 ft	13 - 15 ft	13 - 15 ft	33 - 35 ft	14 - 16 ft	14 - 16 ft	22 - 24 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C3954	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/29/2011 2:00	9/26/2011 10:35	9/26/2011 10:35	9/26/2011 1:30	9/29/2011 2:50	9/29/2011 3:00	9/30/2011 9:15
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	R	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	**6.8**	**10**	ND	**1.5** J	ND	**2.5**
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	**12**	**16**	ND	**31**	**46**	**9**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	4.9 J	5.6 J	ND	3.6	5.2 J	2.3
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	**2.8** J	**3.8** J	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	**6.7**	**8**	ND	**2.6** J	**3.6** J	**2.1**
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**ND**	**33.2**	**43.4**	**ND**	**38.7**	**54.8**	**15.9**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only								SB-41(13-15)			SB-42(14-16)	
					Location ID:	SB-40	SB-41	SB-41	SB-41	SB-42	SB-42	SB-42
					Sample ID:	SB-40(39-41)	SB-41(13-15)	SB-41A(13-15)	SB-41(33-35)	SB-42(14-16)	SB-42A(14-16)	SB-42(22-24)
					Lab Sample Id:	C3954-24	C3954-11	C3954-13	C3954-12	C3954-06	C3954-07	C3954-08
					Depth:	39 - 41 ft	13 - 15 ft	13 - 15 ft	33 - 35 ft	14 - 16 ft	14 - 16 ft	22 - 24 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C3954	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/29/2011 2:00	9/26/2011 10:35	9/26/2011 10:35	9/26/2011 1:30	9/29/2011 2:50	9/29/2011 3:00	9/30/2011 9:15
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	120	150	ND	350	440	270
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	**42**	**56**	ND	**180**	**260**	**230**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	3.4	4.1	ND	19	22	27 J
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	21	24	ND	86	**120**	98 J
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**14**	**17**	ND	**57**	**68**	**78** J
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**7.6**	**9.7**	ND	**39**	**47**	**51** J
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**5.9**	**8.2**	ND	**35**	**43**	**44** J
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	3.1	3.8	ND	16	20	21 J
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	**2.3**	**2**	ND	**9.1**	**10** J	**11** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	12	15	ND	44	58	48 J
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	6.6	9.1 J	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**12**	**15**	ND	**57**	**64**	**72** J
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**0.78** J	**0.9** J	ND	**3.3** J	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	2.9	3.6	ND	**17**	**23**	**16** J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	21	25	ND	**110**	**140**	**140**
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	22	27	ND	**98**	**140**	**120**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**3**	**3.9**	ND	**14**	**17**	**16** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	**210**	**330**	ND	**920**	**1500**	**920**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	76	90	ND	**330**	**410**	**400**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	28	33	ND	**130**	**180**	**180**
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**606.98**	**818.2**	**ND**	**2521**	**3571.1**	**2742**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only								SB-41(13-15)			SB-42(14-16)	
					Location ID:	SB-40	SB-41	SB-41	SB-41	SB-42	SB-42	SB-42
					Sample ID:	SB-40(39-41)	SB-41(13-15)	SB-41A(13-15)	SB-41(33-35)	SB-42(14-16)	SB-42A(14-16)	SB-42(22-24)
					Lab Sample Id:	C3954-24	C3954-11	C3954-13	C3954-12	C3954-06	C3954-07	C3954-08
					Depth:	39 - 41 ft	13 - 15 ft	13 - 15 ft	33 - 35 ft	14 - 16 ft	14 - 16 ft	22 - 24 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C3954	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/29/2011 2:00	9/26/2011 10:35	9/26/2011 10:35	9/26/2011 1:30	9/29/2011 2:50	9/29/2011 3:00	9/30/2011 9:15
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	1980	1820	1690	6810	1970	3640	4020
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	0.61 J	0.42 J	0.52 J	0.56 J	0.86	0.71 J	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	20 J	16.2 J	16.4 J	94.7 J	16.8 J	33.2 J	52.1 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.09 J	0.05 J	ND	0.19 J	0.07 J	0.11 J	0.1 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	460 J	854 J	599 J	895 J	3150 J	4920 J	1030 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	8.19 J	7.64 J	5.01 J	20 J	5.53 J	10.1 J	13.5 J
7440-48-4	COBALT	--	--	--	mg/Kg	2.59	3.77	3.29	7.57	2.7	4.57	5.28
7440-50-8	COPPER	50	270	1720	mg/Kg	3.89	7.7	6.5	9.68	7.05	13.1	12
7439-89-6	IRON	--	--	--	mg/Kg	5910	5490	4740	13800	6710	10500	12900
7439-92-1	LEAD	63	1000	450	mg/Kg	1.46	4.7	4.91	3.4	2.97	7.68	2.21
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	762	1150	877	3040	1630	2600	1760
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	116	84.1	57.1	293	124	188	200
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.003 J	0.035	0.038	0.004 J	0.09	**0.207**	0.006 J
7440-02-0	NICKEL	30	310	130	mg/Kg	7.56	15.3	11.1	19	9.79	13.9	12.6
7440-09-7	POTASSIUM	--	--	--	mg/Kg	577 J	386 J	458 J	3630 J	482 J	1010 J	1990 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	0.5 J	ND	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	0.18 J	ND	0.2 J	0.17 J	0.25 J	0.31 J
7440-23-5	SODIUM	--	--	--	mg/Kg	71.4 J	114	117	431	131	155	506
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	7.09	9.32	6.08	22.6	6.64	11.5	16
7440-66-6	ZINC	109	10000	2480	mg/Kg	14.4	19.1	18.1	37.2	13.7	23.4	26.2
57-12-5	CYANIDE	27	27	40	mg/Kg	0.201 J	0.088 J	ND	0.054 J	0.211 J	0.205 J	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-42	SB-43	SB-43	SB-44	SB-44	SB-45	SB-45
					Sample ID:	SB-42(34-36)	SB-43(15-17)	SB-43(29-31)	SB-44(16.5-18)	SB-44(28-30)	SB-45(13-15)	SB-45(27-29)
					Lab Sample Id:	C3954-01	C3954-19	C3954-18	C3954-21	C3954-25	C3954-23	C3954-22
					Depth:	34 - 36 ft	15 - 17 ft	29 - 31 ft	16.5 - 18 ft	28 - 30 ft	13 - 15 ft	27 - 29 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C3954	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/30/2011 10:20	9/27/2011 12:05	9/27/2011 2:00	9/28/2011 10:30	9/28/2011 12:55	9/28/2011 10:15	9/28/2011 11:00
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	R	ND	R	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	ND	**4.6** J	**7.4**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	1.5 J	ND	ND	ND	6.3	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	**3.9** J
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	ND	0.0031 J	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	**4.5** J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**ND**	**1.5**	**ND**	**ND**	**0.0031**	**10.9**	**15.8**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-42	SB-43	SB-43	SB-44	SB-44	SB-45	SB-45
					Sample ID:	SB-42(34-36)	SB-43(15-17)	SB-43(29-31)	SB-44(16.5-18)	SB-44(28-30)	SB-45(13-15)	SB-45(27-29)
					Lab Sample Id:	C3954-01	C3954-19	C3954-18	C3954-21	C3954-25	C3954-23	C3954-22
					Depth:	34 - 36 ft	15 - 17 ft	29 - 31 ft	16.5 - 18 ft	28 - 30 ft	13 - 15 ft	27 - 29 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C3954	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/30/2011 10:20	9/27/2011 12:05	9/27/2011 2:00	9/28/2011 10:30	9/28/2011 12:55	9/28/2011 10:15	9/28/2011 11:00
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg							
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg							
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	78	ND	10	ND	100	180
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	20	ND	**60**	ND	**24**	**180**
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.77	ND	7.1	ND	1.1	23
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	10	ND	26	ND	11	75
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**5.1**	ND	**20**	ND	**7.2**	**56**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**2.7**	ND	**14**	ND	**4.2**	**39**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**2.3**	ND	**12**	ND	**3.3** J	**34**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	1.1	ND	5.8 J	ND	0.94	14
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	0.68	ND	**4.1** J	ND	0.79	**8.7** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	3.7 J	ND	ND	ND	1.8	40
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.19 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.33 J	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**5**	ND	**19**	ND	**6.7**	**50**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	0.28 J	ND	ND	ND	**0.49**	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	1.4	ND	3.4 J	ND	1.3	**10** J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	8.1	ND	35	ND	12	88
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	9.5	ND	22	ND	12	**83**
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**1.1**	ND	**4.6** J	ND	**1.9**	**12** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	**170**	ND	**73**	ND	**200**	**490**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	31	ND	75	ND	38	**310**
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	13	ND	45	ND	18	**140**
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**363.73**	**ND**	**436**	**ND**	**445.24**	**1832.7**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-42	SB-43	SB-43	SB-44	SB-44	SB-45	SB-45
					Sample ID:	SB-42(34-36)	SB-43(15-17)	SB-43(29-31)	SB-44(16.5-18)	SB-44(28-30)	SB-45(13-15)	SB-45(27-29)
					Lab Sample Id:	C3954-01	C3954-19	C3954-18	C3954-21	C3954-25	C3954-23	C3954-22
					Depth:	34 - 36 ft	15 - 17 ft	29 - 31 ft	16.5 - 18 ft	28 - 30 ft	13 - 15 ft	27 - 29 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C3954	C3954	C3954	C3954	C3954	C3954
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/30/2011 10:20	9/27/2011 12:05	9/27/2011 2:00	9/28/2011 10:30	9/28/2011 12:55	9/28/2011 10:15	9/28/2011 11:00
					Validated:	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012	1/23/2012
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	5970	3100	3800	3210	6550	4550	1950
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	0.85 J	ND	ND	0.51 J	ND	ND	ND
7440-39-3	BARIUM	350	400	820	mg/Kg	47.4 J	30.3 J	49.1 J	30.8 J	97 J	56.1 J	22.7 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.37	0.09 J	0.11 J	0.1 J	0.1 J	0.15 J	ND
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	ND	ND	ND	ND	0.12 J	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	865 J	731 J	618 J	763 J	912 J	696 J	581 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	19.6 J	11.6 J	12.1 J	12.6 J	17.9 J	14.1 J	8.11 J
7440-48-4	COBALT	--	--	--	mg/Kg	5.43	3.24	4.7	4.89	6.61	6.07	2.98
7440-50-8	COPPER	50	270	1720	mg/Kg	11.9	6.21	8.1	16.4	13.3	10.2	6.88
7439-89-6	IRON	--	--	--	mg/Kg	13000	6750	10700	12500	13100	13000	7610
7439-92-1	LEAD	63	1000	450	mg/Kg	5.61	1.5	2.8	6.17	2.48	2.32	1.26
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2040	1360	1740	1210	3000	1870	818
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	166	102	101	128	189	154	63.8
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.021	0.003 J	0.011	0.008 J	0.003 J	0.003 J	0.004 J
7440-02-0	NICKEL	30	310	130	mg/Kg	14.6	14.2	13.2	12.1	14.9	14.3	7.34
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1510 J	1110 J	2100 J	1090 J	3860 J	2460 J	943 J
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.28 J	0.14 J	0.22 J	0.26 J	0.3 J	0.27 J	0.2 J
7440-23-5	SODIUM	--	--	--	mg/Kg	160	84.2	124	244	312	124	134
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	18.6	11.2	14.6	16.1	18.9	17.7	10.5
7440-66-6	ZINC	109	10000	2480	mg/Kg	34.3	19.7	28.8	19.5	34.3	37.4	16.7
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	0.057 J	ND	0.209 J	0.093 J	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-45	SB-46	SB-46	SB-47	SB-47	SB-47(29-31)	SB-49
					Sample ID:	SB-45(43-45)	SB-46(11-12)	SB-46(39-40)	SB-47(15-17)	SB-47(29-31)	SB-147(29-31)	SB-49(11-13)
					Lab Sample Id:	C3954-05	C4313-01	C4313-02	F1028-07	F1028-04	F1028-06	F1028-10
					Depth:	43 - 45 ft	11 - 12 ft	39 - 40 ft	15 - 17 ft	29 - 31 ft	29 - 31 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C4313	C4313	F1028	F1028	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/29/2011 10:05	10/24/2011 9:50	10/24/2011 11:20	1/2/2014 9:00	1/2/2014 9:38	1/2/2014 9:45	1/8/2014 9:50
					Validated:	1/23/2012	1/23/2012	1/23/2012	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	0.011 J	ND	0.0059 J	0.0067 J	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	**13.5** J	0.0094	0.0083	**6.8**
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	0.21 J	ND	0.0016 J	0.15 J
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	**23.8** J	0.0417 J	0.0145 J	**7**
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	5.7 J	0.0092 J	0.0024 J	3.3
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	**13.5** J	0.0246 J	0.0086 J	**5.3**
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.69
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	0.18 J	ND	ND	0.15 J
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	0.003 J	ND	0.003 J	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	**6.3** J	0.0074 J	0.0022 J	**0.97**
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	0.27 J	ND	ND	0.44 J
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	0.027	ND	0.0015 J	0.0018 J	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	0.0063	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	**1.4** J	ND	ND	**5.9**
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.0093**	**ND**	**0.041**	**64.86**	**0.0997**	**0.0461**	**30.7**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-45	SB-46	SB-46	SB-47	SB-47	SB-47(29-31)	SB-49
					Sample ID:	SB-45(43-45)	SB-46(11-12)	SB-46(39-40)	SB-47(15-17)	SB-47(29-31)	SB-147(29-31)	SB-49(11-13)
					Lab Sample Id:	C3954-05	C4313-01	C4313-02	F1028-07	F1028-04	F1028-06	F1028-10
					Depth:	43 - 45 ft	11 - 12 ft	39 - 40 ft	15 - 17 ft	29 - 31 ft	29 - 31 ft	11 - 13 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C4313	C4313	F1028	F1028	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	9/29/2011 10:05	10/24/2011 9:50	10/24/2011 11:20	1/2/2014 9:00	1/2/2014 9:38	1/2/2014 9:45	1/8/2014 9:50
					Validated:	1/23/2012	1/23/2012	1/23/2012	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg				ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg				ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	65.3 J	0.28 J	1.1 J	27.4
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	**0.64** J
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	ND	**24.4** J	0.12 J	0.35 J	7.9
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	10.2 J	0.0932 J	0.15 J	2.1
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	ND	32.5 J	0.15 J	0.28 J	7
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	ND	**24.4** J	0.12 J	0.19 J	**8.1**
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	ND	**13.9** J	ND	0.11 J	**5.5**
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	ND	**14.2** J	ND	0.11 J	**6.8**
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	5 J	ND	ND	2.6
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	**4.4** J	ND	ND	**1.7** J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	5.2 J	ND	0.0911 J	0.83 J
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.65 J
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	1.5 J	ND	ND	0.5 J
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	ND	**23.2** J	0.0939 J	0.15 J	**6.7**
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	**2** J	ND	ND	**0.87** J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	4.2 J	ND	ND	1.2 J
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	0.61	0.72	0.46 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	ND	ND	33.6 J	0.18 J	0.31 J	10.5
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	ND	**34.8** J	0.2 J	0.36 J	6.9
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	**3.6** J	ND	ND	**1.6** J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	ND	**85.4** J	0.22 J	1.4 J	**31.4**
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	ND	ND	93.5 J	0.61	1	28.6
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	ND	ND	54.3 J	0.28 J	0.46	14.8
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**ND**	**ND**	**ND**	**535.6**	**2.9571**	**6.7811**	**174.75**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only													
					Location ID:	SB-45	SB-46	SB-46	SB-47	SB-47	SB-47(29-31)	SB-47	SB-49
					Sample ID:	SB-45(43-45)	SB-46(11-12)	SB-46(39-40)	SB-47(15-17)	SB-47(29-31)	SB-147(29-31)	SB-49(11-13)	
					Lab Sample Id:	C3954-05	C4313-01	C4313-02	F1028-07	F1028-04	F1028-06	F1028-10	
					Depth:	43 - 45 ft	11 - 12 ft	39 - 40 ft	15 - 17 ft	29 - 31 ft	29 - 31 ft	11 - 13 ft	
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	C3954	C4313	C4313	F1028	F1028	F1028	F1028	
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
					Sampled:	9/29/2011 10:05	10/24/2011 9:50	10/24/2011 11:20	1/2/2014 9:00	1/2/2014 9:38	1/2/2014 9:45	1/8/2014 9:50	
					Validated:	1/23/2012	1/23/2012	1/23/2012	5/21/2014	5/21/2014	5/21/2014	5/21/2014	
CAS NO.	COMPOUND				UNITS:								
	INORGANICS												
7429-90-5	ALUMINUM	--	--	--	mg/Kg	7060	4040 J	7090 J	4800 J	2500	3400	2300	
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND	
7440-38-2	ARSENIC	13	16	16	mg/Kg	ND	1.57	6.64	4.66 J	0.746 J	0.814 J	5.49	
7440-39-3	BARIUM	350	400	820	mg/Kg	95.8 J	30.3	94.7	57.3 J	9.79	10.38	63.1 J-	
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.18 J	0.184 J	0.624	0.186 J	0.099 J	0.141 J	0.236 J	
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.09 J	0.594	1.77	1.97 J	0.812	1.17	**2.86**	
7440-70-2	CALCIUM	--	--	--	mg/Kg	915 J	578	1870	24600 J	1500	1300	75600	
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	20.8 J	12.8	24.6	11.9 J	8.83	11.9	8.97	
7440-48-4	COBALT	--	--	--	mg/Kg	7.93	5.39	9.7	6.06 J	3.47	4.38	5.56	
7440-50-8	COPPER	50	270	1720	mg/Kg	13.1	20	20.5	45.4 J	15	13	29.1	
7439-89-6	IRON	--	--	--	mg/Kg	17000	11200	23100	19200 J	10500	14400	12300	
7439-92-1	LEAD	63	1000	450	mg/Kg	3.31	10.1	9.23	**917** J	8.49	2.35	**413**	
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	3090	1810 J	3540 J	3500 J	991	1300	42900	
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	220	125	696	136 J	466	625	224	
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.009 J	ND	ND	0.051	ND	ND	0.049	
7440-02-0	NICKEL	30	310	130	mg/Kg	16.1	15.4	20.5	17.3 J	7.48	9.39	16.3	
7440-09-7	POTASSIUM	--	--	--	mg/Kg	4160 J	1080 J	2060 J	672 J	421	683	263	
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	ND	ND	ND	1.66 J	0.693 J	0.755 J	0.948 J	
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.29 J	ND	ND	0.942 J	0.563	0.786	0.423 J	
7440-23-5	SODIUM	--	--	--	mg/Kg	201	157 J	263 J	505 J	237	359	310	
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND	
7440-62-2	VANADIUM	--	--	--	mg/Kg	26.9	16.7	28.3	17.6 J	24.5	29	23.1	
7440-66-6	ZINC	109	10000	2480	mg/Kg	41.4	21.8	51.2	**137** J	14.2	18.4	**251**	
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	2.99 J	0.054 J	0.086 J	0.423	

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-49	SB-50	SB-50	SB-52	SB-52	SB-53	SB-53
					Sample ID:	SB-49(29-31)	SB-50(15-16)	SB-50(25-30)	SB-52(7-9)	SB-52(48-50)	SB-53(11-13)	SB-53(29-31)
					Lab Sample Id:	F1028-11	F1028-12	F1028-13	F1028-03	F1028-01	F1028-02	F1028-08
					Depth:	29 - 31 ft	15 - 16 ft	25 - 30 ft	7 - 9 ft	48 - 50 ft	11 - 13 FT	29 - 31 FT
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1028	F1028	F1028	F1028	F1028	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/8/2014 10:52	1/8/2014 13:45	1/8/2014 14:05	1/6/2014 8:35	1/6/2014 11:25	12/31/2013 9:45	12/31/2013 10:50
					Validated:	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	0.0071 J	0.0104 J	0.0064 J	0.0059 J	0.0098 J	ND	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.0014 J	0.0069	ND	0.0049 J	0.011	**47.6**	0.0068
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.11 J	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.13 J	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.0016 J	0.0199	ND	0.0028 J	0.0055 J	**204.6**	0.0145
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.0046 J	ND	ND	0.0021 J	11.9	0.0014 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	0.0091 J	ND	0.0022 J	0.0059 J	**66**	0.0132
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.59 J	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	0.0034 J	ND	ND	ND	0.0022 J	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	0.0017 J	ND	ND	0.0094	**3.3**	0.0032 J
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	0.0018 J	ND	0.0012 J
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	0.002 J	0.0016 J	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	0.0017 J	**1.7**	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg						ND	ND
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.0135**	**0.0526**	**0.0084**	**0.0174**	**0.0494**	**335.93**	**0.0403**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-49	SB-50	SB-50	SB-52	SB-52	SB-53	SB-53
					Sample ID:	SB-49(29-31)	SB-50(15-16)	SB-50(25-30)	SB-52(7-9)	SB-52(48-50)	SB-53(11-13)	SB-53(29-31)
					Lab Sample Id:	F1028-11	F1028-12	F1028-13	F1028-03	F1028-01	F1028-02	F1028-08
					Depth:	29 - 31 ft	15 - 16 ft	25 - 30 ft	7 - 9 ft	48 - 50 ft	11 - 13 FT	29 - 31 FT
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1028	F1028	F1028	F1028	F1028	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/8/2014 10:52	1/8/2014 13:45	1/8/2014 14:05	1/6/2014 8:35	1/6/2014 11:25	12/31/2013 9:45	12/31/2013 10:50
					Validated:	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	0.11 J	0.31 J	ND	ND	ND	654.3	0.18 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	0.12 J	ND	ND	ND	**32.5**	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	ND	ND	35.5	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	0.0889 J	ND	ND	ND	63.4	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.14 J	ND	0.13 J	ND	**30.3**	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.11 J	ND	0.13 J	ND	**14.4**	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.12 J	ND	0.17 J	ND	**13.4**	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	0.0964 J	ND	4.7	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	ND	ND	**4.4**	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	12.4	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	0.14 J	ND	0.54 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	2.3	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.12 J	ND	0.11 J	ND	**23.2**	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	**1.7** J	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	**7.5**	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	0.39	0.59	0.38	0.59	0.71	ND	0.15 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	0.18 J	ND	0.17 J	ND	44.8	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	0.1 J	ND	ND	ND	**78.9**	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	ND	ND	**3.6**	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	0.0963 J	0.38 J	ND	ND	0.13 J	**1079.6**	0.33 J
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	0.11 J	0.27 J	ND	0.13 J	ND	**283**	0.0879 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	0.25 J	ND	0.17 J	ND	72	ND
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.7063**	**2.7789**	**0.38**	**1.8364**	**0.84**	**2462.44**	**0.7479**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-49	SB-50	SB-50	SB-52	SB-52	SB-53	SB-53
					Sample ID:	SB-49(29-31)	SB-50(15-16)	SB-50(25-30)	SB-52(7-9)	SB-52(48-50)	SB-53(11-13)	SB-53(29-31)
					Lab Sample Id:	F1028-11	F1028-12	F1028-13	F1028-03	F1028-01	F1028-02	F1028-08
					Depth:	29 - 31 ft	15 - 16 ft	25 - 30 ft	7 - 9 ft	48 - 50 ft	11 - 13 FT	29 - 31 FT
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1028	F1028	F1028	F1028	F1028	F1028	F1028
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/8/2014 10:52	1/8/2014 13:45	1/8/2014 14:05	1/6/2014 8:35	1/6/2014 11:25	12/31/2013 9:45	12/31/2013 10:50
					Validated:	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	7400	3000	4100 J	9600	7300 J	2300	2800
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.609 J	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.64	4.05	1.49 J	4.26	1.55	7.92	0.513 J
7440-39-3	BARIUM	350	400	820	mg/Kg	43.4 J-	35.5 J-	20.4 J	48.8	52.2 J	30.7	22.5
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.246 J	0.145 J	0.084 J	0.254 J	0.242 J	ND	0.115 J
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	1.79	0.764	1.4 J	2.08	2.1	**3.15**	0.628
7440-70-2	CALCIUM	--	--	--	mg/Kg	692	6600	566 J	7000	1200 J	16000	855
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	22	6.65	14.3 J	19.7	23.9	9.53	8.58
7440-48-4	COBALT	--	--	--	mg/Kg	11.7	4.82	5.57 J	7.93	9.12	5.55	3.6
7440-50-8	COPPER	50	270	1720	mg/Kg	19.1	19.5	18.5 J	31.4	22.5 J	**82.2**	9.28
7439-89-6	IRON	--	--	--	mg/Kg	25400	11100	23200 J	20000	23500 J	30300	8000
7439-92-1	LEAD	63	1000	450	mg/Kg	5.26	43.6	0.533 J	**1500**	4.42	38.4	1.82
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	4600	1300	1400 J	4800	2700	7600	1100
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	116	156	206 J	245	168 J	103	63.8
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.006 J	0.035	ND	0.159	ND	0.034	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	**41.2**	10.46	13.1 J	16.5	19.9 J	18.4	7.79
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1900	374	1000 J	641	2000 J	340	540
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	2	1.23	1.79 J	1.59	1.59	2.57	0.651 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.997	0.437 J	0.853 J	0.989	1.05 J	1.49	0.357 J
7440-23-5	SODIUM	--	--	--	mg/Kg	750	381	122 J	550	182 J	373	244
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	26.8	15.9	20.5 J	29.7	30.4	17.7	11.9
7440-66-6	ZINC	109	10000	2480	mg/Kg	41	33.4	16.8 J	76.5	41.3 J	53.1	14
57-12-5	CYANIDE	27	27	40	mg/Kg	0.07 J	0.282 J	ND	0.414	0.119 J	17.5	0.206 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-54	SB-54	SB-55	SB-55	SB-55D	SB-55D	SB-56
					Sample ID:	SB-54(19-21)-20140117	SB-54(28-30)-20140117	SB-55(15-17)-20140117	SB-55(17-19)-20140117	SB-55D(25-26)-20140221	SB-55D(40-42)-20140221	SB-56(7-9)-20140120
					Lab Sample Id:	F1204-01	F1204-02	F1204-03	F1204-04	F1466-02	F1466-01	F1204-05
					Depth:	19 - 21 ft	28 - 30 ft	15 - 17 ft	17 - 19 ft	25 - 26 ft	40 - 42 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1204	F1204	F1204	F1466	F1466	F1204
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/17/2014 9:25	1/17/2014 10:00	1/17/2014 12:30	1/17/2014 12:55	2/21/2014 9:50	2/21/2014 11:00	1/20/2014 8:50
					Validated:	4/28/2014	4/28/2014	4/28/2014	4/28/2014	4/29/2014	4/29/2014	4/28/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	0.18 J	0.0018 J	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	0.48 J	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	0.99	0.0137	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	**12**	0.0045 J	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	ND	ND	0.0385 J	ND	ND	**0.0977**
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	**2.8**	ND	**30.1**	0.0186	ND	0.0149	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	0.0652	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	**8.6**	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	**13.7**	ND	**287.8**	0.0984	0.0048 J	0.0682	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	3.5	ND	ND	0.0179	ND	0.0066	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	**3.7**	ND	**32.4**	0.0075 J	0.0028 J	0.0363	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	0.0118 J
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.0038 J	0.0052 J
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	0.22 J	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	0.0065	ND	0.0155	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	**0.55** J	ND	**11**	0.0038 J	ND	0.0036 J	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.0041 J	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	0.0018 J	ND	ND	ND	0.0015 J	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	0.14 J	ND	**0.99**	ND	0.0015 J	0.0039 J	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**46.64**	**0.0283**	**362.51**	**0.2654**	**0.0091**	**0.1429**	**0.1147**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-54	SB-54	SB-55	SB-55	SB-55D	SB-55D	SB-56
					Sample ID:	SB-54(19-21)-20140117	SB-54(28-30)-20140117	SB-55(15-17)-20140117	SB-55(17-19)-20140117	SB-55D(25-26)-20140221	SB-55D(40-42)-20140221	SB-56(7-9)-20140120
					Lab Sample Id:	F1204-01	F1204-02	F1204-03	F1204-04	F1466-02	F1466-01	F1204-05
					Depth:	19 - 21 ft	28 - 30 ft	15 - 17 ft	17 - 19 ft	25 - 26 ft	40 - 42 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1204	F1204	F1204	F1466	F1466	F1204
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/17/2014 9:25	1/17/2014 10:00	1/17/2014 12:30	1/17/2014 12:55	2/21/2014 9:50	2/21/2014 11:00	1/20/2014 8:50
					Validated:	4/28/2014	4/28/2014	4/28/2014	4/28/2014	4/29/2014	4/29/2014	4/28/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	350.1 J	ND	300.5	0.21 J	ND	ND	0.62 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	**71** J	ND	**122.5**	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	15.5 J	ND	10.5	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	50 J	ND	42	ND	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	**25.7** J	ND	**19.1**	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	**14.8** J	ND	**12.2**	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	**10.4** J	ND	**9**	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	5.5 J	ND	3.9	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	**6.2** J	ND	**3.5**	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	1.9 J	ND	20.3	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.11 J	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.57 J
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	0.81 J	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	**20.9** J	ND	**17.6**	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	**1.4** J	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	6.7 J	ND	6.4	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	0.32 J	ND	0.46 J	1.3	1	ND
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	41.4 J	ND	32.9	ND	ND	ND	0.56 J
86-73-7	FLUORENE	30	500	386	mg/Kg	**62** J	ND	**66.5**	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	**5** J	ND	**3.5**	ND	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	7.3	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	**435.3** J	ND	**372.7**	0.31 J	ND	ND	0.73 J
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	**162.5** J	ND	**143**	ND	ND	ND	0.64 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	61.2 J	ND	47.4	ND	ND	ND	0.59 J
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**1346.1**	**0.32**	**1243.01**	**0.98**	**1.3**	**1.11**	**3.71**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-54	SB-54	SB-55	SB-55	SB-55D	SB-55D	SB-56
					Sample ID:	SB-54(19-21)-20140117	SB-54(28-30)-20140117	SB-55(15-17)-20140117	SB-55(17-19)-20140117	SB-55D(25-26)-20140221	SB-55D(40-42)-20140221	SB-56(7-9)-20140120
					Lab Sample Id:	F1204-01	F1204-02	F1204-03	F1204-04	F1466-02	F1466-01	F1204-05
					Depth:	19 - 21 ft	28 - 30 ft	15 - 17 ft	17 - 19 ft	25 - 26 ft	40 - 42 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1204	F1204	F1204	F1466	F1466	F1204
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/17/2014 9:25	1/17/2014 10:00	1/17/2014 12:30	1/17/2014 12:55	2/21/2014 9:50	2/21/2014 11:00	1/20/2014 8:50
					Validated:	4/28/2014	4/28/2014	4/28/2014	4/28/2014	4/29/2014	4/29/2014	4/28/2014
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	13200 J	2200 J	4000 J	15200 J	7910	3340	5900 J
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	2.09 J	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	2.7	0.581 J	5.96	10.45	4.3	1.53	6.87
7440-39-3	BARIUM	350	400	820	mg/Kg	83.3 J	11.2 J	53.9 J	32.7 J	49 J+	22.1 J+	54.2 J
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.115 J	ND	ND	0.205 J	ND	ND	ND
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	1.24	0.208 J	0.737	2	0.39	0.089 J	1.79
7440-70-2	CALCIUM	--	--	--	mg/Kg	3900 J	458 J	5800 J	1900 J	504	531	13500 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**34** J	17.2 J	**62.2** J	**34.7** J	21.1	14.4	26.5 J
7440-48-4	COBALT	--	--	--	mg/Kg	11.8	2.29	3.6	15.4	11.8 J+	5.94 J+	7.38
7440-50-8	COPPER	50	270	1720	mg/Kg	20.2 J	2.68 J	22.9 J	10.27 J	36.7 J	7.03 J	28.8 J
7439-89-6	IRON	--	--	--	mg/Kg	22500	6500	13900	41200	29600	14700	22800
7439-92-1	LEAD	63	1000	450	mg/Kg	53.6	2.37	**183**	14.4	5.22	1.52	**111**
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	5200	1200	2100	8100	2740	1380	4600
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	208 J	170 J	109 J	498 J	131 J	438 J	212 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.036	ND	0.058	0.018	ND	ND	0.17
7440-02-0	NICKEL	30	310	130	mg/Kg	27.7	7.35	**36.5**	**32.8**	21.8	14.1	18.8
7440-09-7	POTASSIUM	--	--	--	mg/Kg	3500	614	728	3900	1680	1240	760
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.84	0.556 J	2.25	2.86	0.928 J	ND	1.73
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	0.253 J	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	1700	365	1500	2000	320	89.5 J	177
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	39.7 J	12.2 J	19.8 J	52.6 J	23.3	14.2	32 J
7440-66-6	ZINC	109	10000	2480	mg/Kg	87.4	12.9	**177**	100	31.7	14.1	**322**
57-12-5	CYANIDE	27	27	40	mg/Kg	0.21 J	ND	ND	0.24 J	0.161 J	0.2 J	0.788

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-56	SB-61	SB-61	SB-62	SB-62	SB-69	SB-69
					Sample ID:	SB-56(29-31)-20140120	SB-61(13-15)-20140224	SB-61(32-34)-20140224	SB-62(17-19)-20140225	SB-62(29-31)-20140225	SB-69(9-11)-20140226	SB-69(29-31)-20140226
					Lab Sample Id:	F1204-06	F1518-11	F1518-12	F1518-15	F1518-16	F1518-17	F1518-18
					Depth:	29 - 31 ft	13 - 15 ft	32 - 34 ft	17 - 19 ft	29 - 31 ft	9 - 11 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1518	F1518	F1518	F1518	F1518	F1518
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/20/2014 9:27	2/24/2014 10:15	2/24/2014 11:15	2/25/2014 9:42	2/25/2014 10:30	2/26/2014 9:19	2/26/2014 10:04
					Validated:	4/28/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	ND	**41.8** J	0.0256 J	0.0372 J	0.0342 J	**0.0509** J+	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	**92.6**	**0.0817** J	**2.6** J	**0.25** J	**2.4**	0.0025 J
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	0.0696 J	0.0147 J	0.0076 J	0.0043 J	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	0.0153 J	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	**393.8**	0.23 J	**2.3** J	0.0332 J	0.0405	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	17.6	0.0281 J	0.077 J	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	**313.3**	**0.27** J	**0.48** J	0.0196 J	0.0255	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	ND	0.0095 J	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	0.0114 J	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	ND	0.0097 J	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	**152**	0.14 J	0.19 J	0.013 J	0.0078	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	32.1	0.0084 J	0.0151 J	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	0.0026 J	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	0.0023 J	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	**262.6**	0.14 J	0.22 J	0.004 J	0.01	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	**--**	**--**	**--**	**mg/Kg**	**0.0049**	**1305.8**	**0.9934**	**5.9704**	**0.3616**	**2.5485**	**0.0025**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-56	SB-61	SB-61	SB-62	SB-62	SB-69	SB-69
					Sample ID:	SB-56(29-31)-20140120	SB-61(13-15)-20140224	SB-61(32-34)-20140224	SB-62(17-19)-20140225	SB-62(29-31)-20140225	SB-69(9-11)-20140226	SB-69(29-31)-20140226
					Lab Sample Id:	F1204-06	F1518-11	F1518-12	F1518-15	F1518-16	F1518-17	F1518-18
					Depth:	29 - 31 ft	13 - 15 ft	32 - 34 ft	17 - 19 ft	29 - 31 ft	9 - 11 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1518	F1518	F1518	F1518	F1518	F1518
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/20/2014 9:27	2/24/2014 10:15	2/24/2014 11:15	2/25/2014 9:42	2/25/2014 10:30	2/26/2014 9:19	2/26/2014 10:04
					Validated:	4/28/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	1726.5	ND	0.27 J	0.15 J	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	**314.5**	ND	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	**343.3**	ND	0.21 J	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	**228.5**	ND	ND	ND	0.0895 J	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	**153.3**	ND	ND	ND	0.23 J	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	**117.5**	ND	ND	ND	0.19 J	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	**93.6**	ND	ND	ND	0.21 J	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	37.8	ND	ND	ND	0.12 J	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	**16.4**	ND	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	145	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	0.11 J	0.15 J	ND	0.12 J	0.088 J
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	10.3 J	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	**131**	ND	ND	ND	0.18 J	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	**13.2** J	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	**43.2**	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	0.38 J	ND	0.45 J	1.5 J	1.3 J	1.8	0.62
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	**265.3**	ND	ND	ND	0.55	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	**447**	ND	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	**31**	ND	ND	ND	0.1 J	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	**3169.9**	0.14 J	0.98 J	0.35 J	0.12 J	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	**843.5** J	ND	ND	ND	0.35 J	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	0.17 J	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	**396.7**	ND	ND	ND	0.37 J	ND
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**0.38**	**8527.5**	**0.7**	**3.28**	**1.8**	**4.4295**	**0.708**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-56	SB-61	SB-61	SB-62	SB-62	SB-69	SB-69
					Sample ID:	SB-56(29-31)-20140120	SB-61(13-15)-20140224	SB-61(32-34)-20140224	SB-62(17-19)-20140225	SB-62(29-31)-20140225	SB-69(9-11)-20140226	SB-69(29-31)-20140226
					Lab Sample Id:	F1204-06	F1518-11	F1518-12	F1518-15	F1518-16	F1518-17	F1518-18
					Depth:	29 - 31 ft	13 - 15 ft	32 - 34 ft	17 - 19 ft	29 - 31 ft	9 - 11 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1204	F1518	F1518	F1518	F1518	F1518	F1518
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	1/20/2014 9:27	2/24/2014 10:15	2/24/2014 11:15	2/25/2014 9:42	2/25/2014 10:30	2/26/2014 9:19	2/26/2014 10:04
					Validated:	4/28/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	6100 J	3010	15000	17600 J	15700	3320	6590
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	2.28 J	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	1.24	11.7	9.04	6.41 J	9.84	3.55	2.41
7440-39-3	BARIUM	350	400	820	mg/Kg	40.1 J	68.5 J+	39.9 J+	42 J	57.7 J+	53.9 J+	41.3 J+
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.876	1.04	1.17	0.947 J	1.33	0.175 J	0.331
7440-70-2	CALCIUM	--	--	--	mg/Kg	801 J	2930 J	1730 J	4990 J	6310 J	7220 J	542 J
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	23.5 J	10.91	**34.2**	**36.3** J	**33.2**	7.84	16.4
7440-48-4	COBALT	--	--	--	mg/Kg	9.63	7.55 J+	15.8 J+	13.9 J	15.7 J+	3.04 J+	8.69 J+
7440-50-8	COPPER	50	270	1720	mg/Kg	14.7 J	**78.4** J	6.44 J	7.22 J	6.38 J	21.6 J	15.2 J
7439-89-6	IRON	--	--	--	mg/Kg	20600	21700	40400	39300 J	42400	7090	20500
7439-92-1	LEAD	63	1000	450	mg/Kg	2.83	**406**	14.2	26.2 J	40.4	**100**	5.82
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2500	847	9170	9510 J	8840	1870	2590
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	325 J	84.8 J	634 J	410 J	613 J	49.6 J	352 J
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	ND	**0.283**	0.009 J	ND	**0.197**	0.108	ND
7440-02-0	NICKEL	30	310	130	mg/Kg	23.4	23	**30.5**	**31.9** J	**32.1**	9.2	17.3
7440-09-7	POTASSIUM	--	--	--	mg/Kg	2100	431	4190	4540 J	3930	724	1810
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.36	3.24	1.94	1.91 J	2.08	1.79	0.728 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	0.734	1.44	1.42 J	1.56	0.194 J	0.594
7440-23-5	SODIUM	--	--	--	mg/Kg	131	603	6220	3960 J	3480	1770	169
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	33.3 J	21.5	42	48.6 J	39.5	13	20.9
7440-66-6	ZINC	109	10000	2480	mg/Kg	31.4	**355**	83.8	90.1 J	**117**	74.2	34.2
57-12-5	CYANIDE	27	27	40	mg/Kg	0.092 J	**28.6**	0.064 J	0.143 J	ND	0.364	4.48

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-70	SB-70	SB-72	SB-72	SB-73	SB-73	SB-74
					Sample ID:	SB-70(7-9)-20140224	SB-70(29-31)-20140224	SB-72(7-9)-20141215	SB-72(15-17)-20141215	SB-73(14-16)-20150113	SB-73(28-30)-20150113	SB-74(7-9)-20141110
					Lab Sample Id:	F1518-13	F1518-14	F5197-06	F5197-07	G1159-01	G1159-02	F4695-06
					Depth:	7 - 9 ft	29 - 31 ft	7 - 9 ft	15 - 17 ft	14 - 16 ft	28 - 30 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1518	F1518	F5197	F5197	G1159	G1159	F4695
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/24/2014 13:50	2/24/2014 14:45	12/15/2014 11:50	12/15/2014 13:35	1/13/2015 10:00	1/13/2015 12:00	11/10/2014 12:55
					Validated:	5/21/2014	5/21/2014	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	R	ND	ND	ND	R
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	R	ND	ND	ND	R
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	R	ND	ND	ND	R
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	R	ND	ND	ND	R
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	0.0456	ND	0.0266 J	ND	ND	ND	0.031
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	0.0128	0.011	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	0.0063	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	0.018	0.0018 J	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	0.0014 J	ND	ND	ND	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	0.0226	0.0014 J	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	0.0043 J	ND	ND	ND	ND	ND	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.005 J
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	ND	0.0024 J	0.0027 J	ND	0.0032 J	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	0.0148	ND	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	0.0021 J	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	0.0026 J	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	0.0197	0.0057 J	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.1413**	**0.0225**	**0.029**	**0.0027**	**ND**	**0.0095**	**0.036**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-70	SB-70	SB-72	SB-72	SB-73	SB-73	SB-74
					Sample ID:	SB-70(7-9)-20140224	SB-70(29-31)-20140224	SB-72(7-9)-20141215	SB-72(15-17)-20141215	SB-73(14-16)-20150113	SB-73(28-30)-20150113	SB-74(7-9)-20141110
					Lab Sample Id:	F1518-13	F1518-14	F5197-06	F5197-07	G1159-01	G1159-02	F4695-06
					Depth:	7 - 9 ft	29 - 31 ft	7 - 9 ft	15 - 17 ft	14 - 16 ft	28 - 30 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1518	F1518	F5197	F5197	G1159	G1159	F4695
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/24/2014 13:50	2/24/2014 14:45	12/15/2014 11:50	12/15/2014 13:35	1/13/2015 10:00	1/13/2015 12:00	11/10/2014 12:55
					Validated:	5/21/2014	5/21/2014	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	3.3 J	ND	ND	ND	ND	ND	0.22 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	ND	ND	ND	ND	0.21 J
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	0.79 J	ND	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	ND	ND	R	R	ND	ND	R
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	**1.1** J	ND	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	0.76 J	ND	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	0.89 J	ND	ND	ND	0.0833 J	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	0.76 J	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	1 J	ND	ND	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	ND	0.96	0.67	0.16 J	0.11 J	0.14 J	0.28 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	3.2 J	ND	ND	ND	0.14 J	ND	0.14 J
86-73-7	FLUORENE	30	500	386	mg/Kg	0.81 J	ND	ND	ND	ND	ND	0.21 J
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	4.7	ND	ND	ND	ND	ND	0.6
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	2.7 J	ND	ND	ND	ND	ND	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	ND	0.16 J	0.15 J	0.19 J	0.0831 J
129-00-0	PYRENE	100	500	1000	mg/Kg	1.9 J	ND	ND	ND	0.12 J	ND	0.12 J
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**21.91**	**0.96**	**0.67**	**0.32**	**0.6033**	**0.33**	**1.8631**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-70	SB-70	SB-72	SB-72	SB-73	SB-73	SB-74
					Sample ID:	SB-70(7-9)-20140224	SB-70(29-31)-20140224	SB-72(7-9)-20141215	SB-72(15-17)-20141215	SB-73(14-16)-20150113	SB-73(28-30)-20150113	SB-74(7-9)-20141110
					Lab Sample Id:	F1518-13	F1518-14	F5197-06	F5197-07	G1159-01	G1159-02	F4695-06
					Depth:	7 - 9 ft	29 - 31 ft	7 - 9 ft	15 - 17 ft	14 - 16 ft	28 - 30 ft	7 - 9 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F1518	F1518	F5197	F5197	G1159	G1159	F4695
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	2/24/2014 13:50	2/24/2014 14:45	12/15/2014 11:50	12/15/2014 13:35	1/13/2015 10:00	1/13/2015 12:00	11/10/2014 12:55
					Validated:	5/21/2014	5/21/2014	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	6160	9070	7880	4610	5530	5420	3740
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	5.25	1.11	3.98	2.45	2.61	1.99	5.32
7440-39-3	BARIUM	350	400	820	mg/Kg	53.5 J+	86.9 J+	105	23.5	37.3	37.8	35.9
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	ND	ND	0.512	0.36	0.395	0.475	0.329
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	1.09	0.503	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	11700 J	448 J	1440	629	2950	2450	1780
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	13.4	24.9	19.7	16.3	14.7	23.6	11.5
7440-48-4	COBALT	--	--	--	mg/Kg	6.83 J+	12.3 J+	10.71	6.58	8.24	9.58	6.78
7440-50-8	COPPER	50	270	1720	mg/Kg	29.6 J	10.36 J	**129**	16.3	41.1 J+	13.7 J+	30.5 J+
7439-89-6	IRON	--	--	--	mg/Kg	19100	24800	23300	12400	15400	17200	11800
7439-92-1	LEAD	63	1000	450	mg/Kg	**94.9**	3.48	39	21.4	23.5	4.65	44.9
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	1890	4500	2630	1650	2580	3050	1690
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	212 J	257 J	554	521	171 J+	1550 J+	173 J+
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.102	ND	0.061	0.037	0.106	0.005 J	0.091
7440-02-0	NICKEL	30	310	130	mg/Kg	17.7	19.3	21.8	16.8	29.3	29.9	18.4
7440-09-7	POTASSIUM	--	--	--	mg/Kg	581	5550	2980	1170	1180	1560	664
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.01	0.738 J	1.14	0.641 J	0.577 J	0.707 J	0.808 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	0.489 J	0.529 J	0.163 J	0.155 J	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	482	151	234	672	238	1150	190
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	25.6	33.3	27.6	18.1	17.7	25.7	14.9
7440-66-6	ZINC	109	10000	2480	mg/Kg	88.2	47.4	**156**	35.2	48.4	34.4	43.9
57-12-5	CYANIDE	27	27	40	mg/Kg	0.262 J	0.069 J	ND	ND	ND	ND	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only								SB-75(5-7)-20141110			SB-76(11-13)-20150623	
					Location ID:	SB-74	SB-75	SB-75	SB-75	SB-76	SB-76	SB-76
					Sample ID:	SB-74(13-15)-20141110	SB-75(5-7)-20141110	SB-175(5-7)-20141110	SB-75(15-20)-20141110	SB-76(11-13)-20150623	SB-176(11-13)-20150623	SB-76(8-10)-20150623
					Lab Sample Id:	F4695-07	F4695-01	F4695-05	F4695-02	G2747-02	G2747-05	G2747-01
					Depth:	13 - 15 ft	5 - 7 ft	5 - 7 ft	15 - 20 ft	11 - 13 ft	11 - 13 ft	8 - 10 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F4695	F4695	F4695	F4695	G2747	G2747	G2747
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	11/10/2014 13:15	11/10/2014 9:00	11/10/2014 9:00	11/10/2014 10:05	6/23/2015 11:00	6/23/2015 11:00	6/23/2015 10:50
					Validated:	2/25/2015	2/25/2015	2/25/2015	2/25/2015	7/28/2015	7/28/2015	7/28/2015
CAS NO.	COMPOUND				UNITS:							
	VOLATILES											
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	0.012 J	ND	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	**0.0672**	ND	ND	ND	**0.21** J	**0.0612** J	0.0177 J
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	0.0021 J	ND	ND	ND	ND	ND	ND
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	0.0016 J	0.003 J	ND	ND	0.0041 J	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	0.0136 J	ND	ND	ND	0.0554 J	0.0152 J	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	ND	0.0037 J	ND	ND	0.0017 J	0.0022 J	0.0014 J
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	0.0017 J	0.0026 J	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg							
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg							
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg							
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg							
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.0829**	**0.007**	**0.0056**	**0.012**	**0.2671**	**0.0827**	**0.0191**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only								SB-75(5-7)-20141110			SB-76(11-13)-20150623	
					Location ID:	SB-74	SB-75	SB-75	SB-75	SB-76	SB-76	SB-76
					Sample ID:	SB-74(13-15)-20141110	SB-75(5-7)-20141110	SB-175(5-7)-20141110	SB-75(15-20)-20141110	SB-76(11-13)-20150623	SB-176(11-13)-20150623	SB-76(8-10)-20150623
					Lab Sample Id:	F4695-07	F4695-01	F4695-05	F4695-02	G2747-02	G2747-05	G2747-01
					Depth:	13 - 15 ft	5 - 7 ft	5 - 7 ft	15 - 20 ft	11 - 13 ft	11 - 13 ft	8 - 10 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F4695	F4695	F4695	F4695	G2747	G2747	G2747
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	11/10/2014 13:15	11/10/2014 9:00	11/10/2014 9:00	11/10/2014 10:05	6/23/2015 11:00	6/23/2015 11:00	6/23/2015 10:50
					Validated:	2/25/2015	2/25/2015	2/25/2015	2/25/2015	7/28/2015	7/28/2015	7/28/2015
CAS NO.	COMPOUND				UNITS:							
	SEMIVOLATILES											
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	1.1	1.6	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	0.0803 J	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	0.14 J	0.31 J	ND	0.11 J	0.27 J	0.25 J
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	0.14 J	0.25 J	ND	0.0934 J	0.17 J	0.1 J
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	R	R	R	R	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	0.39	0.65	ND	0.26 J	0.33 J	0.3 J
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	0.3 J	0.49	ND	0.3 J	0.41 J	0.37 J
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	0.45	0.6	ND	0.37 J	0.46 J	0.4
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	0.2 J	0.31 J	ND	0.23 J	0.35 J	0.35 J
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	0.0787 J	0.28 J	ND	0.0964 J	0.11 J	0.16 J
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	0.34 J	0.44	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	0.44	0.62	ND	0.26 J	0.3 J	0.37 J
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	0.0848 J	ND	0.0938 J	0.17 J	0.14 J
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	1	0.29 J	0.27 J	0.38 J	0.47	0.59	0.26 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	0.75	0.53	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	ND	0.54	0.75	ND	0.29 J	0.26 J	0.25 J
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	0.14 J	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	0.18 J	0.25 J	ND	0.19 J	0.3 J	0.28 J
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	3.5 J+	5	0.15 J	ND	0.14 J	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	0.5	0.66	ND	0.17 J	0.14 J	0.12 J
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	ND	ND	0.0922 J	ND	ND	ND	ND
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	0.7	1	ND	0.35 J	0.38 J	0.4
	TOTAL SVOCS	**--**	**--**	**--**	**mg/kg**	**1**	**10.0387**	**14.4073**	**0.53**	**3.2836**	**4.38**	**3.75**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only								SB-75(5-7)-20141110			SB-76(11-13)-20150623	
					Location ID:	SB-74	SB-75	SB-75	SB-75	SB-76	SB-76	SB-76
					Sample ID:	SB-74(13-15)-20141110	SB-75(5-7)-20141110	SB-175(5-7)-20141110	SB-75(15-20)-20141110	SB-76(11-13)-20150623	SB-176(11-13)-20150623	SB-76(8-10)-20150623
					Lab Sample Id:	F4695-07	F4695-01	F4695-05	F4695-02	G2747-02	G2747-05	G2747-01
					Depth:	13 - 15 ft	5 - 7 ft	5 - 7 ft	15 - 20 ft	11 - 13 ft	11 - 13 ft	8 - 10 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F4695	F4695	F4695	F4695	G2747	G2747	G2747
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	11/10/2014 13:15	11/10/2014 9:00	11/10/2014 9:00	11/10/2014 10:05	6/23/2015 11:00	6/23/2015 11:00	6/23/2015 10:50
					Validated:	2/25/2015	2/25/2015	2/25/2015	2/25/2015	7/28/2015	7/28/2015	7/28/2015
CAS NO.	COMPOUND				UNITS:							
	INORGANICS											
7429-90-5	ALUMINUM	--	--	--	mg/Kg	6770	5850	4850	8390 J	6570	6780	7890
7440-36-0	ANTIMONY	--	--	--	mg/Kg	ND	0.667 J	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	2.32	8.91	8.06	3.53	8.22	**13.5**	3.02
7440-39-3	BARIUM	350	400	820	mg/Kg	53.6	119	122	23.5	57.3 J	75.5 J	60
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.536	0.462	0.401	0.542	0.451	0.662	0.467
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	ND	ND	ND	ND	0.537	0.764	0.752
7440-70-2	CALCIUM	--	--	--	mg/Kg	1190	30600 J	19900 J	1580 J	2610 J	12400 J	5890
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	16.8	16.1	13.9	20.8 J	14.7 J-	14	15.2
7440-48-4	COBALT	--	--	--	mg/Kg	8.55	8	6.62	8.43	6.66	7.51	8.48
7440-50-8	COPPER	50	270	1720	mg/Kg	14 J+	**52.6** J+	**55.2** J+	13.6 J	26.9	32	23.2
7439-89-6	IRON	--	--	--	mg/Kg	18500	18600	15700	17800	15700	16100	18200
7439-92-1	LEAD	63	1000	450	mg/Kg	22.1	**235**	**269**	19.7	**63.1**	**83.9**	**131**
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2590	12800 J	7980 J	2590 J	1960 J	6330 J	2580
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	274 J+	211 J+	177 J+	82.1 J	102 J	132 J	193
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	0.039	0.166	0.157	0.017	0.08	0.113	0.177
7440-02-0	NICKEL	30	310	130	mg/Kg	19.4	22.8	18	18.2	17.1	20.6	16.8
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1460	748	637	1670 J	881	902	1370
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	0.547 J	0.589 J	0.616 J	0.868 J	ND	ND	ND
7440-22-4	SILVER	2	1500	8.3	mg/Kg	ND	ND	ND	ND	1.12 J-	1.17	1.25
7440-23-5	SODIUM	--	--	--	mg/Kg	543	275	239	413	298	445	154
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	20.5	20.8	19	28.2 J	21.6 J	25.1 J	23.5
7440-66-6	ZINC	109	10000	2480	mg/Kg	41.4	**197**	**187**	38.7 J+	57.5	87.9	74
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	0.645 J	0.088 J	ND	0.094 J	0.267 J	0.194 J

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-77	SB-77	SB-84	SB-84	SB-85	SB-85
					Sample ID:	SB-77(7-9)-20141216	SB-77(15-17)-20141216	SB-84(7-9)-20150114	SB-84(17-19)-20150114	SB-85(7-9)-20150115	SB-85(29-31)-20150115
					Lab Sample Id	F5197-08	F5197-09	G1159-03	G1159-04	G1159-07	G1159-08
					Depth:	7 - 9 ft	15 - 17 ft	7 - 9 ft	17 - 19 ft	7 - 9 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F5197	F5197	G1159	G1159	G1159	G1159
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	12/16/2014 8:10	12/16/2014 8:30	1/14/2015 9:35	1/14/2015 10:50	1/15/2015 9:10	1/15/2015 11:30
					Validated:	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:						
	VOLATILES										
79-34-5	1,1,2,2-TETRACHLOROETHANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
120-82-1	1,2,4-TRICHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
95-50-1	1,2-DICHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND
541-73-1	1,3-DICHLOROBENZENE	2.4	280	2.4	mg/Kg	ND	ND	ND	ND	ND	ND
106-46-7	1,4-DICHLOROBENZENE	1.8	130	1.8	mg/Kg	ND	ND	ND	ND	ND	ND
591-78-6	2-HEXANONE	--	--	--	mg/Kg	ND	ND	ND	0.0116 J	ND	ND
67-64-1	ACETONE	0.05	500	0.05	mg/Kg	0.0253 J	ND	ND	ND	**0.45**	ND
71-43-2	BENZENE	0.06	44	0.06	mg/Kg	ND	ND	ND	ND	ND	ND
75-15-0	CARBON DISULFIDE	--	--	--	mg/Kg	ND	ND	0.0016 J	ND	ND	0.0077 J
108-90-7	CHLOROBENZENE	1.1	500	1.1	mg/Kg	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	0.37	350	0.37	mg/Kg	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	0.25	500	0.25	mg/Kg	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	1	390	1	mg/Kg	ND	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND
79-20-9	METHYL ACETATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	0.12	500	0.12	mg/Kg	ND	ND	ND	ND	0.0966	ND
108-10-1	METHYL ISOBUTYL KETONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
75-09-2	METHYLENE CHLORIDE	0.05	500	0.05	mg/Kg	0.0033 J	0.0043 J	0.0033 J	ND	ND	0.0041 J
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	0.26	500	1.6	mg/Kg	ND	ND	ND	ND	ND	ND
100-42-5	STYRENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	0.93	500	0.93	mg/Kg	ND	ND	ND	ND	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	1.3	150	1.3	mg/Kg	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	0.7	500	0.7	mg/Kg	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	0.47	200	0.47	mg/Kg	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	3.6	190	3.6	mg/kg						
108-67-8	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	8.4	190	8.4	mg/kg						
103-65-1	N-PROPYLBENZENE	3.9	500	3.9	mg/kg						
135-98-8	SEC-BUTYLBENZENE	11	500	11	mg/kg						
	TOTAL VOCS	--	--	--	**mg/Kg**	**0.0286**	**0.0043**	**0.0049**	**0.0116**	**0.5466**	**0.0118**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria
(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration; J+ indicated an estimated concentration biased high.
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-77	SB-77	SB-84	SB-84	SB-85	SB-85
					Sample ID:	SB-77(7-9)-20141216	SB-77(15-17)-20141216	SB-84(7-9)-20150114	SB-84(17-19)-20150114	SB-85(7-9)-20150115	SB-85(29-31)-20150115
					Lab Sample Id	F5197-08	F5197-09	G1159-03	G1159-04	G1159-07	G1159-08
					Depth:	7 - 9 ft	15 - 17 ft	7 - 9 ft	17 - 19 ft	7 - 9 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F5197	F5197	G1159	G1159	G1159	G1159
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	12/16/2014 8:10	12/16/2014 8:30	1/14/2015 9:35	1/14/2015 10:50	1/15/2015 9:10	1/15/2015 11:30
					Validated:	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:						
	SEMIVOLATILES										
95-94-3	1,2,4,5-TETRACHLOROBENZENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
58-90-2	2,3,4,6-TETRACHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND
88-06-2	2,4,6-TRICHLOROPHENOL	--	--	--	mg/kg	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	0.33	500	0.33	mg/Kg	ND	ND	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20	500	98	mg/Kg	ND	ND	ND	0.16 J	ND	ND
208-96-8	ACENAPHTHYLENE	100	500	107	mg/Kg	ND	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	100	500	1000	mg/Kg	ND	ND	ND	0.18 J	ND	ND
100-52-7	BENZALDEHYDE	--	--	--	mg/Kg	R	R	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	1	5.6	1	mg/Kg	ND	ND	0.18 J	0.46 J	ND	ND
50-32-8	BENZO(A)PYRENE	1	1	22	mg/Kg	ND	ND	0.14 J	0.48	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	1	5.6	1.7	mg/Kg	ND	ND	0.16 J	0.55	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	100	500	1000	mg/Kg	ND	ND	ND	0.31 J	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.8	56	1.7	mg/Kg	ND	ND	ND	0.23 J	ND	ND
85-68-7	BENZYL BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
105-60-2	CAPROLACTAM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	--	--	mg/Kg	ND	ND	ND	0.11 J	ND	ND
218-01-9	CHRYSENE	1	56	1	mg/Kg	ND	ND	0.15 J	0.41 J	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	0.33	0.56	1000	mg/Kg	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	7	350	210	mg/Kg	ND	ND	ND	ND	ND	ND
84-66-2	DIETHYL PHTHALATE	--	--	--	mg/Kg	ND	0.28 J	ND	ND	ND	ND
131-11-3	DIMETHYL PHTHALATE	--	--	--	mg/Kg	0.14 J	0.2 J	0.0959 J	0.18 J	0.21 J	0.22 J
84-74-2	DI-N-BUTYL PHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
117-84-0	DI-N-OCTYLPHTHALATE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	100	500	1000	mg/Kg	0.1 J	ND	0.32 J	0.8	ND	ND
86-73-7	FLUORENE	30	500	386	mg/Kg	ND	ND	ND	0.12 J	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.5	5.6	8.2	mg/Kg	ND	ND	ND	0.26 J	ND	ND
86-30-6	N-NITROSODIPHENYLAMINE	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	12	500	12	mg/Kg	ND	ND	ND	0.14 J	ND	ND
87-86-5	PENTACHLOROPHENOL	0.8	6.7	0.8	mg/Kg	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	100	500	1000	mg/Kg	ND	ND	0.22 J	0.71	ND	ND
108-95-2	PHENOL	0.33	500	0.33	mg/Kg	0.18 J	**0.36** J	0.1 J	0.21 J	0.19 J	0.25 J
129-00-0	PYRENE	100	500	1000	mg/Kg	ND	ND	0.32 J	0.73	ND	ND
	TOTAL SVOCS	--	--	--	**mg/kg**	**0.42**	**0.84**	**1.6859**	**6.04**	**0.4**	**0.47**

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 1
Summary of Soil Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Soil Analytical Data Detected Compounds Only					Location ID:	SB-77	SB-77	SB-84	SB-84	SB-85	SB-85
					Sample ID:	SB-77(7-9)-20141216	SB-77(15-17)-20141216	SB-84(7-9)-20150114	SB-84(17-19)-20150114	SB-85(7-9)-20150115	SB-85(29-31)-20150115
					Lab Sample Id	F5197-08	F5197-09	G1159-03	G1159-04	G1159-07	G1159-08
					Depth:	7 - 9 ft	15 - 17 ft	7 - 9 ft	17 - 19 ft	7 - 9 ft	29 - 31 ft
					Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		NYSDEC Part 375 Unrestricted Soil Criteria	NYSDEC Part 375 Commercial Soil Criteria	NYSDEC Part 375 Protection of GW Soil Criteria	SDG:	F5197	F5197	G1159	G1159	G1159	G1159
					Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Sampled:	12/16/2014 8:10	12/16/2014 8:30	1/14/2015 9:35	1/14/2015 10:50	1/15/2015 9:10	1/15/2015 11:30
					Validated:	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015
CAS NO.	COMPOUND				UNITS:						
	INORGANICS										
7429-90-5	ALUMINUM	--	--	--	mg/Kg	7160	13500	6010	5770	8210	14200
7440-36-0	ANTIMONY	--	--	--	mg/Kg	1.21 J	ND	ND	0.799 J	1.54 J	ND
7440-38-2	ARSENIC	13	16	16	mg/Kg	10.58	7.77	7.36	**14.8**	**13.7**	10.38
7440-39-3	BARIUM	350	400	820	mg/Kg	121	28.2	105	**390**	109	33
7440-41-7	BERYLLIUM	7.2	590	47	mg/Kg	0.488	0.887	0.559	1.39	0.638	1.03
7440-43-9	CADMIUM	2.5	9.3	7.5	mg/Kg	0.099 J	ND	ND	**6.38** J+	2 J+	ND
7440-70-2	CALCIUM	--	--	--	mg/Kg	4940	1600	8090	18100	4980	2460
7440-47-3	CHROMIUM, TOTAL	30	1500	19	mg/Kg	**36.9**	28.6	17.7	**34.2** J+	**31.1**	**34.4**
7440-48-4	COBALT	--	--	--	mg/Kg	6.61	12.8	5.97	10.45	6.04	14.2
7440-50-8	COPPER	50	270	1720	mg/Kg	**119**	8.88	37.8 J+	**391** J+	**105** J+	13.7 J+
7439-89-6	IRON	--	--	--	mg/Kg	17600	33700	14400	33700	41800	37200
7439-92-1	LEAD	63	1000	450	mg/Kg	**236**	14.2	**157**	**1280**	**355**	23.6
7439-95-4	MAGNESIUM	--	--	--	mg/Kg	2740	7370	3140	3470	3030	8510
7439-96-5	MANGANESE	1600	10000	2000	mg/Kg	659	965	154 J+	401 J+	425 J+	569 J+
7439-97-6	MERCURY	0.18	2.8	0.73	mg/Kg	**0.603**	0.023	0.152	**0.542** J-	**0.47**	0.019
7440-02-0	NICKEL	30	310	130	mg/Kg	28.6	27.4	17.9	**49.5** J+	24.3	**31.5**
7440-09-7	POTASSIUM	--	--	--	mg/Kg	1610	4120	657	588	1680	3760
7782-49-2	SELENIUM	3.9	1500	4	mg/Kg	1.49	1.75	0.501 J	2.18	3.63	0.832 J
7440-22-4	SILVER	2	1500	8.3	mg/Kg	**2.86**	0.728 J	ND	ND	ND	ND
7440-23-5	SODIUM	--	--	--	mg/Kg	1050	5210	436	757 J+	2300	5260
7440-28-0	THALLIUM	--	--	--	mg/Kg	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	--	--	mg/Kg	219	36.4	24.1	28	39.3	41.2
7440-66-6	ZINC	109	10000	2480	mg/Kg	**141**	76.4	**203**	**1380** J	**1190**	107
57-12-5	CYANIDE	27	27	40	mg/Kg	ND	ND	ND	0.114 J	0.142 J	ND

Exceeds NYSDEC Part 375 Unrestricted Soil Criteria
Exceeds NYSDEC Part 375 Commercial Soil Criteria
Exceeds NYSDEC Part 375 Protection of Groundwater Soil Criteria

(1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Program
(2) -- indicates no clean up objective or background level is available
(3) NA indicates compound was not analyzed for
(4) ND indicates compound was not detected
(5) J indicates an estimated concentration
(6) R indicates rejected data
(7) Grey shaded values exceed NYSDEC Part 375 Unrestricted Soil Criteria
(8) Orange shaded values exceed NYSDEC Part 375 Commercial Soil Criteria

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	CMW-36 CMW-36 C4681-02 CTECH C4681 WATER 11/16/2011 11:50 1/23/2012	CMW-36 CMW-36-20150610 G2627-11 CTECH G2627 WATER 6/10/2015 10:05 7/30/2015	CMW-37 CMW-37 C4681-07 CTECH C4681 WATER 11/14/2011 2:35 1/23/2012	CMW-37 CMW-37-20150610 G2627-12 CTECH G2627 WATER 6/10/2015 11:35 7/30/2015	CMW-38 CMW-38 C4681-22 CTECH C4681 WATER 11/18/2011 8:45 1/23/2012	CMW-39 CMW-39 C4681-08 CTECH C4681 WATER 11/14/2011 3:10 1/23/2012	CMW-40 CMW-40 C4681-16 CTECH C4681 WATER 11/16/2011 1:20 1/23/2012
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	ACETONE	50 (G)	ug/L	ND	ND	4.3 J	4.1 J	ND	20 J	ND
71-43-2	BENZENE	1	ug/L	ND	ND	**3.9** J	**4.6** J	**360**	ND	**1400**
108-90-7	CHLOROBENZENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	7	ug/L	ND	1.8 J	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/L	ND	ND	ND	ND	7.5	ND	3 J
100-41-4	ETHYLBENZENE	5	ug/L	ND	ND	ND	0.9 J	**320**	ND	4.4 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/L	ND	ND	ND	2 J	**54**	ND	**7.6**
179601-23-1	M,P-XYLENE	5	ug/L	ND	ND	ND	1.3 J	**22**	ND	3.5 J
78-93-3	METHYL ETHYL KETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	2.7 J	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/L	ND	ND	ND	ND	10	ND	3.1 J
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/L	ND	ND	ND	0.92 J	**91**	ND	**5.1**
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/L	3 J	ND	2.2 J	0.68 J	**17**	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/L	4.1 J	0.67 J	ND	ND	ND	ND	ND
108-88-3	TOLUENE	5	ug/L	ND	ND	ND	0.65 J	4.8 J	ND	ND
156-60-5	TRANS-1,2-DICHLOROETHENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/L	ND	ND	ND	ND	ND	ND	ND
75-01-4	VINYL CHLORIDE	2	ug/L	ND	ND	ND	ND	ND	ND	ND
	TOTAL VOCs		**ug/L**	**7.1**	**2.47**	**10.4**	**15.15**	**886.3**	**22.7**	**1426.7**
	SEMIVOLATILES									
50-32-8	2-METHYLPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	50 (G)	ug/L	ND	ND	ND	10.5	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/L	ND	ND	ND	ND	560	ND	ND
83-32-9	ACENAPHTHENE	20 (G)	ug/L	ND	ND	11	12.2	**180**	ND	16
208-96-8	ACENAPHTHYLENE	NS	ug/L	ND	ND	ND	ND	8.7 J	ND	ND
98-86-2	ACETOPHENONE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/L	ND	ND	ND	ND	36	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/L	ND	ND	ND	ND	**17**	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	ug/L	ND	ND	ND	ND	24	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/L	ND	ND	ND	ND	9.6 J	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/L	ND	ND	ND	ND	**8.6** J	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/L	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/L	ND	ND	ND	ND	11	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/L	ND	ND	ND	ND	**15**	ND	ND
132-64-9	DIBENZOFURAN	--	ug/L	ND	ND	ND	ND	11	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/L	ND	ND	ND	ND	28	ND	ND
86-73-7	FLUORENE	50 (G)	ug/L	ND	ND	ND	ND	**60**	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/L	ND	ND	**23**	**31.7**	**1800**	ND	6.9 J
87-86-5	PENTACHLOROPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/L	ND	ND	ND	ND	**120**	ND	ND
108-95-2	PHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	**17**
129-00-0	PYRENE	50 (G)	ug/L	ND	ND	ND	ND	37	ND	ND
	TOTAL SVOCs		**ug/L**	**ND**	**ND**	**34**	**54.4**	**2925.9**	**ND**	**39.9**

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	CMW-36 CMW-36 C4681-02 CTECH C4681 WATER 11/16/2011 11:50 1/23/2012	CMW-36 CMW-36-20150610 G2627-11 CTECH G2627 WATER 6/10/2015 10:05 7/30/2015	CMW-37 CMW-37 C4681-07 CTECH C4681 WATER 11/14/2011 2:35 1/23/2012	CMW-37 CMW-37-20150610 G2627-12 CTECH G2627 WATER 6/10/2015 11:35 7/30/2015	CMW-38 CMW-38 C4681-22 CTECH C4681 WATER 11/18/2011 8:45 1/23/2012	CMW-39 CMW-39 C4681-08 CTECH C4681 WATER 11/14/2011 3:10 1/23/2012	CMW-40 CMW-40 C4681-16 CTECH C4681 WATER 11/16/2011 1:20 1/23/2012
CAS NO.	COMPOUND		UNITS:							
	INORGANICS									
7429-90-5	ALUMINUM	--	ug/L	943 J	1200	1920 J	153	1690 J	26000 J	46.3 J
7440-36-0	ANTIMONY	3	ug/L	ND	ND	ND	ND	ND	8.75 J	ND
7440-38-2	ARSENIC	25	ug/L	ND	ND	24.5	18.7	ND	13.7	ND
7440-39-3	BARIUM	1000	ug/L	100	154	380	343	303	344	258
7440-41-7	BERYLLIUM	3 (G)	ug/L	ND	ND	ND	0.77 J	ND	1.5 J	ND
7440-43-9	CADMIUM	5	ug/L	ND	ND	ND	4.13	ND	ND	ND
7440-70-2	CALCIUM	--	ug/L	79400	193200	75400	140800	83500	241000	119000
7440-47-3	CHROMIUM, TOTAL	50	ug/L	ND	6.34	4 J	3.12 J	42.3	**53.6**	ND
7440-48-4	COBALT	--	ug/L	ND	8.65 J	5.97 J	ND	ND	25.8	5.89 J
7440-50-8	COPPER	200	ug/L	3.88 J	3.51 J	14.9	ND	13.1	118	2.34 J
7439-89-6	IRON	300	ug/L	2300 J	**2220**	**60600** J	**91300**	**21800** J	**49700** J	**11500** J
7439-92-1	LEAD	25	ug/L	9.77	ND	10.6	ND	7.89	**202**	7.11
7439-95-4	MAGNESIUM	35000 (G)	ug/L	23900	**74000**	17200	20800	**39000**	34200	26500
7439-96-5	MANGANESE	300	ug/L	2290	**3650**	**1300**	**706**	**727**	**1080**	**3700**
7439-97-6	MERCURY	0.7	ug/L	ND	ND	ND	0.109 J	ND	0.454	ND
7440-02-0	NICKEL	100	ug/L	13.8 J	20.4	5.38 J	ND	22.3	66.1	11.9 J
7440-09-7	POTASSIUM	--	ug/L	9380	20600	21700	23000	14900	29300	11900
7782-49-2	SELENIUM	10	ug/L	ND	**11.5**	ND	ND	ND	ND	ND
7440-22-4	SILVER	50	ug/L	ND	ND	ND	8.91	ND	ND	ND
7440-23-5	SODIUM	20000	ug/L	347000	**813100**	**236000**	**322700**	**325000**	**679000**	**279000**
7440-28-0	THALLIUM	0.5 (G)	ug/L	3.78 J	ND	**3.23** J	ND	ND	ND	**2.86** J
7440-62-2	VANADIUM	--	ug/L	ND	ND	6.48 J	ND	ND	67.4	ND
7440-66-6	ZINC	2000 (G)	ug/L	17.5 J	118	33.4 J	102	24.7 J	362 J	18.2 J
57-12-5	CYANIDE	200	ug/L	3 J	5	**320**	**265**	9	7	10
	DISSOLVED METALS									
7429-90-5	ALUMINUM	--		NA	NA	NA	NA	NA	25.4 J	NA
7440-39-3	BARIUM	1000	ug/L	NA	NA	NA	NA	NA	97.7	NA
7440-43-9	CADMIUM	5	ug/L	NA	NA	NA	NA	NA	ND	NA
7440-70-2	CALCIUM	--	ug/L	NA	NA	NA	NA	NA	247000	NA
7440-47-3	CHROMIUM, TOTAL	50	ug/L	NA	NA	NA	NA	NA	ND	NA
7440-50-8	COPPER	200	ug/L	NA	NA	NA	NA	NA	8.6 J	NA
7439-89-6	IRON	300	ug/L	NA	NA	NA	NA	NA	ND	NA
7439-92-1	LEAD	25	ug/L	NA	NA	NA	NA	NA	ND	NA
7439-95-4	MAGNESIUM	35000 (G)	ug/L	NA	NA	NA	NA	NA	33300	NA
7439-96-5	MANGANESE	300	ug/L	NA	NA	NA	NA	NA	224	NA
7439-97-6	MERCURY	0.7	ug/L	NA	NA	NA	NA	NA	0.318	NA
7440-09-7	POTASSIUM	--	ug/L	NA	NA	NA	NA	NA	23900	NA
7440-22-4	SILVER	50	ug/L	NA	NA	NA	NA	NA	ND	NA
7440-23-5	SODIUM	20000	ug/L	NA	NA	NA	NA	NA	**812000**	NA
7440-28-0	THALLIUM	0.5 (G)	ug/L	NA	NA	NA	NA	NA	**2.66** J	NA
7440-66-6	ZINC	2000	ug/L	NA	NA	NA	NA	NA	39.4	NA

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	CMW-40 MW-40-20150609 G2627-08 CTECH G2627 WATER 6/9/2015 11:25 7/30/2015	MW-13 MW-13 A3178-01 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-13 MW-13 C4681-11 CTECH C4681 WATER 11/17/2011 10:00 1/23/2012	MW-13 MW-13-20150610 G2627-13 CTECH G2627 WATER 6/10/2015 14:00 7/30/2015	MW-14 MW-14 A3178-02 Chemtech A3178 WATER 6/15/2009 7/7/2009	Dup of MW-14 MW-14 MW-114 A3178-05 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-15 MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	MW-15 MW-15 C4681-21 CTECH C4681 WATER 11/18/2011 7:35 1/23/2012
CAS NO.	COMPOUND		UNITS:								
	VOLATILES										
67-64-1	ACETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND	6.1 J
71-43-2	BENZENE	1	ug/L	0.55 J	ND	ND	ND	**2.8** J	**2.9** J	**13**	**3.7** J
108-90-7	CHLOROBENZENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	7	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	ug/L	1.3 J	ND	ND	ND	**8.1**	**8.4**	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/L	ND	ND	ND	ND	ND	ND	5.8	ND
100-41-4	ETHYLBENZENE	5	ug/L	ND	ND	ND	ND	**90**	**120**	**94**	**25**
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/L	ND	ND	ND	ND	**14**	**15**	**24**	**5.2**
179601-23-1	M,P-XYLENE	5	ug/L	ND	ND	ND	ND	3.5 J	3.8 J	4.2 J	ND
78-93-3	METHYL ETHYL KETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/L	ND	ND	ND	ND	1.2 J	1.6 J	3.1 J	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/L	ND	ND	ND	ND	**25**	**25**	**17**	**7**
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/L	0.61 J	ND	ND	0.51 J	3.9 J	4.9 J	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/L	ND	ND	ND	0.84 J	ND	ND	ND	ND
108-88-3	TOLUENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
156-60-5	TRANS-1,2-DICHLOROETHENE	5	ug/L	1.4 J	ND	ND	ND	4.5 J	4.5 J	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/L	ND	ND	ND	ND	2.9 J	3.5 J	ND	ND
75-01-4	VINYL CHLORIDE	2	ug/L	ND	ND	ND	ND	**2.4** J	1.2 J	ND	ND
	TOTAL VOCs		**ug/L**	**3.86**	**ND**	**ND**	**1.35**	**158.3**	**190.8**	**161.1**	**47**
	SEMIVOLATILES										
50-32-8	2-METHYLPHENOL	1	ug/L	ND	ND	ND	ND	ND	**1.3** J	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/L	ND	82	ND	ND	3.4 J	100 J	21	ND
83-32-9	ACENAPHTHENE	20 (G)	ug/L	3.2 J	**89**	ND	ND	9.2 J	**110**	**130**	**100**
208-96-8	ACENAPHTHYLENE	NS	ug/L	ND	ND	ND	ND	ND	ND	4.6 J	8.3 J
98-86-2	ACETOPHENONE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/L	ND	11	ND	ND	ND	13 J	8.6 J	24
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/L	ND	**1.8** J	ND	ND	ND	**2.3** J	**1.6** J	**23**
92-52-4	BIPHENYL (DIPHENYL)	--	ug/L	ND	5.6 J	ND	ND	ND	6.7 J	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/L	ND	ND	ND	ND	ND	ND	ND	13
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	**1.2** J	ND	**13**
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/L	ND	ND	ND	ND	ND	ND	ND	5.1 J
86-74-8	CARBAZOLE	--	ug/L	ND	2.9 J	ND	ND	ND	3.3 J	1.2 J	ND
218-01-9	CHRYSENE	0.002 (G)	ug/L	ND	**1.7** J	ND	ND	ND	**2.2** J	**1.5** J	**20**
132-64-9	DIBENZOFURAN	--	ug/L	ND	5.6 J	ND	ND	ND	6.7 J	4.2 J	4.6 J
206-44-0	FLUORANTHENE	50 (G)	ug/L	ND	8.6 J	ND	ND	2.1 J	11 J	5.4 J	35
86-73-7	FLUORENE	50 (G)	ug/L	ND	31	ND	ND	1.9 J	36 J	11 J	22
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND	**4.5** J
91-20-3	NAPHTHALENE	10 (G)	ug/L	ND	**510**	ND	ND	**21** J	**650** J	**220**	**35**
87-86-5	PENTACHLOROPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/L	ND	45	ND	ND	2.1 J	**53** J	12	50
108-95-2	PHENOL	1	ug/L	ND	**5.2** J	ND	ND	ND	**6.9** J	ND	ND
129-00-0	PYRENE	50 (G)	ug/L	ND	9.7 J	ND	ND	2.9 J	12 J	6.7 J	47
	TOTAL SVOCs		**ug/L**	**3.2**	**809.1**	**ND**	**ND**	**42.6**	**1015.6**	**427.8**	**404.5**

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	CMW-40 MW-40-20150609 G2627-08 CTECH G2627 WATER 6/9/2015 11:25 7/30/2015	MW-13 MW-13 A3178-01 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-13 MW-13 C4681-11 CTECH C4681 WATER 11/17/2011 10:00 1/23/2012	MW-13 MW-13-20150610 G2627-13 CTECH G2627 WATER 6/10/2015 14:00 7/30/2015	MW-14 MW-14 A3178-02 Chemtech A3178 WATER 6/15/2009 7/7/2009	Dup of MW-14 MW-14 MW-114 A3178-05 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-15 MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	MW-15 MW-15 C4681-21 CTECH C4681 WATER 11/18/2011 7:35 1/23/2012
CAS NO.	COMPOUND		UNITS:								
	INORGANICS										
7429-90-5	ALUMINUM	--	ug/L	90	435	48.5 J	104	111	110	ND	592 J
7440-36-0	ANTIMONY	3	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	25	ug/L	ND	ND	ND	ND	ND	ND	**69.7**	ND
7440-39-3	BARIUM	1000	ug/L	453	157	70.4	143	78.4	77.7	316	458
7440-41-7	BERYLLIUM	3 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	5	ug/L	2.59 J	ND	ND	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	--	ug/L	121100	96500 J	33600	109900	70700 J	69900 J	87900	159000
7440-47-3	CHROMIUM, TOTAL	50	ug/L	ND	2.49 J	ND	**51.5**	ND	ND	1.15 J	ND
7440-48-4	COBALT	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
7440-50-8	COPPER	200	ug/L	ND	ND	3.1 J	2.06 J	ND	ND	ND	4.97 J
7439-89-6	IRON	300	ug/L	**65700**	**4060** J	**1100** J	**4890**	**11700** J	**11600** J	**17700**	**10600** J
7439-92-1	LEAD	25	ug/L	ND	6.53	6.16	ND	4 J	5.76 J	9.59	8.11
7439-95-4	MAGNESIUM	35000 (G)	ug/L	23500	24500 J	5240	22200	18800 J	18300 J	**58800**	**127000**
7439-96-5	MANGANESE	300	ug/L	**1840**	**1490** J	158	**440**	**2620** J	**2540** J	**1240**	**1620**
7439-97-6	MERCURY	0.7	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
7440-02-0	NICKEL	100	ug/L	4.88 J	ND	ND	33.5	ND	ND	ND	ND
7440-09-7	POTASSIUM	--	ug/L	12800	8280	ND	7400	7820	7730	21600	63800
7782-49-2	SELENIUM	10	ug/L	ND	9.47 J	ND	9.41 J	6.84 J	8.13 J	ND	ND
7440-22-4	SILVER	50	ug/L	6.9	ND	1.71 J	ND	ND	ND	ND	1.64 J
7440-23-5	SODIUM	20000	ug/L	**219400**	**178000**	**156000**	**208700**	**168000**	**166000**	**513000**	**1200000**
7440-28-0	THALLIUM	0.5 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND	**4** J
7440-62-2	VANADIUM	--	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
7440-66-6	ZINC	2000 (G)	ug/L	34.7	12 J	24.9 J	19.5 J	7.11 J	7.8 J	17.6 J	20 J
57-12-5	CYANIDE	200	ug/L	12	ND	21	ND	ND	ND	ND	ND
	DISSOLVED METALS										
7429-90-5	ALUMINUM	--		NA	NA	NA	NA	NA	NA	NA	NA
7440-39-3	BARIUM	1000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-43-9	CADMIUM	5	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-70-2	CALCIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-47-3	CHROMIUM, TOTAL	50	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-50-8	COPPER	200	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7439-89-6	IRON	300	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7439-92-1	LEAD	25	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7439-95-4	MAGNESIUM	35000 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7439-96-5	MANGANESE	300	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7439-97-6	MERCURY	0.7	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-09-7	POTASSIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-22-4	SILVER	50	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-23-5	SODIUM	20000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-28-0	THALLIUM	0.5 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
7440-66-6	ZINC	2000	ug/L	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-16 MW-16 A3178-10 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-16 MW-16 C4681-12 CTECH C4681 WATER 11/17/2011 11:35 1/23/2012	MW-16 MW-16-20150611 G2627-18 CTECH G2627 WATER 6/11/2015 14:30 7/30/2015	MW-17 MW-17 A3178-07 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-17 MW-17 C4681-03 CTECH C4681 WATER 11/16/2011 9:40 1/23/2012	MW-17 MW-17-20150610 G2627-14 CTECH G2627 WATER 6/10/2015 15:05 7/30/2015	Dup of MW-17 MW-17 MW-17A C4681-04 CTECH C4681 WATER 11/16/2011 9:40 1/23/2012
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	ACETONE	50 (G)	ug/L	ND	20 J	ND	ND	ND	ND	ND
71-43-2	BENZENE	1	ug/L	**2300**	270	**180**	**9.9**	ND	ND	ND
108-90-7	CHLOROBENZENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	7	ug/L	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	ug/L	ND	ND	1 J	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/L	3 J	3.1 J	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	5	ug/L	**250**	78	**13**	2 J	ND	0.29 J	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/L	**110** J	27	**14.3**	1.1 J	ND	ND	ND
179601-23-1	M,P-XYLENE	5	ug/L	**67** J	8.6 J	2.4 J	1.6 J	ND	ND	ND
78-93-3	METHYL ETHYL KETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/L	6.5 J	4.4 J	2.3 J	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/L	**170** J	28	**5.3**	1.6 J	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/L	9.9 J	ND	1 J	**57**	**89**	**27.2**	**100**
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/L	ND	ND	0.35 J	ND	ND	ND	ND
108-88-3	TOLUENE	5	ug/L	**17** J	ND	0.74 J	ND	ND	ND	ND
156-60-5	TRANS-1,2-DICHLOROETHENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/L	ND	ND	1.3 J	ND	ND	ND	ND
75-01-4	VINYL CHLORIDE	2	ug/L	ND	ND	ND	ND	ND	ND	ND
	TOTAL VOCs		**ug/L**	**2933.4**	**439.1**	**221.69**	**73.2**	**89**	**27.49**	**100**
	SEMIVOLATILES									
50-32-8	2-METHYLPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/L	460	83	2.4 J	2.6 J	ND	ND	ND
83-32-9	ACENAPHTHENE	20 (G)	ug/L	**180** J	57	**50.8**	**23**	17	17.1	17
208-96-8	ACENAPHTHYLENE	NS	ug/L	ND	ND	ND	4 J	ND	ND	ND
98-86-2	ACETOPHENONE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/L	5 J	7.5 J	2.9 J	1.6 J	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	ug/L	9.9 J	ND	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/L	ND	ND	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/L	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/L	25	7.2 J	2.6 J	ND	4.2 J	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	--	ug/L	5 J	ND	2.2 J	4.7 J	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/L	2 J	6.4 J	ND	1.6 J	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/L	32	19	14	18	14	ND	13
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/L	**1900**	200	**49.4**	**11** J	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	1	ug/L	**4.2** J	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/L	34	26	15.9	4.1 J	ND	ND	ND
108-95-2	PHENOL	1	ug/L	**22**	ND	ND	**1.4** J	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/L	2 J	8 J	ND	1.3 J	ND	ND	ND
	TOTAL SVOCs		**ug/L**	**2681.1**	**414.1**	**140.2**	**73.3**	**35.2**	**17.1**	**30**

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-16 MW-16 A3178-10 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-16 MW-16 C4681-12 CTECH C4681 WATER 11/17/2011 11:35 1/23/2012	MW-16 MW-16-20150611 G2627-18 CTECH G2627 WATER 6/11/2015 14:30 7/30/2015	MW-17 MW-17 A3178-07 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-17 MW-17 C4681-03 CTECH C4681 WATER 11/16/2011 9:40 1/23/2012	MW-17 MW-17-20150610 G2627-14 CTECH G2627 WATER 6/10/2015 15:05 7/30/2015	Dup of MW-17 MW-17 MW-17A C4681-04 CTECH C4681 WATER 11/16/2011 9:40 1/23/2012
CAS NO.	COMPOUND		UNITS:							
	INORGANICS									
7429-90-5	ALUMINUM	--	ug/L	43.7 J	103 J	157	762	7150 J	791	7650 J
7440-36-0	ANTIMONY	3	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	25	ug/L	ND	ND	2.62 J	ND	ND	18.5	ND
7440-39-3	BARIUM	1000	ug/L	479	52.5	183	177	271	236	274
7440-41-7	BERYLLIUM	3 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	5	ug/L	ND	ND	0.665 J	ND	ND	1.05 J	ND
7440-70-2	CALCIUM	--	ug/L	113000 J	26200	66700	141000 J	128000	179500	126000
7440-47-3	CHROMIUM, TOTAL	50	ug/L	ND	ND	2.33 J	1.29 J	15.1	14.6	16.6
7440-48-4	COBALT	--	ug/L	ND	ND	ND	ND	6.2 J	ND	6.61 J
7440-50-8	COPPER	200	ug/L	ND	3.3 J	2.52 J	ND	24.9	5.04 J	27
7439-89-6	IRON	300	ug/L	**39400** J	3060 J	**18000**	**63100** J	**78300** J	**26100**	**77800** J
7439-92-1	LEAD	25	ug/L	3.75 J	5.66 J	ND	7.93	18.6	2.32 J	18.8
7439-95-4	MAGNESIUM	35000 (G)	ug/L	**74100** J	5380	32700	15600 J	15200	**45300**	15200
7439-96-5	MANGANESE	300	ug/L	**1740** J	121	**330**	**1710** J	**1700**	**5720**	**1720**
7439-97-6	MERCURY	0.7	ug/L	ND	ND	ND	ND	ND	0.101 J	ND
7440-02-0	NICKEL	100	ug/L	ND	ND	4.33 J	ND	18 J	9.45 J	19.8 J
7440-09-7	POTASSIUM	--	ug/L	24000	ND	17700	14900	15800	8800	15900
7782-49-2	SELENIUM	10	ug/L	7.58 J	ND	ND	**12**	ND	5.26 J	ND
7440-22-4	SILVER	50	ug/L	ND	ND	2.12 J	ND	ND	3.48 J	ND
7440-23-5	SODIUM	20000	ug/L	**623000**	52200	**195100**	**95200**	**90600**	**191400**	**90000**
7440-28-0	THALLIUM	0.5 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	ug/L	ND	ND	ND	ND	18.7 J	ND	19.7 J
7440-66-6	ZINC	2000 (G)	ug/L	8.72 J	32.1 J	6.81 J	13.8 J	54.4 J	46.9	58.5 J
57-12-5	CYANIDE	200	ug/L	ND	ND	2 J	84	67	ND	70
	DISSOLVED METALS									
7429-90-5	ALUMINUM	--		NA	NA	NA	NA	NA	NA	NA
7440-39-3	BARIUM	1000	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-43-9	CADMIUM	5	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-70-2	CALCIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-47-3	CHROMIUM, TOTAL	50	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-50-8	COPPER	200	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-89-6	IRON	300	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-92-1	LEAD	25	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-95-4	MAGNESIUM	35000 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-96-5	MANGANESE	300	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-97-6	MERCURY	0.7	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-09-7	POTASSIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-22-4	SILVER	50	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-23-5	SODIUM	20000	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-28-0	THALLIUM	0.5 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-66-6	ZINC	2000	ug/L	NA	NA	NA	NA	NA	NA	NA

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18 A3178-06 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-18 MW-18 C4681-15 CTECH C4681 WATER 11/17/2011 2:35 1/23/2012	MW-19 MW-19 A3178-12 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-19 MW-19 C4681-13 CTECH C4681 WATER 11/17/2011 2:00 1/23/2012	MW-20 MW-20 A3178-11 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-20 MW-20 C4681-17 CTECH C4681 WATER 11/16/2011 11:40 1/23/2012	MW-20 MW-20-20150609 G2627-09 CTECH G2627 WATER 6/9/2015 13:00 7/30/2015
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	ACETONE	50 (G)	ug/L	ND	9.3 J	ND	ND	ND	ND	ND
71-43-2	BENZENE	1	ug/L	**940**	**830**	**8.8**	**4.8** J	**3.4** J	**11**	ND
108-90-7	CHLOROBENZENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	7	ug/L	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	ug/L	ND	ND	ND	ND	**5.7**	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/L	5.7	9.2	8.1	8.4	ND	ND	ND
100-41-4	ETHYLBENZENE	5	ug/L	**170**	**150**	**310**	**100**	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/L	**75**	**33**	**45**	**25**	ND	ND	ND
179601-23-1	M,P-XYLENE	5	ug/L	**16**	**22**	**68**	**6.2** J	ND	ND	ND
78-93-3	METHYL ETHYL KETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/L	9.2	7.2	14	5.5	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/L	**32**	**20**	**130**	**34**	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/L	3.6 J	2.7 J	ND	ND	**24**	**12**	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/L	ND	ND	ND	ND	ND	ND	ND
108-88-3	TOLUENE	5	ug/L	5 J	4.7 J	**8.2**	ND	ND	ND	0.56 J
156-60-5	TRANS-1,2-DICHLOROETHENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/L	ND	ND	ND	ND	1.1 J	ND	ND
75-01-4	VINYL CHLORIDE	2	ug/L	ND	ND	ND	ND	ND	ND	ND
	TOTAL VOCs		**ug/L**	**1256.5**	**1088.1**	**592.1**	**183.9**	**34.2**	**23**	**0.56**
	SEMIVOLATILES									
50-32-8	2-METHYLPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/L	210	82	260	70	ND	ND	ND
83-32-9	ACENAPHTHENE	20 (G)	ug/L	**82**	**40**	**94**	**70**	**22**	**23**	ND
208-96-8	ACENAPHTHYLENE	NS	ug/L	ND	ND	4.3 J	ND	ND	ND	ND
98-86-2	ACETOPHENONE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/L	3.8 J	9 J	7.7 J	7 J	1.1 J	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	ug/L	3.6 J	4.3 J	15	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/L	ND	ND	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/L	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/L	22	12	11 J	8.3 J	1.6 J	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	--	ug/L	ND	ND	4.7 J	ND	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/L	ND	4.7 J	3.1 J	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/L	20	14	26	22	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/L	**380**	**130**	**3000**	**980**	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	1	ug/L	ND	ND	**2.4** J	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/L	20	26	35	27	ND	ND	ND
108-95-2	PHENOL	1	ug/L	**18**	**6.2** J	**3** J	ND	**1.7** J	ND	ND
129-00-0	PYRENE	50 (G)	ug/L	ND	8.3 J	3.6 J	4.3 J	ND	ND	ND
	TOTAL SVOCs		**ug/L**	**759.4**	**336.5**	**3469.8**	**1188.6**	**26.4**	**23**	**ND**

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18 A3178-06 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-18 MW-18 C4681-15 CTECH C4681 WATER 11/17/2011 2:35 1/23/2012	MW-19 MW-19 A3178-12 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-19 MW-19 C4681-13 CTECH C4681 WATER 11/17/2011 2:00 1/23/2012	MW-20 MW-20 A3178-11 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-20 MW-20 C4681-17 CTECH C4681 WATER 11/16/2011 11:40 1/23/2012	MW-20 MW-20-20150609 G2627-09 CTECH G2627 WATER 6/9/2015 13:00 7/30/2015
CAS NO.	COMPOUND		UNITS:							
	INORGANICS									
7429-90-5	ALUMINUM	--	ug/L	36600	88.5 J	71.1	192 J	33.4 J	18.6 J	75.6
7440-36-0	ANTIMONY	3	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	25	ug/L	ND	ND	ND	5.65 J	ND	ND	ND
7440-39-3	BARIUM	1000	ug/L	442	156	206	200	302	268	235
7440-41-7	BERYLLIUM	3 (G)	ug/L	1.87 J	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	5	ug/L	1.49 J	ND	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	--	ug/L	84200 J	84900	107000 J	120000	90300 J	106000	53900
7440-47-3	CHROMIUM, TOTAL	50	ug/L	**131**	ND	ND	8.61	ND	ND	1.43 J
7440-48-4	COBALT	--	ug/L	46.2	ND	ND	ND	9.19 J	ND	ND
7440-50-8	COPPER	200	ug/L	132	8.45 J	ND	9.34 J	ND	2.21 J	ND
7439-89-6	IRON	300	ug/L	**134000** J	**39800** J	**62900** J	**61400** J	**5570** J	**6180** J	**1950**
7439-92-1	LEAD	25	ug/L	**76.5**	5.29 J	7.02	5.03 J	7.59	6.87	ND
7439-95-4	MAGNESIUM	35000 (G)	ug/L	23200 J	11800	16500 J	18500	18700 J	19200	17600
7439-96-5	MANGANESE	300	ug/L	**1040** J	**550**	**884** J	**1020**	**2820** J	**589**	66.9
7439-97-6	MERCURY	0.7	ug/L	0.13 J	ND	ND	ND	ND	ND	ND
7440-02-0	NICKEL	100	ug/L	145	ND	ND	ND	ND	8.14 J	8.21 J
7440-09-7	POTASSIUM	--	ug/L	16300	8330	9910	12600	9210	ND	4480
7782-49-2	SELENIUM	10	ug/L	8.82 J	ND	6.63 J	ND	9.2 J	ND	8.7 J
7440-22-4	SILVER	50	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-23-5	SODIUM	20000	ug/L	**58000**	**43900**	**99400**	**117000**	**154000**	**104000**	**290100**
7440-28-0	THALLIUM	0.5 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	ug/L	102	ND	ND	ND	ND	ND	ND
7440-66-6	ZINC	2000 (G)	ug/L	534	18.6 J	7.27 J	21.4 J	12.6 J	12.6 J	76.8
57-12-5	CYANIDE	200	ug/L	15	7	45	7	87	18	ND
	DISSOLVED METALS									
7429-90-5	ALUMINUM	--		NA	NA	NA	NA	NA	NA	NA
7440-39-3	BARIUM	1000	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-43-9	CADMIUM	5	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-70-2	CALCIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-47-3	CHROMIUM, TOTAL	50	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-50-8	COPPER	200	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-89-6	IRON	300	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-92-1	LEAD	25	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-95-4	MAGNESIUM	35000 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-96-5	MANGANESE	300	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-97-6	MERCURY	0.7	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-09-7	POTASSIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-22-4	SILVER	50	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-23-5	SODIUM	20000	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-28-0	THALLIUM	0.5 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-66-6	ZINC	2000	ug/L	NA	NA	NA	NA	NA	NA	NA

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-21 MW-21 A3178-09 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-21 MW-21 C4681-18 CTECH C4681 WATER 11/16/2011 9:35 1/23/2012	MW-21 MW-21-20150609 G2627-07 CTECH G2627 WATER 6/9/2015 9:35 7/30/2015	MW-25 MW-25 C4681-14 CTECH C4681 WATER 11/17/2011 12:05 1/23/2012	MW-25 MW-25-20150611 G2627-16 CTECH G2627 WATER 6/11/2015 11:45 7/30/2015	MW-27 MW-27 C4681-06 CTECH C4681 WATER 11/14/2011 3:05 1/23/2012	MW-27 MW-27-20150609 G2627-10 CTECH G2627 WATER 6/9/2015 14:50 7/30/2015
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	ACETONE	50 (G)	ug/L	ND	ND	ND	7.2 J	3.7 J	ND	ND
71-43-2	BENZENE	1	ug/L	ND	ND	ND	8.4	ND	ND	ND
108-90-7	CHLOROBENZENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
67-66-3	CHLOROFORM	7	ug/L	ND	ND	ND	ND	ND	4.1 J	0.37 J
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	5	ug/L	ND	ND	ND	100	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/L	ND	ND	ND	11	ND	ND	ND
179601-23-1	M,P-XYLENE	5	ug/L	ND	ND	ND	28	ND	ND	ND
78-93-3	METHYL ETHYL KETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/L	ND	ND	ND	27	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/L	ND	ND	1.8 J	75	ND	ND	1 J
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/L	ND	ND	ND	ND	ND	ND	1.2 J
108-88-3	TOLUENE	5	ug/L	ND	ND	0.42 J	ND	0.99 J	ND	0.37 J
156-60-5	TRANS-1,2-DICHLOROETHENE	5	ug/L	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/L	ND	ND	ND	ND	ND	ND	0.31 J
75-01-4	VINYL CHLORIDE	2	ug/L	ND	ND	ND	ND	ND	ND	ND
	TOTAL VOCs		**ug/L**	**ND**	**ND**	**2.22**	**256.6**	**4.69**	**4.1**	**3.25**
	SEMIVOLATILES									
50-32-8	2-METHYLPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/L	ND	ND	ND	21	ND	ND	ND
83-32-9	ACENAPHTHENE	20 (G)	ug/L	2.4 J	ND	ND	52	ND	ND	ND
208-96-8	ACENAPHTHYLENE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	NS	ug/L	ND	ND	ND	5.7 J	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/L	ND	ND	ND	8.6 J	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	ug/L	ND	ND	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/L	ND	ND	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/L	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/L	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	--	ug/L	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/L	ND	ND	ND	9.6 J	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/L	ND	ND	ND	17	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/L	ND	ND	ND	42	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/L	ND	ND	ND	18	ND	ND	ND
108-95-2	PHENOL	1	ug/L	**4.1** J	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/L	ND	ND	ND	10 J	ND	ND	ND
	TOTAL SVOCs		**ug/L**	**6.5**	**ND**	**ND**	**183.9**	**ND**	**ND**	**ND**

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-21 MW-21 A3178-09 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-21 MW-21 C4681-18 CTECH C4681 WATER 11/16/2011 9:35 1/23/2012	MW-21 MW-21-20150609 G2627-07 CTECH G2627 WATER 6/9/2015 9:35 7/30/2015	MW-25 MW-25 C4681-14 CTECH C4681 WATER 11/17/2011 12:05 1/23/2012	MW-25 MW-25-20150611 G2627-16 CTECH G2627 WATER 6/11/2015 11:45 7/30/2015	MW-27 MW-27 C4681-06 CTECH C4681 WATER 11/14/2011 3:05 1/23/2012	MW-27 MW-27-20150609 G2627-10 CTECH G2627 WATER 6/9/2015 14:50 7/30/2015
CAS NO.	COMPOUND		UNITS:							
	INORGANICS									
7429-90-5	ALUMINUM	--	ug/L	308	263 J	1460	10100 J	2030	778 J	4290
7440-36-0	ANTIMONY	3	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	25	ug/L	ND	ND	ND	ND	21.4	ND	ND
7440-39-3	BARIUM	1000	ug/L	438	575	535	200	160	54.1	148
7440-41-7	BERYLLIUM	3 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	5	ug/L	0.77 J	ND	4.83	ND	1.61 J	ND	0.515 J
7440-70-2	CALCIUM	--	ug/L	116000 J	116000	112300	65600	99300	27100	45900
7440-47-3	CHROMIUM, TOTAL	50	ug/L	1.41 J	ND	4.37 J	38.9	17.3	2.03 J	16.2
7440-48-4	COBALT	--	ug/L	ND	ND	ND	12 J	4.96 J	ND	5.86 J
7440-50-8	COPPER	200	ug/L	ND	11.6	2.56 J	51.4	52.4	3.56 J	9.21 J
7439-89-6	IRON	300	ug/L	**54000** J	**61900** J	**86600**	24900 J	**7350**	**1770** J	**8530**
7439-92-1	LEAD	25	ug/L	16.7	10.4	13.4	239	**61.1**	8.29	ND
7439-95-4	MAGNESIUM	35000 (G)	ug/L	20600 J	17600	17700	10800	8890	7220	13400
7439-96-5	MANGANESE	300	ug/L	**1020** J	**1040**	**965**	1070	**402**	228	**865**
7439-97-6	MERCURY	0.7	ug/L	ND	ND	0.145 J	0.507	0.23	ND	ND
7440-02-0	NICKEL	100	ug/L	ND	ND	5.26 J	33.9	11.2 J	5.36 J	25.9
7440-09-7	POTASSIUM	--	ug/L	26200	30100	23800	8820	6200	ND	6040
7782-49-2	SELENIUM	10	ug/L	**10.7**	ND	ND	ND	9.65 J	ND	5.9 J
7440-22-4	SILVER	50	ug/L	ND	ND	8.98	ND	ND	ND	ND
7440-23-5	SODIUM	20000	ug/L	**350000**	**364000**	**379300**	31300	**89000**	**47100**	**79400**
7440-28-0	THALLIUM	0.5 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-62-2	VANADIUM	--	ug/L	ND	ND	ND	41.9	10.05 J	ND	11.2 J
7440-66-6	ZINC	2000 (G)	ug/L	18.6 J	36.2 J	86.8	182 J	280	14.6 J	80
57-12-5	CYANIDE	200	ug/L	160	42	119	13	4 J	ND	ND
	DISSOLVED METALS									
7429-90-5	ALUMINUM	--		NA	ND	NA	ND	NA	NA	NA
7440-39-3	BARIUM	1000	ug/L	NA	401	NA	84.1	NA	NA	NA
7440-43-9	CADMIUM	5	ug/L	NA	2.95 J	NA	ND	NA	NA	NA
7440-70-2	CALCIUM	--	ug/L	NA	113000	NA	63800	NA	NA	NA
7440-47-3	CHROMIUM, TOTAL	50	ug/L	NA	1.34 J	NA	1.26 J	NA	NA	NA
7440-50-8	COPPER	200	ug/L	NA	3.38 J	NA	6.35 J	NA	NA	NA
7439-89-6	IRON	300	ug/L	NA	**43500**	NA	ND	NA	NA	NA
7439-92-1	LEAD	25	ug/L	NA	3.73 J	NA	ND	NA	NA	NA
7439-95-4	MAGNESIUM	35000 (G)	ug/L	NA	19600	NA	ND	NA	NA	NA
7439-96-5	MANGANESE	300	ug/L	NA	**966**	NA	752	NA	NA	NA
7439-97-6	MERCURY	0.7	ug/L	NA	ND	NA	ND	NA	NA	NA
7440-09-7	POTASSIUM	--	ug/L	NA	29100	NA	ND	NA	NA	NA
7440-22-4	SILVER	50	ug/L	NA	2.54 J	NA	ND	NA	NA	NA
7440-23-5	SODIUM	20000	ug/L	NA	**376000**	NA	ND	NA	NA	NA
7440-28-0	THALLIUM	0.5 (G)	ug/L	NA	**3.66** J	NA	3.05 J	NA	NA	NA
7440-66-6	ZINC	2000	ug/L	NA	29.2	NA	20.1	NA	NA	NA

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-28 MW-28 C4681-05 CTECH C4681 WATER 11/14/2011 4:05 1/23/2012	MW-28 MW-28-20150611 G2627-15 CTECH G2627 WATER 6/11/2015 9:55 7/30/2015	MW-30 MW-30 C4681-01 CTECH C4681 WATER 11/16/2011 1:40 1/23/2012	MW-30 MW-30-20150611 G2627-17 CTECH G2627 WATER 6/11/2015 13:30 7/30/2015	MW-41 MW-41-20150608 G2627-01 CTECH G2627 WATER 6/8/2015 14:40 7/30/2015	Dup of MW-14-20150608 MW-41 MW-141-20150608 G2627-04 CTECH G2627 WATER 6/8/2015 14:40 7/30/2015	MW-CSB-60 MW-CSB-60-20150609 G2627-06 CTECH G2627 WATER 6/9/2015 8:00 7/30/2015
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-64-1	ACETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
71-43-2	BENZENE	1	ug/L	ND	ND	**2800**	**1.4** J	ND	ND	ND
108-90-7	CHLOROBENZENE	5	ug/L	ND	ND	ND	ND	0.59 J	ND	ND
67-66-3	CHLOROFORM	7	ug/L	ND	ND	ND	ND	ND	ND	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	ug/L	4.3 J	3.5 J	ND	2.6 J	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/L	ND	ND	3.3 J	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	5	ug/L	ND	ND	**210** J	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/L	ND	ND	**80**	1.1 J	ND	ND	ND
179601-23-1	M,P-XYLENE	5	ug/L	ND	ND	**26**	ND	ND	ND	ND
78-93-3	METHYL ETHYL KETONE	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/L	ND	ND	4.9 J	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/L	ND	ND	**71**	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/L	10	1.6 J	9.4	0.72 J	ND	ND	0.41 J
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/L	**17**	**29.9**	ND	0.96 J	ND	ND	ND
108-88-3	TOLUENE	5	ug/L	ND	ND	**6.7**	0.48 J	0.38 J	ND	ND
156-60-5	TRANS-1,2-DICHLOROETHENE	5	ug/L	ND	ND	ND	4.1 J	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/L	2.2 J	2.5 J	ND	3.3 J	ND	ND	ND
75-01-4	VINYL CHLORIDE	2	ug/L	ND	ND	ND	ND	ND	ND	ND
	TOTAL VOCs		**ug/L**	**33.5**	**37.5**	**3211.3**	**14.66**	**0.97**	**ND**	**0.41**
	SEMIVOLATILES									
50-32-8	2-METHYLPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
105-67-9	2,4-DIMETHYLPHENOL	50 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/L	ND	ND	210	ND	ND	ND	ND
83-32-9	ACENAPHTHENE	20 (G)	ug/L	ND	ND	**140**	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
98-86-2	ACETOPHENONE	NS	ug/L	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/L	ND	ND	9.4 J	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	--	ug/L	ND	ND	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/L	ND	ND	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/L	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/L	ND	ND	30	ND	ND	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	--	ug/L	ND	ND	9.4 J	ND	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/L	ND	ND	5.1 J	2.2 J	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/L	ND	ND	39	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/L	ND	ND	**370**	ND	ND	ND	ND
87-86-5	PENTACHLOROPHENOL	1	ug/L	ND	ND	ND	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/L	ND	ND	**55**	3.2 J	ND	ND	ND
108-95-2	PHENOL	1	ug/L	ND	ND	**17**	ND	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/L	ND	ND	4.9 J	2.5 J	ND	ND	ND
	TOTAL SVOCs		**ug/L**	**ND**	**ND**	**889.8**	**7.9**	**ND**	**ND**	**ND**

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2A
Summary of Groundwater Analytical Data - Site Characterization and Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2009-2015 Groundwater Analytical Data Detected Compounds Only		NYSDEC Class GA Groundwater Standards/Guidance Values[1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-28 MW-28 C4681-05 CTECH C4681 WATER 11/14/2011 4:05 1/23/2012	MW-28 MW-28-20150611 G2627-15 CTECH G2627 WATER 6/11/2015 9:55 7/30/2015	MW-30 MW-30 C4681-01 CTECH C4681 WATER 11/16/2011 1:40 1/23/2012	MW-30 MW-30-20150611 G2627-17 CTECH G2627 WATER 6/11/2015 13:30 7/30/2015	MW-41 MW-41-20150608 G2627-01 CTECH G2627 WATER 6/8/2015 14:40 7/30/2015	Dup of MW-14-20150608 MW-41 MW-141-20150608 G2627-04 CTECH G2627 WATER 6/8/2015 14:40 7/30/2015	MW-CSB-60 MW-CSB-60-20150609 G2627-06 CTECH G2627 WATER 6/9/2015 8:00 7/30/2015
CAS NO.	COMPOUND		UNITS:							
	INORGANICS									
7429-90-5	ALUMINUM	--	ug/L	410 J	1440	549 J	502	128 J	729 J	194
7440-36-0	ANTIMONY	3	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	25	ug/L	ND	ND	ND	ND	15.4 J	**77.7** J	ND
7440-39-3	BARIUM	1000	ug/L	89.4	100	383	426	817	909	572
7440-41-7	BERYLLIUM	3 (G)	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-43-9	CADMIUM	5	ug/L	ND	ND	ND	1.94 J	1.34 J	3.82 J	1.75 J
7440-70-2	CALCIUM	--	ug/L	68400	68000	71300	102600	172100	159100	137800
7440-47-3	CHROMIUM, TOTAL	50	ug/L	ND	11.2	ND	4.62 J	ND	2.88 J	1.59 J
7440-48-4	COBALT	--	ug/L	ND	ND	ND	4.85 J	ND	4.11 J	ND
7440-50-8	COPPER	200	ug/L	2.95 J	6.72 J	7.78 J	3.96 J	ND	ND	ND
7439-89-6	IRON	300	ug/L	**820** J	**2310**	**27900** J	**45200**	**18500** J	**45400** J	**36900**
7439-92-1	LEAD	25	ug/L	7.67	ND	8	ND	ND	8.92 J	1.91 J
7439-95-4	MAGNESIUM	35000 (G)	ug/L	16900	20800	31100	**46300**	**55500**	**50800**	16500
7439-96-5	MANGANESE	300	ug/L	**761**	**794**	**1630**	**1710**	**2590**	**2440**	**1290**
7439-97-6	MERCURY	0.7	ug/L	ND	ND	ND	ND	ND	0.175 J	ND
7440-02-0	NICKEL	100	ug/L	6.55 J	21.8	6.69 J	12.4 J	4.83 J	7.41 J	ND
7440-09-7	POTASSIUM	--	ug/L	ND	5780	17800	15300	35200	32600	24200
7782-49-2	SELENIUM	10	ug/L	ND	9.45 J	ND	ND	7.91 J	ND	ND
7440-22-4	SILVER	50	ug/L	ND	ND	ND	4.64 J	1.89 J	4.68 J	3.78 J
7440-23-5	SODIUM	20000	ug/L	**150000**	**153500**	**335000**	**214700**	13.9 R	ND	**480000**
7440-28-0	THALLIUM	0.5 (G)	ug/L	ND	ND	**4.23** J	ND	ND	ND	ND
7440-62-2	VANADIUM	--	ug/L	ND	ND	ND	ND	ND	ND	ND
7440-66-6	ZINC	2000 (G)	ug/L	16 J	79.6	14.4 J	7.28 J	106 J	195 J	40.7
57-12-5	CYANIDE	200	ug/L	ND	ND	6	2 J	12	18	30
	DISSOLVED METALS									
7429-90-5	ALUMINUM	--		NA	NA	NA	NA	NA	NA	NA
7440-39-3	BARIUM	1000	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-43-9	CADMIUM	5	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-70-2	CALCIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-47-3	CHROMIUM, TOTAL	50	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-50-8	COPPER	200	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-89-6	IRON	300	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-92-1	LEAD	25	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-95-4	MAGNESIUM	35000 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-96-5	MANGANESE	300	ug/L	NA	NA	NA	NA	NA	NA	NA
7439-97-6	MERCURY	0.7	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-09-7	POTASSIUM	--	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-22-4	SILVER	50	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-23-5	SODIUM	20000	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-28-0	THALLIUM	0.5 (G)	ug/L	NA	NA	NA	NA	NA	NA	NA
7440-66-6	ZINC	2000	ug/L	NA	NA	NA	NA	NA	NA	NA

Notes:
(1) NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values (October 1998)
Shaded values exceed NYSDEC Class GA Groundwater Standards and Guidance Values.
-- indicates no standard or guidance value is available.
(G) indicates guidance value.
N indicates presumptive evidence of a compound
NA indicates compound was not analyzed for.
ND indicates compound was not detected.
J indicates an estimated concentration.
R indicates rejected data

Table 2B
Groundwater Analytical Results - Supplemental Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street MGP Site Validated 2018 Groundwater Analytical Data SDGs: 460-169523 & 460-169869 Detected Compound Summary									
				Location ID:	CMW-36	Dup of CMW-36-20181106	CMW-36	CMW-40	Dup of CMW-40-20181114
				Sample ID:	MW-36-20181106	MW-136-20181106	CMW-36-20181114	CMW-40-20181114	CMW-140-20181114
				Lab Sample Id:	460-168968-1	460-168968-2	460-169523-1	460-169523-2	460-169523-3
				Source:	TALED	TALED	TALED	TALED	TALED
				SDG:	4601689681	4601689681	4601695231	4601695231	4601695231
				Matrix:	WATER	WATER	WATER	WATER	WATER
		NY Class GA Standards	NY Class GA Exceedances	Sampled:	11/6/2018 10:25	11/6/2018 10:25	11/14/2018 9:30	11/14/2018 12:55	11/14/2018 12:00
				Validated:	1/16/2019	1/16/2019	1/21/2019	1/21/2019	1/21/2019
CAS NO.	COMPOUND			UNITS:					
	VOLATILES								
71-43-2	BENZENE	1	7	ug/l				4100	4500
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	0	ug/l	0.4 J	0.38 J		ND	ND
110-82-7	CYCLOHEXANE	NS	0	ug/l				4.6 J	5.6 J
100-41-4	ETHYLBENZENE	5	6	ug/l				5.3 J	5.2 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	6	ug/l				23	25
108-87-2	METHYLCYCLOHEXANE	NS	0	ug/l				ND	4.8 J
75-09-2	METHYLENE CHLORIDE	5 (G)	0	ug/l				ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	0	ug/l	1.9	1.8		ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	1	ug/l	45 J	44		2.7 J	ND
108-88-3	TOLUENE	5	0	ug/l				ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	0	ug/l	1.4	1.4		ND	ND
XYLENES	XYLENES, TOTAL	5	6	ug/l				19 J	20
	Total VOCs				48.7	47.58		4154.6	4560.6
	SEMIVOLATILES								
91-57-6	2-METHYLNAPHTHALENE	NS	0	ug/l	ND	ND		ND	ND
83-32-9	ACENAPHTHENE	20 (G)	7	ug/l	ND	ND		22	32
208-96-8	ACENAPHTHYLENE	NS	0	ug/l	ND	ND		ND	0.86 J
98-86-2	ACETOPHENONE	NS	0	ug/l	ND	ND		ND	ND
120-12-7	ANTHRACENE	50 (G)	0	ug/l	ND	ND		0.92 J	1.6 J
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	1	ug/l	ND	ND		ND	ND
50-32-8	BENZO(A)PYRENE	ND	0	ug/l	ND	ND		ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	1	ug/l	ND	ND		ND	ND
92-52-4	BIPHENYL (DIPHENYL)	5	0	ug/l	ND	ND		ND	ND
86-74-8	CARBAZOLE	NS	0	ug/l	ND	ND		ND	ND
218-01-9	CHRYSENE	0.002 (G)	1	ug/l	ND	ND		ND	ND
132-64-9	DIBENZOFURAN	NS	0	ug/l	ND	ND		ND	1.4 J
206-44-0	FLUORANTHENE	50 (G)	0	ug/l	ND	ND		ND	ND
86-73-7	FLUORENE	50 (G)	0	ug/l	ND	ND		5.5 J	8.1 J
91-20-3	NAPHTHALENE	10 (G)	3	ug/l	ND	ND		3.6 J	4.8 J
85-01-8	PHENANTHRENE	50 (G)	0	ug/l	ND	ND		3.9 J	6.1 J
108-95-2	PHENOL	1	4	ug/l	ND	ND		43 J+	44 J+
129-00-0	PYRENE	50 (G)	0	ug/l	ND	ND		ND	ND
	Total SVOCs				ND	ND		78.92	98.86

Exceeds NY Class GA Standards

Table 2B
Groundwater Analytical Results - Supplemental Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street MGP Site Validated 2018 Groundwater Analytical Data SDGs: 460-169523 & 460-169869 Detected Compound Summary				Location ID:	CMW-36	Dup of CMW-36-20181106			Dup of CMW-40-20181114
				Sample ID:	MW-36-20181106	MW-136-20181106	CMW-36-20181114	CMW-40-20181114	CMW-140-20181114
				Lab Sample Id:	460-168968-1	460-168968-2	460-169523-1	460-169523-2	460-169523-3
				Source:	TALED	TALED	TALED	TALED	TALED
				SDG:	4601689681	4601689681	4601695231	4601695231	4601695231
				Matrix:	WATER	WATER	WATER	WATER	WATER
		NY Class GA Standards	NY Class GA Exceedances	Sampled:	11/6/2018 10:25	11/6/2018 10:25	11/14/2018 9:30	11/14/2018 12:55	11/14/2018 12:00
				Validated:	1/16/2019	1/16/2019	1/21/2019	1/21/2019	1/21/2019
CAS NO.	COMPOUND			UNITS:					
	INORGANICS								
7429-90-5	ALUMINUM	NS	0	ug/l			165 J	97.4 J	43.4 J
7440-36-0	ANTIMONY	3	1	ug/l			ND	ND	ND
7440-38-2	ARSENIC	25	0	ug/l			ND	ND	ND
7440-39-3	BARIUM	1000	1	ug/l			90 J	397	378
7440-43-9	CADMIUM	5	0	ug/l			0.42 J	ND	ND
7440-70-2	CALCIUM	NS	0	ug/l			131000	145000	146000
7440-47-3	CHROMIUM, TOTAL	50	0	ug/l			ND	ND	ND
7440-48-4	COBALT	NS	0	ug/l			5.6 J	ND	ND
7440-50-8	COPPER	200	0	ug/l			ND	ND	ND
7439-89-6	IRON	300	11	ug/l			271 J+	42400 J+	36100 J+
7439-92-1	LEAD	25	0	ug/l			ND	ND	ND
7439-95-4	MAGNESIUM	35000 (G)	4	ug/l			53800	32200	32600
7439-96-5	MANGANESE	300	11	ug/l			2510	648	624
7440-02-0	NICKEL	100	0	ug/l			15.2 J	5.4 J	6.1 J
7440-09-7	POTASSIUM	NS	0	ug/l			24500	13300	13300
7440-23-5	SODIUM	20000	13	ug/l			810000	343000	352000
7440-62-2	VANADIUM	NS	0	ug/l			ND	ND	ND
7440-66-6	ZINC	2000 (G)	0	ug/l			ND	ND	ND
57-12-5	CYANIDE	200	0	ug/l			ND	21	21

Exceeds NY Class GA Standards

Table 2B
Groundwater Analytical Results - Supplemental Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street MGP Site Validated 2018 Groundwater Analytical Data SDGs: 460-169523 & 460-169869 Detected Compound Summary		NY Class GA Standards	NY Class GA Exceedances	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-15 MW-15-20181114 460-169523-12 TALED 4601695231 WATER 11/14/2018 13:50 1/21/2019	MW-19 MW-19-20181114 460-169523-13 TALED 4601695231 WATER 11/14/2018 11:35 1/21/2019	MW-20 MW-20-20181114 460-169523-4 TALED 4601695231 WATER 11/14/2018 13:45 1/21/2019	MW-21 MW-21-20181114 460-169523-7 TALED 4601695231 WATER 11/14/2018 13:05 1/21/2019	MW-25 MW-25-20181114 460-169523-11 TALED 4601695231 WATER 11/14/2018 13:55 1/21/2019
CAS NO.	COMPOUND			UNITS:					
	VOLATILES								
71-43-2	BENZENE	1	7	ug/l	0.52 J	4.6	520	ND	2.5
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	0	ug/l	0.27 J	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	0	ug/l	ND	12	2.6	ND	ND
100-41-4	ETHYLBENZENE	5	6	ug/l	8.4	74	3.7	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	6	ug/l	2.4	35	13	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	0	ug/l	0.28 J	13	2.2	ND	ND
75-09-2	METHYLENE CHLORIDE	5 (G)	0	ug/l	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	0	ug/l	ND	0.64 J	9.9	1	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	1	ug/l	ND	ND	ND	ND	ND
108-88-3	TOLUENE	5	0	ug/l	ND	2.6	1.4 J	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	0	ug/l	ND	ND	ND	ND	ND
XYLENES	XYLENES, TOTAL	5	6	ug/l	3.9	50	12	ND	ND
	Total VOCs				15.77	191.84	564.8	1	2.5
	SEMIVOLATILES								
91-57-6	2-METHYLNAPHTHALENE	NS	0	ug/l	ND	59	1.6 J	ND	ND
83-32-9	ACENAPHTHENE	20 (G)	7	ug/l	76	88	36	2.3 J	ND
208-96-8	ACENAPHTHYLENE	NS	0	ug/l	2.8 J	ND	0.89 J	ND	ND
98-86-2	ACETOPHENONE	NS	0	ug/l	1.8 J	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	0	ug/l	4.5 J	5.1 J	0.84 J	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	1	ug/l	2.1	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	0	ug/l	1.4	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	1	ug/l	1.2 J	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	5	0	ug/l	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	NS	0	ug/l	ND	5.2 J	ND	ND	ND
218-01-9	CHRYSENE	0.002 (G)	1	ug/l	2.1	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	NS	0	ug/l	1.9 J	ND	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	0	ug/l	5.4 J	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	0	ug/l	8 J	23 J	2.2 J	ND	ND
91-20-3	NAPHTHALENE	10 (G)	3	ug/l	2.4 J	430	6.8 J	ND	ND
85-01-8	PHENANTHRENE	50 (G)	0	ug/l	10	28 J	1.8 J	ND	ND
108-95-2	PHENOL	1	4	ug/l	ND	ND	3.3 J	ND	ND
129-00-0	PYRENE	50 (G)	0	ug/l	8 J	ND	ND	ND	ND
	Total SVOCs				127.6	638.3	53.43	2.3	ND

Exceeds NY Class GA Standards

Table 2B
Groundwater Analytical Results - Supplemental Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street MGP Site Validated 2018 Groundwater Analytical Data SDGs: 460-169523 & 460-169869 Detected Compound Summary				Location ID:	MW-15	MW-19	MW-20	MW-21	MW-25
				Sample ID:	MW-15-20181114	MW-19-20181114	MW-20-20181114	MW-21-20181114	MW-25-20181114
				Lab Sample Id:	460-169523-12	460-169523-13	460-169523-4	460-169523-7	460-169523-11
				Source:	TALED	TALED	TALED	TALED	TALED
				SDG:	4601695231	4601695231	4601695231	4601695231	4601695231
				Matrix:	WATER	WATER	WATER	WATER	WATER
		NY Class GA Standards	NY Class GA Exceedances	Sampled:	11/14/2018 13:50	11/14/2018 11:35	11/14/2018 13:45	11/14/2018 13:05	11/14/2018 13:55
				Validated:	1/21/2019	1/21/2019	1/21/2019	1/21/2019	1/21/2019
CAS NO.	COMPOUND			UNITS:					
	INORGANICS								
7429-90-5	ALUMINUM	NS	0	ug/l	64.3 J	35.5 J	ND	41.5 J	113 J
7440-36-0	ANTIMONY	3	1	ug/l	ND	ND	3.3 J	ND	ND
7440-38-2	ARSENIC	25	0	ug/l	ND	6 J	ND	3.5 J	17
7440-39-3	BARIUM	1000	1	ug/l	231	326	264	1040	69.6 J
7440-43-9	CADMIUM	5	0	ug/l	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	NS	0	ug/l	179000	174000	82500	202000	43200
7440-47-3	CHROMIUM, TOTAL	50	0	ug/l	ND	ND	ND	ND	5.2 J
7440-48-4	COBALT	NS	0	ug/l	ND	ND	2.3 J	ND	8.1 J
7440-50-8	COPPER	200	0	ug/l	5.2 J	ND	ND	ND	ND
7439-89-6	IRON	300	11	ug/l	14000 J+	73200 J+	6370 J+	70500 J+	16700 J+
7439-92-1	LEAD	25	0	ug/l	ND	ND	ND	ND	2.9 J
7439-95-4	MAGNESIUM	35000 (G)	4	ug/l	80700	24700	16700	31200	5000
7439-96-5	MANGANESE	300	11	ug/l	1740	1160	430	1290	917
7440-02-0	NICKEL	100	0	ug/l	5.4 J	4.4 J	9.1 J	ND	5.9 J
7440-09-7	POTASSIUM	NS	0	ug/l	33100	12900	6920	42100	4870 J
7440-23-5	SODIUM	20000	13	ug/l	1100000	143000	204000	902000	97900
7440-62-2	VANADIUM	NS	0	ug/l	3.6 J	ND	ND	ND	ND
7440-66-6	ZINC	2000 (G)	0	ug/l	ND	ND	ND	ND	16.6 J
57-12-5	CYANIDE	200	0	ug/l	2.4 J	35	61	39	13

Exceeds NY Class GA Standards

Table 2B
Groundwater Analytical Results - Supplemental Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street MGP Site Validated 2018 Groundwater Analytical Data SDGs: 460-169523 & 460-169869 Detected Compound Summary				Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix:	MW-27 MW-27-20181114 460-169523-8 TALED 4601695231 WATER	MW-28 MW-28-20181114 460-169523-9 TALED 4601695231 WATER	MW-30 MW-30-20181114 460-169523-10 TALED 4601695231 WATER	CMW-38 MW-38-20181121 460-169869-1 TALED 4601698691 WATER	MW-CSB-60 MW-CSB-60-20181114 460-169523-6 TALED 4601695231 WATER
		NY Class GA Standards	NY Class GA Exceedances	Sampled: Validated:	11/14/2018 13:15 1/21/2019	11/14/2018 9:45 1/21/2019	11/14/2018 12:05 1/21/2019	11/21/2018 12:35 1/21/2019	11/14/2018 9:55 1/21/2019
CAS NO.	COMPOUND			UNITS:					
	VOLATILES								
71-43-2	BENZENE	1	7	ug/l	ND	ND	6100	190	ND
156-59-2	CIS-1,2-DICHLOROETHYLENE	5	0	ug/l	ND	1.9	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	0	ug/l	ND	ND	ND	5.9	ND
100-41-4	ETHYLBENZENE	5	6	ug/l	ND	ND	76	51	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	6	ug/l	ND	ND	69	57	ND
108-87-2	METHYLCYCLOHEXANE	NS	0	ug/l	ND	ND	ND	4.8	ND
75-09-2	METHYLENE CHLORIDE	5 (G)	0	ug/l	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	0	ug/l	ND	6.2	ND	5	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	1	ug/l	2.8	190	ND	ND	ND
108-88-3	TOLUENE	5	0	ug/l	ND	ND	ND	1.6	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	0	ug/l	ND	3.9	ND	ND	ND
XYLENES	XYLENES, TOTAL	5	6	ug/l	ND	ND	84	28	ND
	Total VOCs				2.8	202	6329	343.3	ND
	SEMIVOLATILES								
91-57-6	2-METHYLNAPHTHALENE	NS	0	ug/l	ND	1.6 J	17	46	ND
83-32-9	ACENAPHTHENE	20 (G)	7	ug/l	ND	ND	83	110	ND
208-96-8	ACENAPHTHYLENE	NS	0	ug/l	ND	ND	1.3 J	ND	ND
98-86-2	ACETOPHENONE	NS	0	ug/l	ND	ND	5.6 J	ND	ND
120-12-7	ANTHRACENE	50 (G)	0	ug/l	ND	ND	3.9 J	3.7 J	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	1	ug/l	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	0	ug/l	ND	ND	ND		ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	1	ug/l	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	5	0	ug/l	ND	ND	2 J	2.7 J	ND
86-74-8	CARBAZOLE	NS	0	ug/l	ND	ND	3 J	4 J	ND
218-01-9	CHRYSENE	0.002 (G)	1	ug/l	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	NS	0	ug/l	ND	ND	4.9 J	4.9 J	ND
206-44-0	FLUORANTHENE	50 (G)	0	ug/l	ND	ND	3.4 J	1.6 J	ND
86-73-7	FLUORENE	50 (G)	0	ug/l	ND	ND	27	27	ND
91-20-3	NAPHTHALENE	10 (G)	3	ug/l	ND	2.5 J	100	150	ND
85-01-8	PHENANTHRENE	50 (G)	0	ug/l	ND	ND	26	18	ND
108-95-2	PHENOL	1	4	ug/l	ND	ND	51 J+	ND	ND
129-00-0	PYRENE	50 (G)	0	ug/l	ND	ND	3.8 J	2 J	ND
	Total SVOCs				ND	4.1	331.9	369.9	ND

Exceeds NY Class GA Standards

Table 2B
Groundwater Analytical Results - Supplemental Remedial Investigation
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street MGP Site Validated 2018 Groundwater Analytical Data SDGs: 460-169523 & 460-169869 Detected Compound Summary				Location ID:	MW-27	MW-28	MW-30	CMW-38	MW-CSB-60
				Sample ID:	MW-27-20181114	MW-28-20181114	MW-30-20181114	MW-38-20181121	MW-CSB-60-20181114
				Lab Sample Id:	460-169523-8	460-169523-9	460-169523-10	460-169869-1	460-169523-6
				Source:	TALED	TALED	TALED	TALED	TALED
				SDG:	4601695231	4601695231	4601695231	4601698691	4601695231
				Matrix:	WATER	WATER	WATER	WATER	WATER
		NY Class GA Standards	NY Class GA Exceedances	Sampled:	11/14/2018 13:15	11/14/2018 9:45	11/14/2018 12:05	11/21/2018 12:35	11/14/2018 9:55
				Validated:	1/21/2019	1/21/2019	1/21/2019	1/21/2019	1/21/2019
CAS NO.	COMPOUND			UNITS:					
	INORGANICS								
7429-90-5	ALUMINUM	NS	0	ug/l	97.5 J	382	831	61.5 J	31.5 J
7440-36-0	ANTIMONY	3	1	ug/l	ND	ND	ND	ND	ND
7440-38-2	ARSENIC	25	0	ug/l	ND	ND	ND	2.7 J	ND
7440-39-3	BARIUM	1000	1	ug/l	63.4 J	106 J	898	311	561
7440-43-9	CADMIUM	5	0	ug/l	ND	ND	ND	ND	ND
7440-70-2	CALCIUM	NS	0	ug/l	45700	105000	180000	134000	128000
7440-47-3	CHROMIUM, TOTAL	50	0	ug/l	1.3 J	4.5 J	2.4 J	ND	ND
7440-48-4	COBALT	NS	0	ug/l	ND	ND	6 J	ND	ND
7440-50-8	COPPER	200	0	ug/l	ND	ND	5.7 J	ND	ND
7439-89-6	IRON	300	11	ug/l	203 J+	630 J+	88300 J+	37800	25500 J+
7439-92-1	LEAD	25	0	ug/l	ND	ND	ND	ND	ND
7439-95-4	MAGNESIUM	35000 (G)	4	ug/l	12400	31500	63300	37600	22100
7439-96-5	MANGANESE	300	11	ug/l	72.5	903	950	274	838
7440-02-0	NICKEL	100	0	ug/l	3 J	14 J	19.2 J	6.7 J	1.9 J
7440-09-7	POTASSIUM	NS	0	ug/l	4820 J	7280	29800	14100	31000
7440-23-5	SODIUM	20000	13	ug/l	85000	241000	586000	169000	710000
7440-62-2	VANADIUM	NS	0	ug/l	ND	ND	ND	ND	ND
7440-66-6	ZINC	2000 (G)	0	ug/l	ND	10.8 J	4.4 J	ND	ND
57-12-5	CYANIDE	200	0	ug/l	ND	ND	38	91	18 J

Exceeds NY Class GA Standards

Table 3
Summary of Hydraulic Conductivity Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Well	*Rising or Falling*	*Test #*	*Hydraulic Conductivity Hvorslev (ft/day)*	*Hydraulic Conductivity Bouwer & Rice (ft/day)*	*Depth to top of screen (ft TOC)*	*Depth to bottom of screen (ft TOC)*	*Screen length*	*Notes (if not indicated, 3' slug used)*
MW-15	**R**	**Test 1 of 1**	12.4	9.24	11	26	15	NAPL present.
MW-19	**R**	**Test 1 of 1**	23.7	17.1	12	28	16	Well screen not fully saturated. 5' slug.
MW-20	**R**	**Test 1 of 1**	*60*	*44.4*	12	22	10	Well screen not fully saturated.
MW-21	**R**	**Test 1 of 2**	7.19	5.67	12	22	10	
	R	**Test 2 of 2**	7.88	5.87				
MW-25	**R**	**Test 1 of 1**	0.27	0.22				
MW-27	**R**	**Test 1 of 1**	9.67	7.66	13	23	10	
MW-28	**R**	**Test 1 of 1**	1.36	1.07	11	21	10	
MW-30	**R**	**Test 1 of 1**	224	172	23	33	10	Screened in fine - course sand with trace gravel.
MW-36	**R**	**Test 1 of 1**	42.1	32.6	13	23	10	
MW-38	**R**	**Test 1 of 1**	*28.3*	*19.3*	9	39	30	NAPL present. Well screen not fully saturated. 5' slug.
MW-40	**R**	**Test 1 of 1**	*156*	*110*	13	23	10	Well screen not fully saturated.
MW-41	**R**	**Test 1 of 1**	3.28	2.27	5	13	8	Well screen not fully saturated.
MW-60	**R**	**Test 1 of 1**	107	85.3	5	15	10	Well screen not fully saturated. Well is screened ABOVE the clay layer. Screen is in sandy gravel layer.
GeoMean			***15.63***	***11.76***				

Table 4A
Summary of Soil Gas Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2011-2012 Soil Gas Analytical Data Detected Compound Summary		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	SG-1 SG-1 1108582-06A PARSONS 1108582 AIR 8/24/2011 13:40 1/23/2012	SG-2 SG-2 1108582-07A PARSONS 1108582 AIR 8/24/2011 13:50 1/23/2012	SG-3 SG-3 1202444-01A PARSONS 1202444 AIR 2/20/2012 9:10 4/9/2012	SG-4 SG-4 1202444-02A PARSONS 1202444 AIR 2/20/2012 9:55 4/9/2012	SG-5 SG-5 1202444-03A PARSONS 1202444 AIR 2/20/2012 10:20 4/9/2012	SG-6 SG-6 1108582-01A PARSONS 1108582 AIR 8/25/2011 8:35 1/23/2012
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
71-55-6	1,1,1-TRICHLOROETHANE	ug/m3	ND	ND	ND	ND	ND	ND
75-34-3	1,1-DICHLOROETHANE	ug/m3	ND	24	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	ug/m3	6.1	ND	ND	ND	ND	8.3
108-67-8	1,3,5-TRIMETHYLBENZENE	ug/m3	ND	ND	ND	ND	ND	3.2
106-99-0	1,3-BUTADIENE	ug/m3	1.7	ND	ND	32	ND	ND
106-46-7	1,4-DICHLOROBENZENE	ug/m3	ND	ND	ND	ND	ND	2
540-84-1	2,2,4-TRIMETHYLPENTANE	ug/m3	21	94	ND	ND	ND	8.7
565-59-3	2,3-DIMETHYLPENTANE	ug/m3	16	320 J	ND	130	7500 J	6.3
591-78-6	2-HEXANONE	ug/m3	ND	ND	ND	ND	ND	4.5
107-83-5	2-METHYLPENTANE	ug/m3	18	1300 J	ND	590	14000 J	18 J
67-63-0	2-PROPANOL	ug/m3	14	ND	ND	ND	ND	4.5
622-96-8	4-ETHYLTOLUENE	ug/m3	6.1	ND	ND	ND	ND	10
67-64-1	ACETONE	ug/m3	3300 J	3300 J	12	250	2600 J	890 J
71-43-2	BENZENE	ug/m3	11	16	0.65	740	90 J	62
75-15-0	CARBON DISULFIDE	ug/m3	350	300	ND	320	ND	47
108-90-7	CHLOROBENZENE	ug/m3	ND	ND	ND	ND	ND	54
67-66-3	CHLOROFORM	ug/m3	7	ND	ND	ND	ND	ND
74-87-3	CHLOROMETHANE	ug/m3	2	ND	0.9	ND	69 J	1.2
110-82-7	CYCLOHEXANE	ug/m3	9.2	200	ND	140	3900 J	6.6
75-71-8	DICHLORODIFLUOROMETHANE	ug/m3	57	ND	2.4	ND	160 J	2.1
64-17-5	ETHANOL	ug/m3	25 J	87 J	48	55	470 J	10 J
100-41-4	ETHYLBENZENE	ug/m3	19	22	ND	2600	ND	20
142-82-5	HEPTANE	ug/m3	24	69	ND	130	ND	7.3
496-11-7	INDAN	ug/m3	ND	ND	ND	ND	ND	ND
95-13-6	INDENE	ug/m3	ND	ND	ND	ND	ND	ND
78-78-4	ISOPENTANE	ug/m3	14	2700	3.7	570	12000 J	21
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/m3	ND	ND	ND	54	ND	3.6
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/m3	48	64	ND	47	73 J	63
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/m3	40	57	ND	ND	720 J	14
75-09-2	METHYLENE CHLORIDE	ug/m3	ND	ND	ND	ND	1900 J	4.6
110-54-3	N-HEXANE	ug/m3	14	60	ND	510	980 J	9.3
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/m3	10	16	ND	ND	ND	18
103-65-1	PROPYLBENZENE	ug/m3	ND	ND	ND	ND	ND	2.5
100-42-5	STYRENE	ug/m3	ND	ND	ND	ND	ND	1.8
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/m3	38	30	ND	ND	ND	37
108-88-3	TOLUENE	ug/m3	50	42	0.94	240	96 J	48
79-01-6	TRICHLOROETHYLENE (TCE)	ug/m3	ND	ND	ND	ND	ND	ND
75-69-4	TRICHLOROFLUOROMETHANE	ug/m3	ND	ND	1.2	ND	ND	1.5
75-01-4	VINYL CHLORIDE	ug/m3	ND	ND	ND	ND	ND	ND

Notes:
(1) ND indicates compound was not detected.
(2) J indicates an estimated concentration.

Table 4A
Summary of Soil Gas Analytical Data
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Consolidated Edison Farrington Street Remedial Investigation 2011-2012 Soil Gas Analytical Data Detected Compound Summary		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	SG-7 SG-7 1108582-02A PARSONS 1108582 AIR 8/25/2011 8:45 1/23/2012	SG-8 SG-8 1108582-04A PARSONS 1108582 AIR 8/24/2011 8:55 1/23/2012	SG-9 SG-9 1108582-05A PARSONS 1108582 AIR 8/24/2011 9:55 1/23/2012	SG-10 SG-10 1108582-03A PARSONS 1108582 AIR 8/25/2011 9:30 1/23/2012	SG-11 SG-11 1108582-08A PARSONS 1108582 AIR 8/26/2011 10:45 1/23/2012
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-TRICHLOROETHANE	ug/m3	ND	6	ND	3.6	15
75-34-3	1,1-DICHLOROETHANE	ug/m3	ND	ND	ND	ND	ND
95-63-6	1,2,4-TRIMETHYLBENZENE	ug/m3	260	ND	610	4.7	19
108-67-8	1,3,5-TRIMETHYLBENZENE	ug/m3	200	ND	130	2	9.8
106-99-0	1,3-BUTADIENE	ug/m3	21	30	40	ND	ND
106-46-7	1,4-DICHLOROBENZENE	ug/m3	ND	ND	ND	ND	ND
540-84-1	2,2,4-TRIMETHYLPENTANE	ug/m3	ND	ND	ND	ND	ND
565-59-3	2,3-DIMETHYLPENTANE	ug/m3	58	ND	590 J	ND	ND
591-78-6	2-HEXANONE	ug/m3	ND	ND	ND	7.6	10
107-83-5	2-METHYLPENTANE	ug/m3	120 J	53	3300 J	ND	6.3
67-63-0	2-PROPANOL	ug/m3	ND	32	ND	12	6.7
622-96-8	4-ETHYLTOLUENE	ug/m3	110	12	180	5	13
67-64-1	ACETONE	ug/m3	1400 J	4900 J	3600 J	2300 J	1100 J
71-43-2	BENZENE	ug/m3	730	72	2200	7.5	30
75-15-0	CARBON DISULFIDE	ug/m3	ND	53	79	ND	20
108-90-7	CHLOROBENZENE	ug/m3	ND	34	ND	ND	3.9
67-66-3	CHLOROFORM	ug/m3	ND	15	ND	7.8	92
74-87-3	CHLOROMETHANE	ug/m3	ND	4	ND	0.93	0.92
110-82-7	CYCLOHEXANE	ug/m3	14	10	920	1.3	3.4
75-71-8	DICHLORODIFLUOROMETHANE	ug/m3	ND	ND	ND	2.8	2.7
64-17-5	ETHANOL	ug/m3	ND	120 J	410 J	25 J	11 J
100-41-4	ETHYLBENZENE	ug/m3	100	400	73	16	74
142-82-5	HEPTANE	ug/m3	11	24	610	4.7	4.9
496-11-7	INDAN	ug/m3	49	ND	1100 J	ND	ND
95-13-6	INDENE	ug/m3	140 J	ND	ND	ND	ND
78-78-4	ISOPENTANE	ug/m3	38	62	4300 J	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/m3	11	10	340	ND	3.2
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/m3	940	850	80	50	230
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/m3	24	120	69	30	30
75-09-2	METHYLENE CHLORIDE	ug/m3	ND	ND	ND	ND	ND
110-54-3	N-HEXANE	ug/m3	5.5	39	1700	3.2	3.9
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/m3	470	210	100	13	71
103-65-1	PROPYLBENZENE	ug/m3	13	4.2	150	ND	3.4
100-42-5	STYRENE	ug/m3	71	ND	ND	3.1	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/m3	12	100	23	130	150
108-88-3	TOLUENE	ug/m3	770	500	140	35	120
79-01-6	TRICHLOROETHYLENE (TCE)	ug/m3	ND	44	ND	ND	2.7
75-69-4	TRICHLOROFLUOROMETHANE	ug/m3	ND	5	ND	ND	2.2
75-01-4	VINYL CHLORIDE	ug/m3	ND	ND	14	ND	ND

Notes:
(1) ND indicates compound was not detected.
(2) J indicates an estimated concentration.

Table 4B
Soil Vapor Intrusion Analytical Results Summary
Former Farrington Street Gas Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York, Inc.

				Location ID	AMB-01		AMB-01		SSB-01		IAQ-01		SSB-02		IAQ-02		SSB-03	
				Sample ID	FARRINGTON-AMB-01_20241206		FARRINGTON-AMB-01_20241209		FARRINGTON-SSB-01_20241209		FARRINGTON-IAQ-01_20241209		FARRINGTON-SSB-02_20241209		FARRINGTON-IAQ-02_20241209		FARRINGTON-SSB-03_20241209	
				Matrix	AO		AO		AS		AI		AS		AI		AS	
				Lab Sample ID	200-76222-5		200-76222-24		200-76222-13		200-76222-14		200-76222-15		200-76222-16		200-76222-17	
				SDG	200762221		200762221		200762221		200762221		200762221		200762221		200762221	
				Sample Date	12/6/2024		12/10/2024		12/10/2024		12/10/2024		12/10/2024		12/10/2024		12/10/2024	
				Sample Type Code	N		N		N		N		N		N		N	
Method	Chemical Name	CAS RN	Unit															
Soil Vapor/Indoor Air Matrix A																		
TO15	1,1-Dichloroethene	75-35-4	ug/m3	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	**8**	U
TO15	Carbon Tetrachloride	56-23-5	ug/m3	0.4	J	1	U	0.5	J	0.2	J	0.5	J	0.5	J	**5**	J
TO15	Cis-1,2-Dichloroethylene	156-59-2	ug/m3	0.8	U	0.8	U	2		0.8	U	0.8	U	0.8	U	**8**	U
TO15	Trichloroethylene (TCE)	79-01-6	ug/m3	1	U	1	U	**6**		**1**	U	0.2	J	1	U	**17**	
Soil Vapor/Indoor Air Matrix B																		
TO15	1,1,1-Trichloroethane (TCA)	71-55-6	ug/m3	1	U	1	U	0.4	J	1	U	0.6	J	1	U	11	U
TO15	Methylene Chloride	75-09-2	ug/m3	2	U	2	U	2	U	2	U	2	U	2		17	U
TO15	Tetrachloroethylene (PCE)	127-18-4	ug/m3	1	U	1	U	26		1	U	2		0.2	J	11	J
Soil Vapor/Indoor Air Matrix C																		
TO15	Vinyl Chloride	75-01-4	ug/m3	0.5	U	0.5	U	0.5		0.5	U	0.5	U	0.5	U	5	U
Soil Vapor/Indoor Air Matrix D																		
TO15	1,2,4-Trimethylbenzene	95-63-6	ug/m3	1	U	1	U	2		1	U	2		1	U	10	U
TO15	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	1	U	1	U	0.4	J	1	U	0.5	J	1	U	10	U
TO15	2,2,4-Trimethylpentane	540-84-1	ug/m3	2		0.9	U	4		0.9	U	3		0.6	J	3	J
TO15	Benzene	71-43-2	ug/m3	0.8		0.6	U	5		0.6	U	0.7		0.6	J	6	U
TO15	Cyclohexane	110-82-7	ug/m3	0.7	U	0.7	U	1		0.7	U	0.2	J	0.7	U	7	U
TO15	Ethylbenzene	100-41-4	ug/m3	0.9	U	0.9	U	1		0.9	U	1		0.9	U	9	U
TO15	Naphthalene	91-20-3	ug/m3	3	U	3	U	3	U	3	U	3	U	3	U	26	U
TO15	O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	0.9	U	0.9	U	1		0.9	U	2		0.9	U	9	U
Soil Vapor/Indoor Air Matrix E																		
TO15	m,p-Xylene	179601-23-1	ug/m3	0.5	J	2	U	3		2	U	4		0.6	J	22	U
TO15	N-Heptane	142-82-5	ug/m3	0.3	J	0.8	U	5		0.8	U	1		0.4	J	3	J
TO15	N-Hexane	110-54-3	ug/m3	0.6	J	2	U	1	J	2	U	0.5	J	0.8	J	18	U
Soil Vapor/Indoor Air Matrix F																		
TO15	Toluene	108-88-3	ug/m3	2		0.8	U	7		0.8	U	3		1		3	J

Required Action(s) Per NYSDOH Decision Matrices
- No Further Action
- Identify Source(s) and Resample or Mitigate
- Monitor
- Mitigate

Bold indicates exceedance of applicable matrix criteria

Table 4B
Soil Vapor Intrusion Analytical Results Summary
Former Farrington Street Gas Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York, Inc.

				Location ID	IAQ-03		SSB-04		IAQ-04		SSB-05		SSB-05		IAQ-05		SSB-06	
				Sample ID	FARRINGTON-IAQ-03_20241209		FARRINGTON-SSB-04_20241209		FARRINGTON-IAQ-04_20241209		FARRINGTON-SSB-05_20241209		FARRINGTON-SSB-05_20241209-A		FARRINGTON-IAQ-05_20241209		FARRINGTON-SSB-06_20241206	
				Matrix	AI		AS		AI		AS		AS		AI		AS	
				Lab Sample ID	200-76222-18		200-76222-22		200-76222-23		200-76222-20		200-76222-19		200-76222-21		200-76222-3	
				SDG	200762221		200762221		200762221		200762221		200762221		200762221		200762221	
				Sample Date	12/10/2024		12/10/2024		12/10/2024		12/10/2024		12/10/2024		12/10/2024		12/6/2024	
				Sample Type Code	N		N		N		N		FD		N		N	
Method	Chemical Name	CAS RN	Unit															
Soil Vapor/Indoor Air Matrix A																		
TO15	1,1-Dichloroethene	75-35-4	ug/m3	**0.8**	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.4	J
TO15	Carbon Tetrachloride	56-23-5	ug/m3	**0.3**	J	0.3	J	0.4	J	0.3	J	0.2	J	0.4	J	0.5	J
TO15	Cis-1,2-Dichloroethylene	156-59-2	ug/m3	**0.8**	U	0.8	U	0.8	U	0.3	J	0.8	U	0.8	U	2	U
TO15	Trichloroethylene (TCE)	79-01-6	ug/m3	**1**	U	**7**		**1**	U	0.1	J	0.2	J	1	U	1	J
Soil Vapor/Indoor Air Matrix B																		
TO15	1,1,1-Trichloroethane (TCA)	71-55-6	ug/m3	1	U	1	U	1	U	1	U	0.3	J	1	U	0.8	J
TO15	Methylene Chloride	75-09-2	ug/m3	0.6	J	2	U	1	J	0.9	J	2	U	2	U	3	U
TO15	Tetrachloroethylene (PCE)	127-18-4	ug/m3	1	U	1	J	0.4	J	5	J	9	J	0.4	J	11		
Soil Vapor/Indoor Air Matrix C																		
TO15	Vinyl Chloride	75-01-4	ug/m3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U
Soil Vapor/Indoor Air Matrix D																		
TO15	1,2,4-Trimethylbenzene	95-63-6	ug/m3	1	U	3		1	U	0.8	J	5	J	1	U	2		
TO15	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	1	U	0.6	J	1	U	0.2	J	1	J	1	U	0.7	J
TO15	2,2,4-Trimethylpentane	540-84-1	ug/m3	0.9	U	25		0.4	J	0.6	J	2	J	0.5	J	3		
TO15	Benzene	71-43-2	ug/m3	0.5	J	3		0.6	J	0.5	J	0.9	J	0.6	J	**100**		
TO15	Cyclohexane	110-82-7	ug/m3	0.7	U	2		0.7	U	0.7	U	0.7	U	0.7	U	21		
TO15	Ethylbenzene	100-41-4	ug/m3	0.9	U	2		0.9	U	9	J	35	J	0.6	J	4		
TO15	Naphthalene	91-20-3	ug/m3	3	U	3	U	3	U	3	U	3	U	3	U	5	U	
TO15	O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	0.9	U	2		0.9	U	10	J	44	J	0.6	J	3		
Soil Vapor/Indoor Air Matrix E																		
TO15	m,p-Xylene	179601-23-1	ug/m3	2	U	6		2	U	32	J	130	J	2		9		
TO15	N-Heptane	142-82-5	ug/m3	0.8	U	4		0.4	J	0.8	J	3	J	0.5	J	12		
TO15	N-Hexane	110-54-3	ug/m3	0.4	J	4		0.5	J	0.4	J	0.4	J	0.5	J	5		
Soil Vapor/Indoor Air Matrix F																		
TO15	Toluene	108-88-3	ug/m3	0.8	U	11		0.8		14	J	49	J	2		20		

Required Action(s) Per NYSDOH Decision Matrices
No Further Action
Identify Source(s) and Resample or Mitigate
Monitor
Mitigate
Bold indicates exceedance of applicable matrix criteria

Table 4B
Soil Vapor Intrusion Analytical Results Summary
Former Farrington Street Gas Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York, Inc.

				Location ID	IAQ-06		SSB-07		IAQ-07		SSB-08		IAQ-08		SSB-09		IAQ-09	
				Sample ID	FARRINGTON-IAQ-06_20241206		FARRINGTON-SSB-07_20241206		FARRINGTON-IAQ-07_20241206		FARRINGTON-SSB-08_20241206		FARRINGTON-IAQ-08_20241206		FARRINGTON-SSB-09_20241206		FARRINGTON-IAQ-09_20241206	
				Matrix	AI		AS		AI		AS		AI		AS		AI	
				Lab Sample ID	200-76222-4		200-76222-11		200-76222-12		200-76222-1		200-76222-2		200-76222-8		200-76222-10	
				SDG	200762221		200762221		200762221		200762221		200762221		200762221		200762221	
				Sample Date	12/6/2024		12/6/2024		12/6/2024		12/6/2024		12/6/2024		12/6/2024		12/6/2024	
				Sample Type Code	N		N		N		N		N		N		N	
Method	Chemical Name	CAS RN	Unit															
Soil Vapor/Indoor Air Matrix A																		
TO15	1,1-Dichloroethene	75-35-4	ug/m3	0.8	U	0.2	J	0.8	U	0.2	J	0.8	U	0.8	U	0.8	U	
TO15	Carbon Tetrachloride	56-23-5	ug/m3	0.4	J	**21**		0.5	J	0.3	J	0.4	J	0.3	J	0.4	J	
TO15	Cis-1,2-Dichloroethylene	156-59-2	ug/m3	0.8	U	2		0.8	U	0.8	UJ	0.8	U	0.8	U	0.8	U	
TO15	Trichloroethylene (TCE)	79-01-6	ug/m3	1	U	**6**		1	U	1	J-	1	U	0.6	J	1	U	
Soil Vapor/Indoor Air Matrix B																		
TO15	1,1,1-Trichloroethane (TCA)	71-55-6	ug/m3	1	U	13		1	U	0.4	J	1	U	1	J	1	U	
TO15	Methylene Chloride	75-09-2	ug/m3	0.6	J	0.7	J	2	U	2	J-	0.8	J	0.9	J	0.8	J	
TO15	Tetrachloroethylene (PCE)	127-18-4	ug/m3	0.2	J	14		0.4	J	1	UJ	0.7	J	6	J	0.7	J	
Soil Vapor/Indoor Air Matrix C																		
TO15	Vinyl Chloride	75-01-4	ug/m3	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	
Soil Vapor/Indoor Air Matrix D																		
TO15	1,2,4-Trimethylbenzene	95-63-6	ug/m3	0.4	J	1	U	0.8	J	1	UJ	1	U	6	J	1	U	
TO15	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	1	U	1	U	1	U	1	UJ	1	U	2	J	1	U	
TO15	2,2,4-Trimethylpentane	540-84-1	ug/m3	0.5	J	0.3	J	**2**		0.9	UJ	0.9	U	**87**	J	0.8	J	
TO15	Benzene	71-43-2	ug/m3	0.7		2		1		0.6	J-	0.8		6	J	0.6		
TO15	Cyclohexane	110-82-7	ug/m3	0.7	U	8		0.4	J	3	J-	0.7	U	3	J	0.7	U	
TO15	Ethylbenzene	100-41-4	ug/m3	0.9	U	0.3	J	0.7	J	0.9	UJ	0.9	U	7	J	0.9	U	
TO15	Naphthalene	91-20-3	ug/m3	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	
TO15	O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	0.9	U	0.9	U	0.8	J	0.9	UJ	0.9	U	10	J	0.9	U	
Soil Vapor/Indoor Air Matrix E																		
TO15	m,p-Xylene	179601-23-1	ug/m3	0.7	J	0.5	J	3		2	UJ	2	U	25	J	2	U	
TO15	N-Heptane	142-82-5	ug/m3	0.4	J	4		0.8		0.8	UJ	0.8	U	9	J	0.4	J	
TO15	N-Hexane	110-54-3	ug/m3	0.5	J	2	J	0.8	J	1	J	0.5	J	13	J	0.6	J	
Soil Vapor/Indoor Air Matrix F																		
TO15	Toluene	108-88-3	ug/m3	3		1		5		0.8	UJ	0.4	J	38	J	0.9		

Required Action(s) Per NYSDOH Decision Matrices
No Further Action
Identify Source(s) and Resample or Mitigate
Monitor
Mitigate
Bold indicates exceedance of applicable matrix criteria

Table 4B
Soil Vapor Intrusion Analytical Results Summary
Former Farrington Street Gas Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York, Inc.

				Location ID	SSB-10		IAQ-10	
				Sample ID	FARRINGTON-SSB-10_20241206		FARRINGTON-IAQ-10_20241206	
				Matrix	AS		AI	
				Lab Sample ID	200-76222-6		200-76222-7	
				SDG	200762221		200762221	
				Sample Date	12/6/2024		12/6/2024	
				Sample Type Code	N		N	
Method	Chemical Name	CAS RN	Unit					
Soil Vapor/Indoor Air Matrix A								
TO15	1,1-Dichloroethene	75-35-4	ug/m3	2	U		0.8	U
TO15	Carbon Tetrachloride	56-23-5	ug/m3	2	J		0.3	J
TO15	Cis-1,2-Dichloroethylene	156-59-2	ug/m3	3			0.8	U
TO15	Trichloroethylene (TCE)	79-01-6	ug/m3	**190**			1	U
Soil Vapor/Indoor Air Matrix B								
TO15	1,1,1-Trichloroethane (TCA)	71-55-6	ug/m3	6			1	U
TO15	Methylene Chloride	75-09-2	ug/m3	3	U		0.7	J
TO15	Tetrachloroethylene (PCE)	127-18-4	ug/m3	20			0.9	J
Soil Vapor/Indoor Air Matrix C								
TO15	Vinyl Chloride	75-01-4	ug/m3	1	U		0.5	U
Soil Vapor/Indoor Air Matrix D								
TO15	1,2,4-Trimethylbenzene	95-63-6	ug/m3	1	J		1	U
TO15	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	0.6	J		1	U
TO15	2,2,4-Trimethylpentane	540-84-1	ug/m3	2	U		0.4	J
TO15	Benzene	71-43-2	ug/m3	4			0.5	J
TO15	Cyclohexane	110-82-7	ug/m3	2			0.7	U
TO15	Ethylbenzene	100-41-4	ug/m3	7			0.9	U
TO15	Naphthalene	91-20-3	ug/m3	5	U		3	U
TO15	O-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	3			0.9	U
Soil Vapor/Indoor Air Matrix E								
TO15	m,p-Xylene	179601-23-1	ug/m3	20			0.5	J
TO15	N-Heptane	142-82-5	ug/m3	10			0.4	J
TO15	N-Hexane	110-54-3	ug/m3	1	J		0.5	J
Soil Vapor/Indoor Air Matrix F								
TO15	Toluene	108-88-3	ug/m3	5			1	

Required Action(s) Per NYSDOH Decision Matrices
No Further Action
Identify Source(s) and Resample or Mitigate
Monitor
Mitigate
Bold indicates exceedance of applicable matrix criteria

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	A1		A1		A1		A2		A2	
					Location ID:	SB-100		SB-100		SB-91		SB-109		SB-109	
					Depth:	0.5 - 1		3.5 - 4		23.5 - 24		0.5 - 1		3.5 - 4	
					Sample ID:	SB_100_20211208_0.5-1.0		SB_100_20211208_3.5-4.0		SB-91_20220228-23.5-24.0		SB-109_20211129-0.5-1.0		SB-109_20211129-3.5-4.0	
					Lab Sample ID:	460-248749-13		460-248749-14		460-253443-12		460-248139-3		460-248139-4	
					SDG:	4602487491		4602487491		4602534431		4602481391		4602481391	
					Matrix:	SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N	
					Sample Date:	12/8/2021		12/8/2021		2/28/2022		11/29/2021		11/29/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**										
	Polychlorinated Biphenyls (PCBs)														
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.09		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.05		0.05		ND		0.11		0.02	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.05		0.05		ND		0.20		0.02	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	A3		A3		A3		A4		A4		A4	
					Location ID:	SB-98		SB-98		SB-98		SB-129		SB-129		SB-129	
					Depth:	0.5 - 1		3.5 - 4		33 - 33.5		0.5 - 1		2.5 - 3		3.5 - 4	
					Sample ID:	SB-98_20211202-0.5-1.0		SB-98_20211202-3.5-4.0		SB-98_20220209-33.0-33.5		SB-129_20211230-0.5-1.0		SB-129_20211230-2.5-3.0		SB-129_20220121-3.5-4.0	
					Lab Sample ID:	460-248387-1		460-248387-2		460-252311-2		460-250018-16		460-250018-17		460-251087-6	
					SDG:	4602483871		4602483871		4602523111		4602500181		4602500181		4602510871	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/2/2021		12/2/2021		2/9/2022		12/30/2021		12/30/2021		1/21/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.09		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.54		0.13		ND		0.21		0.14		0.02	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.54		0.13		ND		0.30		0.14		0.02	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	A5		A5		A5		A6		A6		B1	
					Location ID:	SB-197		SB-197		SB-209		SB-198		SB-198		SB-101	
					Depth:	0.5 - 1		3.5 - 4		48.5 - 49		0.5 - 1		3.5 - 4		0.5 - 1	
					Sample ID:	SB-197_20211214-0.5-1.0		SB-197_20211214-3.5-4.0		SB-209_20220302-48.5-49.0		SB-198_20211122-0.5-1.0		SB-198_20211122-3.5-4.0		SB-101_20211230-0.5-1.0	
					Lab Sample ID:	460-249126-9		460-249126-10		460-253603-1		460-247852-11		460-247852-12		460-250018-18	
					SDG:	4602491261		4602491261		4602536031		4602478521		4602478521		4602500181	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/14/2021		12/14/2021		3/2/2022		11/22/2021		11/22/2021		12/30/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.06	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.24		0.03		ND		**7.70**	J	0.57		0.09	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.24		0.03		ND		**7.70**		0.57		0.15	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B1		B2		B2		B3		B3		B4					
					Location ID:	SB-101		SB-110		SB-110		SB-119		SB-119		SB-130					
					Depth:	2 - 2.5		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1					
					Sample ID:	SB-101_20211230-2.0-2.5		SB-110_20211203-0.5-1.0		SB-110_20211203-3.5-4.0		SB-119_20211129-0.5-1.0		SB-119_20211129-3.5-4.0		SB-130_20211220-0.5-1.0					
					Lab Sample ID:	460-250018-19		460-248387-3		460-248387-4		460-248139-1		460-248139-2		460-249597-5					
					SDG:	4602500181		4602483871		4602483871		4602481391		4602481391		4602495971					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	12/30/2021		12/3/2021		12/3/2021		11/29/2021		11/29/2021		12/20/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.06					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.17		0.13		0.01	J	0.28		0.44		0.05					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.17		0.13		0.01	J	0.28		0.44		0.10					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B4		B5		B5		B6		B6		B6	
					Location ID:	SB-130		SB-138		SB-138		SB-93		SB-93		SB-93	
					Depth:	3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1		0.5 - 1		3.5 - 4	
					Sample ID:	SB-130_20211220-3.5-4.0		SB-138_20211214_0.5-1.0		SB-138_20211214_3.5-4.0		SB-93_20211123-0.5-1.0		SB-93_20211123-0.5-1.0_D		SB-93_20211123-3.5-4.0	
					Lab Sample ID:	460-249597-6		460-249289-1		460-249289-2		460-247852-13		460-247852-14		460-247852-15	
					SDG:	4602495971		4602492891		4602492891		4602478521		4602478521		4602478521	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		FD		N	
					Sample Date:	12/20/2021		12/14/2021		12/14/2021		11/23/2021		11/23/2021		11/23/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.21	J	ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.05		0.03		0.20		0.19	J	0.11	J	3.00	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.05		0.03		0.20		0.19	J	0.32	J	3.00	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B6		B6		B6		B6		B6		B6	
					Location ID:	SB-93		SB-93		SB-93		SB-93		SB-93		SB-93	
					Depth:	4 - 4.5		4.5 - 5		8.5 - 9		9 - 9.5		9.5 - 10		48.5 - 49	
					Sample ID:	SB-93-20221014-4.0-4.5		SB-93-20221014-4.5-5.0		SB-93-20221014-8.5-9.0		SB-93-20221014-9.0-9.5		SB-93-20221014-9.5-10.0		SB-93_20220209-48.5-49.0	
					Lab Sample ID:	460-267541-32		460-267541-33		460-267541-41		460-267541-42		460-267541-43		460-252311-1	
					SDG:	4602675411		4602675411		4602675411		4602675411		4602675411		4602523111	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/14/2022		10/14/2022		10/14/2022		10/14/2022		10/14/2022		2/9/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.04		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.08		0.09		0.35		0.26		0.13		ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.03	U	0.03	U	ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.08		0.09		0.35		0.26		0.17		ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B7		B7		B7		B7		B7		B7	
					Location ID:	SB-153		SB-153		SB-153		SB-153		SB-153		SB-153	
					Depth:	0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-153_20211122-0.5-1.0		SB-153_20211122-3.5-4.0		SB-153_20230309-4.0-4.5		SB-153_20230309-4.0-4.5-A		SB-153_20230309-4.5-5.0		SB-153_20230309-5.0-5.5	
					Lab Sample ID:	460-247852-5		460-247852-6		460-276043-2		460-276043-3		460-276043-4		460-276043-5	
					SDG:	4602478521		4602478521		4602760431		4602760431		4602760431		4602760431	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		FD		N		N	
					Sample Date:	11/22/2021		11/22/2021		3/9/2023		3/9/2023		3/9/2023		3/9/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		0.03	U	0.11	U	0.24	U	0.03	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		0.03	U	0.11	U	0.24	U	0.03	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		0.03	U	0.11	U	0.24	U	0.03	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		0.03	U	0.11	U	0.24	U	0.03	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		0.03	U	0.11	U	0.24	U	0.03	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.63		0.39		0.15	J	1.50	J	0.32	J+	0.03	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.72		0.50		0.28	J	2.40	J	0.43	J+	0.10	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		0.03	U	0.11	U	0.24	U	0.03	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		0.21	J	0.11	UJ	0.79	J+	0.03	U
	Total PCBs	**1**	**10**	**50**	mg/kg	1.40		0.89		0.64	J	**3.90**	J	1.50	J+	0.10	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B8		B8		B8		B8		B8		B8					
					Location ID:	SB-163		SB-163		SB-163		SB-163		SB-163		SB-163					
					Depth:	0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6					
					Sample ID:	SB-163_20211118-0.5-1.0		SB-163_20211118-3.5-4.0		SB-163_20220125-4.0-4.5		SB-163_20220125-4.5-5.0		SB-163_20220218-5.0-5.5		SB-163-20231024-5.5-6.0					
					Lab Sample ID:	460-247558-12		460-247558-13		460-251246-2		460-251246-3		460-252831-7		460-292442-18					
					SDG:	4602475581		4602475581		4602512461		4602512461		4602528311		4602924421					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	11/18/2021		11/18/2021		1/25/2022		1/25/2022		2/18/2022		10/24/2023					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	2.40		2.50		**5.60**	**J**	2.00		ND		1.10	U				
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	2.70		2.20		**6.60**	**J**	2.20		ND		**16.00**					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		1.10	U				
	Total PCBs	**1**	**10**	**50**	mg/kg	**5.10**		**4.70**		**12.20**	**J**	**4.20**		ND		**16.00**					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B8		B8		B8		B8		B8		B9	
					Location ID:	SB-163		SB-163		SB-163		SB-163		SB-163		SB-171	
					Depth:	6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8		8 - 8.5		0.5 - 1	
					Sample ID:	SB-163-20231024-6.0-6.5		SB-163-20231024-6.5-7.0		SB-163-20231024-7.0-7.5		SB-163-20231024-7.5-8.0		SB-163-20231024-8.0-8.5		SB-171_20211118-0.5-1.0	
					Lab Sample ID:	460-292442-19		460-292442-20		460-292442-21		460-292442-22		460-292442-23		460-247558-10	
					SDG:	4602924421		4602924421		4602924421		4602924421		4602924421		4602475581	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/24/2023		10/24/2023		10/24/2023		10/24/2023		10/24/2023		11/18/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	**8.50**		1.80		2.10		0.03	J	0.02	J	0.10	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.43	U	0.11	U	0.11	U	0.03	U	0.02	U	ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	**8.50**		1.80		2.10		0.03	J	0.02	J	0.10	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B9		B9		B9		B9		B9		B9	
					Location ID:	SB-171		SB-171		SB-171		SB-171		SB-171		SB-171	
					Depth:	3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		5.5 - 6	
					Sample ID:	SB-171_20211118		SB-171_20220126-4.0-4.5		SB-171_20220126-4.5-5.0		SB-171_20220218-5.0-5.5		SB-171_20220218-5.5-6.0		SB-171_20231027-5.5-6.0	
					Lab Sample ID:	460-247558-11		460-251525-1		460-251525-2		460-252831-1		460-252831-2		460-291385-47	
					SDG:	4602475581		4602515251		4602515251		4602528311		4602528311		4602913851	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	11/18/2021		1/26/2022		1/26/2022		2/18/2022		2/18/2022		10/27/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	2.20		1.60		0.64		1.70		0.05		0.09	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.90		1.30		0.66		1.50		0.05		0.09	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	**4.10**		2.90		1.30		**3.20**		0.10		0.17	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B9		B9		B9		B9		B9		B10					
					Location ID:	SB-171		SB-171		SB-171		SB-171		SB-171		SB-180					
					Depth:	6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8		8 - 8.5		0.5 - 1					
					Sample ID:	SB-171_20231027-6.0-6.5		SB-171_20231027-6.5-7.0		SB-171_20231027-7.0-7.5		SB-171_20231027-7.5-8.0		SB-171_20231027-8.0-8.5		SB-180_20211115-0.5-1.0					
					Lab Sample ID:	460-291385-48		460-291385-49		460-291385-50		460-291385-51		460-291385-52		460-247512-1					
					SDG:	4602913851		4602913851		4602913851		4602913851		4602913851		4602475121					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	10/27/2023		10/27/2023		10/27/2023		10/27/2023		10/27/2023		11/15/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.73		0.56		**5.70**		0.72		0.35		ND					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.10		0.65		**3.50**		0.52		0.60		ND					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.23	U	0.02	U	0.03	U	ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	1.80		1.20		**9.20**		1.20		0.95		ND					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B10		B10		B10		B10		B10		B10	
					Location ID:	SB-180		SB-180		SB-180		SB-180		SB-180		SB-180	
					Depth:	3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5	
					Sample ID:	SB-180_20211115-3.5-4.0		SB-180_20220105-4.0-4.5		SB-180_20220105-4.5-5.0		SB-180_20220211-5.0-5.5		SB-180_20220211-5.5-6.0		SB-180_20230620-6.0-6.5	
					Lab Sample ID:	460-247512-2		460-250148-11		460-250148-12		460-252378-1		460-252378-2		460-282692-26	
					SDG:	4602475121		4602501481		4602501481		4602523781		4602523781		4602826921	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	11/15/2021		1/5/2022		1/5/2022		2/11/2022		2/11/2022		6/20/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		1.70		0.74		ND		ND		0.92	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	**4.70**		2.80		1.50		**6.60**		0.17		1.10	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.04	U
	Total PCBs	**1**	**10**	**50**	mg/kg	**4.70**		**4.50**		**2.24**		**6.60**		0.17		2.00	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B10		B10		B10		B10		B11		B11	
					Location ID:	SB-180		SB-180		SB-180		SB-180		SB-200		SB-200	
					Depth:	6.5 - 7		7 - 7.5		7.5 - 8		8 - 8.5		1.5 - 2		3.5 - 4	
					Sample ID:	SB-180_20230620-6.5-7.0		SB-180_20230620-7.0-7.5		SB-180_20230620-7.5-8.0		SB-180_20230620-8.0-8.5		SB-200_20220103-1.5-2.0		SB-200_20220103-3.5-4.0	
					Lab Sample ID:	460-282692-27		460-282692-28		460-282692-29		460-282692-30		460-250148-5		460-250148-6	
					SDG:	4602826921		4602826921		4602826921		4602826921		4602501481		4602501481	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	6/20/2023		6/20/2023		6/20/2023		6/20/2023		1/3/2022		1/3/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.78	JN	0.78	JN	0.60		0.13		0.23	J	0.87	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.87	JN	0.77	J	0.88		0.21		0.58	J	2.20	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.05	U	0.02	U	0.05	U	0.11	U	ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	1.70		1.60		1.50		0.34		0.81	J	3.07	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B11		B11		B11		B11		B11		B11	
					Location ID:	SB-200		SB-200		SB-200		SB-200		SB-200		SB-200	
					Depth:	4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7	
					Sample ID:	SB-200_20220114-4.0-4.5		SB-200-20230316-4.5-5.0		SB-200-20230316-5.0-5.5		SB-200-20230316-5.5-6.0		SB-200-20230316-6.0-6.5		SB-200_20231027-6.5-7.0	
					Lab Sample ID:	460-250735-3		460-276493-2		460-276493-3		460-276493-4		460-276493-5		460-291385-39	
					SDG:	4602507351		4602764931		4602764931		4602764931		4602764931		4602913851	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	1/14/2022		3/16/2023		3/16/2023		3/16/2023		3/16/2023		10/27/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.37		0.55		**4.70**		0.04		1.90	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.41		0.68		0.62		**3.90**		0.05		2.20	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.04	U	0.02	U	0.24	U	0.03	U	0.11	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.41		1.10		1.20		**8.60**		0.09		**4.10**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	B11		B11		C1		C1		C2		C2	
					Location ID:	SB-200		SB-200		SB-102		SB-102		SB-111		SB-111	
					Depth:	7 - 7.5		7.5 - 8		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4	
					Sample ID:	SB-200_20231027-7.0-7.5		SB-200_20231027-7.5-8.0		SB-102_20211213-0.5-1.0		SB-102_20211213-3.5-4.0		SB-111_20211213-0.5-1.0		SB-111_20211213-3.5-4.0	
					Lab Sample ID:	460-291385-40		460-291385-41		460-249126-1		460-249126-2		460-249126-3		460-249126-4	
					SDG:	4602913851		4602913851		4602491261		4602491261		4602491261		4602491261	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/27/2023		10/27/2023		12/13/2021		12/13/2021		12/13/2021		12/13/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	1.10		0.27		ND		ND		0.21		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.90		0.38		0.08		0.16		0.17		ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.11	U	0.02	U	ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	3.00		0.65		0.08		0.16		0.38		ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C2		C3		C3		C4		C4		C4	
					Location ID:	SB-111		SB-120		SB-120		SB-131		SB-131		SB-210	
					Depth:	34.5 - 35		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		36.5 - 37	
					Sample ID:	SB-111_20220209-34.5-35.0		SB-120_20211129-0.5-1.0		SB-120_20211129-3.5-4.0		SB-131_20211215_0.5-1.0		SB-131_20211215_3.5-4.0		SB-210_20220209-36.5-37.0	
					Lab Sample ID:	460-252311-5		460-248139-5		460-248139-7		460-249289-7		460-249289-8		460-252311-4	
					SDG:	4602523111		4602481391		4602481391		4602492891		4602492891		4602523111	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/10/2022		11/29/2021		11/29/2021		12/15/2021		12/15/2021		2/9/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.11		ND		0.03		0.01	J	ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		0.11		ND		0.03		0.01	J	ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C4		C5		C5		C6		C6		C6	
					Location ID:	SB-90		SB-139		SB-139		SB-148		SB-148		SB-148	
					Depth:	25.5 - 26		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		4 - 4.5	
					Sample ID:	SB-90_20220214-25.5-26.0		SB-139_20211230-0.5-1.0		SB-139_20211230-3.5-4.0		SB-148_20211122-0.5-1.0		SB-148_20211122-3.5-4.0		SB-148_20231024-4.0-4.5	
					Lab Sample ID:	460-252569-2		460-250018-20		460-250018-21		460-247852-9		460-247852-10		460-291128-2	
					SDG:	4602525691		4602500181		4602500181		4602478521		4602478521		4602911281	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/14/2022		12/30/2021		12/30/2021		11/22/2021		11/22/2021		10/24/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	UJ
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.47		0.25		0.08		0.19		0.31	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		0.47		0.25		0.08		0.19		0.31	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C6		C6		C6		C6		C7		C7	
					Location ID:	SB-148		SB-148		SB-148		SB-148		SB-154		SB-154	
					Depth:	4 - 4.5		4.5 - 5		4.5 - 5		5 - 5.5		0.5 - 1		3.5 - 4	
					Sample ID:	SB-148_20231024-4.0-4.5-A		SB-148_20231024-4.5-5.0		SB-148_20231024-4.5-5.0-A		SB-148_20231024-5.0-5.5		SB-154_20211119-0.5-1.0		SB-154_20211119-3.5-4.0	
					Lab Sample ID:	460-291128-3		460-291128-4		460-291128-5		460-291128-6		460-247647-4		460-247647-5	
					SDG:	4602911281		4602911281		4602911281		4602911281		4602476471		4602476471	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	FD		N		FD		N		N		N	
					Sample Date:	10/24/2023		10/24/2023		10/24/2023		10/24/2023		11/19/2021		11/19/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.07	J	0.26	J	0.02	UJ	0.02	U	ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.18	J	0.58	J	0.24	J	0.14		0.10		0.26	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	U	0.02	U	ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.25	J	0.84	J	0.24	J	0.14		0.10		0.26	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C7		C7		C7		C7		C8		C8					
					Location ID:	SB-154		SB-154		SB-154		SB-154		SB-164		SB-164					
					Depth:	4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		0.5 - 1		0.5 - 1					
					Sample ID:	SB-154_20230616-4.0-4.5		SB-154_20230616-4.5-5.0		SB-154_20230616-5.0-5.5		SB-154_20230616-5.5-6.0		SB-164_20211119-0.5-1.0		SB-164_20211119-0.5-1.0_D					
					Lab Sample ID:	460-282586-29		460-282586-30		460-282586-31		460-282586-32		460-247647-7		460-247647-8					
					SDG:	4602825861		4602825861		4602825861		4602825861		4602476471		4602476471					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		FD					
					Sample Date:	6/16/2023		6/16/2023		6/16/2023		6/16/2023		11/19/2021		11/19/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.69	J	0.67	J	0.78		0.22		ND		ND					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.00		1.00		0.90		0.21		0.26	J	0.43	J				
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.04	U	0.04	U	0.02	U	0.02	U	ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	1.70		1.70		1.70		0.43		0.26	J	0.43	J				

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C8		C8		C8		C8		C8		C8	
					Location ID:	SB-164		SB-164		SB-164		SB-164		SB-164		SB-164	
					Depth:	3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5	
					Sample ID:	SB-164_20211119-3.5-4.0		SB-164_20230313-4.0-4.5		SB-164_20230313-4.5-5.0		SB-164_20230313-5.0-5.5		SB-164_20230313-5.5-6.0		SB-164_20230313-6.0-6.5	
					Lab Sample ID:	460-247647-9		460-276286-16		460-276286-17		460-276286-18		460-276286-19		460-276286-20	
					SDG:	4602476471		4602762861		4602762861		4602762861		4602762861		4602762861	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	11/19/2021		3/13/2023		3/13/2023		3/13/2023		3/13/2023		3/13/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.50		0.53	J	0.02	U	0.03		0.09	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.43	J	0.67		0.91	J	0.36		0.05		0.03	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.43	J	1.20		1.40		0.36		0.07		0.11	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C8		C9		C9		C9		C9		C9	
					Location ID:	SB-164		SB-172		SB-172		SB-172		SB-172		SB-172	
					Depth:	23 - 23.5		0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-164_20220208-23.0-23.5		SB-172_20211118-0.5-1.0		SB-172_20211118-3.5-4.0		SB-172_20220111-4.0-4.5		SB-172_20220111-4.5-5.0		SB-172_20220228-5.0-5.5	
					Lab Sample ID:	460-252132-7		460-247558-8		460-247558-9		460-250511-15		460-250511-16		460-253443-2	
					SDG:	4602521321		4602475581		4602475581		4602505111		4602505111		4602534431	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/8/2022		11/18/2021		11/18/2021		1/11/2022		1/11/2022		2/28/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		0.64		**5.10**		**4.40**		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		**8.50**		1.00		**14.00**		**12.00**		1.70	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		1.80		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		**8.50**		1.64		**19.10**		**18.20**		1.70	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C9		C9		C9		C9		C9		C9	
					Location ID:	SB-172		SB-172		SB-172		SB-172		SB-172		SB-172	
					Depth:	5.5 - 6		6 - 6.5		6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8	
					Sample ID:	SB-172_20220228-5.5-6.0		SB-172_20220228-6.0-6.5		SB-172-20231027-6.0-6.5		SB-172-20231027-6.5-7.0		SB-172-20231027-7.0-7.5		SB-172-20231027-7.5-8.0	
					Lab Sample ID:	460-253443-3		460-253443-4		460-292442-31		460-292442-32		460-292442-33		460-292442-34	
					SDG:	4602534431		4602534432		4602924421		4602924421		4602924421		4602924421	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/28/2022		2/28/2022		10/27/2023		10/27/2023		10/27/2023		10/27/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.05	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.05	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.05	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.05	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.64		0.02	U	0.08	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.26		ND		2.70		1.20		0.24		0.16	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.88		0.03	J	1.60		0.95		0.81		0.15	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.05	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		0.11	U	0.05	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	1.14		0.03	J	**4.30**		2.80		1.10		0.39	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C9		C10		C10		C10		C10		C10	
					Location ID:	SB-172		SB-181		SB-181		SB-181		SB-181		SB-181	
					Depth:	8 - 8.5		0.5 - 1		0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5	
					Sample ID:	SB-172-20231027-8.0-8.5		SB-181_20211116-0.5-1.0		SB-181_20211116-0.5-1.0_D		SB-181_20211116-3.5-4.0		SB-181_20220110-4.0-4.5		SB-181_20220110-4.5-5.0	
					Lab Sample ID:	460-292442-35		460-247512-3		460-247512-4		460-247512-5		460-250511-13		460-250511-14	
					SDG:	4602924421		4602475121		4602475121		4602475121		4602505111		4602505111	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		FD		N		N		N	
					Sample Date:	10/27/2023		11/16/2021		11/16/2021		11/16/2021		1/10/2022		1/10/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.39		ND		ND		**3.50**		2.60		**3.40**	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.58		2.40		2.50		2.00		2.00		2.30	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		ND		0.22	J
	Total PCBs	**1**	**10**	**50**	mg/kg	0.97		2.40		2.50		**5.50**		**4.60**		**5.92**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C10		C10		C10		C10		C10		C10	
					Location ID:	SB-181		SB-181		SB-181		SB-181		SB-181		SB-181	
					Depth:	5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8	
					Sample ID:	SB-181_20220211-5.0-5.5		SB-181_20230309-5.5-6.0		SB-181_20230309-6.0-6.5		SB-181_20230309-6.5-7.0		SB-181_20230309-7.0-7.5		SB-181_20230309-7.5-8.0	
					Lab Sample ID:	460-252378-6		460-276043-27		460-276043-28		460-276043-29		460-276043-30		460-276043-31	
					SDG:	4602523781		4602760431		4602760431		4602760431		4602760431		4602760431	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/11/2022		3/9/2023		3/9/2023		3/9/2023		3/9/2023		3/9/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.44		2.10		**4.20**		0.20		0.03		0.30	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.39		1.50		**3.50**		0.34		0.07		0.29	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.10	U	0.25	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.83		**3.60**		**7.70**		0.54		0.09		0.59	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C11		C11		C11		C11		C11		C11	
					Location ID:	SB-192		SB-192		SB-192		SB-192		SB-192		SB-192	
					Depth:	1.5 - 2		3 - 3.5		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6	
					Sample ID:	SB-192_20220104-1.5-2.0		SB-192_20220104-3.0-3.5		SB-192_20220114-4.0-4.5		SB-192_20220114-4.5-5.0		SB-192_20230613-5.0-5.5		SB-192_20230613-5.5-6.0	
					Lab Sample ID:	460-250148-7		460-250148-8		460-250735-1		460-250735-2		460-282313-2		460-282313-3	
					SDG:	4602501481		4602501481		4602507351		4602507351		4602823131		4602823131	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	1/4/2022		1/4/2022		1/14/2022		1/14/2022		6/13/2023		6/13/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.87		1.50		1.50		0.53		1.10		0.22	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.70		3.10		1.70		0.44		1.60		0.35	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	2.57		**4.60**		**3.20**		0.97		**2.70**		0.57	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	C11		C11		C11		C11		D1		D1					
					Location ID:	SB-192		SB-192		SB-192		SB-192		SB-103		SB-103					
					Depth:	6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8		0.5 - 1		3.5 - 4					
					Sample ID:	SB-192_20230613-6.0-6.5		SB-192_20230613-6.5-7.0		SB-192_20230613-7.0-7.5		SB-192_20230613-7.5-8.0		SB-103_20211209-0.5-1.0		SB-103_20211209-3.5-4.0					
					Lab Sample ID:	460-282313-4		460-282313-5		460-282313-6		460-282313-7		460-249126-5		460-249126-6					
					SDG:	4602823131		4602823131		4602823131		4602823131		4602491261		4602491261					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	6/13/2023		6/13/2023		6/13/2023		6/13/2023		12/9/2021		12/9/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.69		**10.00**	J	0.34	J	0.09	J	ND		ND					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.54		**4.50**	J	1.00	J	0.10	J	0.29		0.04					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.09	U	0.45	UJ	0.11	UJ	0.02	UJ	ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	1.20		**15.00**	J	1.30	J	0.18	J	0.29		0.04					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D2		D2		D3		D3		D4		D4	
					Location ID:	SB-112		SB-112		SB-121		SB-121		SB-132		SB-132	
					Depth:	0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4	
					Sample ID:	SB-112_20211202-0.5-1.0		SB-112_20211202-3.5-4.0		SB-121_20211129-0.5-1.0		SB-121_20211129-3.5-4.0		SB-132_20211215_0.5-1.0		SB-132_20211215_3.5-4.0	
					Lab Sample ID:	460-248300-13		460-248300-14		460-248139-14		460-248139-15		460-249289-3		460-249289-4	
					SDG:	4602483001		4602483001		4602481391		4602481391		4602492891		4602492891	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/2/2021		12/2/2021		11/29/2021		11/29/2021		12/15/2021		12/15/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.23		0.03		0.07		0.08		0.03		0.02	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.23		0.03		0.07		0.08		0.03		0.02	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D5		D5		D6		D6		D6		D6					
					Location ID:	SB-140		SB-140		SB-94		SB-94		SB-94		SB-94					
					Depth:	0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		36.5 - 37		4 - 4.5					
					Sample ID:	SB-140_20211215_0.5-1.0		SB-140_20211215_3.5-4.0		SB-94_20211122-0.5-1.0		SB-94_20211122-3.5-4.0		SB-94_20220214-36.5-37.0		SB-94-20231024-4.0-4.5					
					Lab Sample ID:	460-249289-10		460-249289-11		460-247852-7		460-247852-8		460-252569-5		460-292442-1					
					SDG:	4602492891		4602492891		4602478521		4602478521		4602525691		4602924421					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	12/15/2021		12/15/2021		11/22/2021		11/22/2021		2/14/2022		10/24/2023					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.18	J	ND		ND		ND		ND		0.02	U				
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.47	J	0.03	J	0.50		0.23		ND		0.09					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U				
	Total PCBs	**1**	**10**	**50**	mg/kg	0.65	J	0.03	J	0.50		0.23		ND		0.09					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D6		D7		D7		D7		D7		D7					
					Location ID:	SB-94		SB-155		SB-155		SB-155		SB-155		SB-155					
					Depth:	4.5 - 5		0.5 - 1		3.5 - 4		23 - 23.5		4 - 4.5		4.5 - 5					
					Sample ID:	SB-94-20231024-4.5-5.0		SB-155_20211118-0.5-1.0		SB-155_20211118-3.5-4.0		SB-155_20220211-23.0-23.5		SB-155_20231026-4.0-4.5		SB-155_20231026-4.5-5.0					
					Lab Sample ID:	460-292442-2		460-247647-1		460-247647-2		460-252378-14		460-291385-15		460-291385-16					
					SDG:	4602924421		4602476471		4602476471		4602523781		4602913851		4602913851					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	10/24/2023		11/18/2021		11/18/2021		2/11/2022		10/26/2023		10/26/2023					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.04		0.08					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.12		0.43		0.06		ND		0.04		0.06					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.02	U	0.02	U				
	Total PCBs	**1**	**10**	**50**	mg/kg	0.12		0.43		0.06		ND		0.09		0.14					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D7		D7		D7		D8		D8		D8	
					Location ID:	SB-155		SB-155		SB-155		SB-165		SB-165		SB-165	
					Depth:	5 - 5.5		5.5 - 6		6 - 6.5		0.5 - 1		3.5 - 4		4 - 4.5	
					Sample ID:	SB-155_20231026-5.0-5.5		SB-155_20231026-5.5-6.0		SB-155_20231026-6.0-6.5		SB-165_20211118-0.5-1.0		SB-165_20211119-3.5-4.0		SB-165_20230619-4.0-4.5	
					Lab Sample ID:	460-291385-17		460-291385-18		460-291385-19		460-247647-3		460-247647-6		460-282692-2	
					SDG:	4602913851		4602913851		4602913851		4602476471		4602476471		4602826921	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/26/2023		10/26/2023		10/26/2023		11/18/2021		11/19/2021		6/19/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02		0.12		0.09		ND		ND		0.32	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.04		0.12		0.15		0.11	J	0.50	J	0.69	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.03	U	ND		ND		0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.07		0.24		0.24		0.11	J	0.50	J	1.00	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D8		D8		D8		D8		D9		D9					
					Location ID:	SB-165		SB-165		SB-165		SB-165		SB-173		SB-173					
					Depth:	4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		0.5 - 1		3.5 - 4					
					Sample ID:	SB-165_20230619-4.5-5.0		SB-165_20230619-5.0-5.5		SB-165_20230619-5.5-6.0		SB-165_20230619-6.0-6.5		SB-173_20211117-0.5-1.0		SB-173_20211117-3.5-4.0					
					Lab Sample ID:	460-282692-3		460-282692-4		460-282692-5		460-282692-6		460-247558-6		460-247558-7					
					SDG:	4602826921		4602826921		4602826921		4602826921		4602475581		4602475581					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	6/19/2023		6/19/2023		6/19/2023		6/19/2023		11/17/2021		11/17/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.33	J	0.02	U	1.60		0.23	JN	0.37		3.10					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.75	J	0.51	JN	0.04	U	0.02	U	0.58		2.40					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.04	U	0.02	U	ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	1.10		0.51		1.60		0.23	J+	0.95		**5.50**					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D9		D9		D9		D9		D9		D9	
					Location ID:	SB-173		SB-173		SB-173		SB-173		SB-173		SB-173	
					Depth:	4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7	
					Sample ID:	SB-173_20221013-4.0-4.5		SB-173_20221013-4.5-5.0		SB-173_20221013-5.0-5.5		SB-173_20221013-5.5-6.0		SB-173_20221013-6.0-6.5		SB-173_20221013-6.5-7.0	
					Lab Sample ID:	460-267463-17		460-267463-19		460-267463-21		460-267463-22		460-267463-23		460-267463-24	
					SDG:	4602674631		4602674631		4602674631		4602674631		4602674631		4602674631	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/13/2022		10/13/2022		10/13/2022		10/13/2022		10/13/2022		10/13/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.05	J	0.02	UJ	0.02	UJ	0.02	UJ
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.73	J	0.31	J	0.12	J	0.04	J	0.02	UJ	0.02	UJ
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.03	U	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.02	UJ
	Total PCBs	**1**	**10**	**50**	mg/kg	0.73	J	0.31	J	0.17	J	0.04	J	0.02	UJ	0.02	UJ

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D9		D9		D9		D10		D10		D10	
					Location ID:	SB-173		SB-173		SB-173		SB-92		SB-92		SB-92	
					Depth:	7 - 7.5		7.5 - 8		24.5 - 25		0.5 - 1		3.5 - 4		4 - 4.5	
					Sample ID:	SB-173_20221013-7.0-7.5		SB-173_20221013-7.5-8.0		SB-173_20220207-24.5-25.0		SB-92_20211116-0.5-1.0		SB-92_20211116-3.5-4.0		SB-92_20221017-4.0-4.5	
					Lab Sample ID:	460-267463-25		460-267463-26		460-252132-1		460-247512-6		460-247558-1		460-267624-2	
					SDG:	4602674631		4602674631		4602521321		4602475121		4602475581		4602676241	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/13/2022		10/13/2022		2/7/2022		11/16/2021		11/16/2021		10/17/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		**4.80**		0.02	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.10	J	ND		2.80		3.00		0.63	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.02	UJ	ND		ND		ND		0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.02	UJ	0.10	J	ND		2.80		**7.80**		0.63	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D10		D10		D10		D10		D10		D10	
					Location ID:	SB-92		SB-92		SB-92		SB-92		SB-92		SB-92	
					Depth:	4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7		7 - 7.5	
					Sample ID:	SB-92_20221017-4.5-5.0		SB-92_20221017-5.0-5.5		SB-92_20221017-5.5-6.0		SB-92_20221017-6.0-6.5		SB-92_20221017-6.5-7.0		SB-92_20221017-7.0-7.5	
					Lab Sample ID:	460-267624-3		460-267624-4		460-267624-5		460-267624-6		460-267624-7		460-267624-8	
					SDG:	4602676241		4602676241		4602676241		4602676241		4602676241		4602676241	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/17/2022		10/17/2022		10/17/2022		10/17/2022		10/17/2022		10/17/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	UJ	0.11	UJ	0.24	UJ	0.12	UJ
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	U	0.11	UJ	0.24	UJ	0.12	UJ
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	U	0.11	UJ	0.24	UJ	0.12	UJ
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	U	0.11	UJ	0.24	UJ	0.12	UJ
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	U	0.11	UJ	2.10	J	0.12	UJ
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	1.80		1.10		1.20		**4.50**	J	**6.30**	J	1.60	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	2.30		1.70		2.20	J-	2.10	J	**6.00**	J	2.10	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	U	0.11	UJ	0.24	UJ	0.12	UJ
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.14	U	0.11	U	0.13	U	0.11	UJ	0.24	UJ	0.12	UJ
	Total PCBs	**1**	**10**	**50**	mg/kg	**4.10**		2.80		**3.40**		**6.60**	J	**14.00**	J	**3.70**	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D10		D10		D11		D11		D11		D11	
					Location ID:	SB-92		SB-92		SB-188		SB-188		SB-188		SB-188	
					Depth:	7.5 - 8		24.5 - 25		1.5 - 2		3.5 - 4		4 - 4.5		4 - 4.5	
					Sample ID:	SB-92_20221017-7.5-8.0		SB-92_20220222-24.5-25.0		SB-188_20220104-1.5-2.0		SB-188_20220104-3.5-4.0		SB-188-20230316-4.0-4.5		SB-188-20230316-4.0-4.5-A	
					Lab Sample ID:	460-267624-9		460-253218-2		460-250148-9		460-250148-10		460-276493-14		460-276493-15	
					SDG:	4602676241		4602532181		4602501481		4602501481		4602764931		4602764931	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		FD	
					Sample Date:	10/17/2022		2/22/2022		1/4/2022		1/4/2022		3/16/2023		3/16/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		1.50		0.19	J	1.30	J	**4.80**	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03	J	ND		2.80		0.38	J	1.80	J	**5.20**	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	UJ	ND		ND		ND		0.04	U	0.23	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.03	J	ND		**4.30**		0.57	J	3.10	J	**10.00**	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D11		D11		D11		D11		D11		D11	
					Location ID:	SB-188		SB-188		SB-188		SB-188		SB-188		SB-188	
					Depth:	4.5 - 5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7	
					Sample ID:	SB-188-20230316-4.5-5.0		SB-188-20230316-4.5-5.0-A		SB-188-20230316-5.0-5.5		SB-188-20230316-5.5-6.0		SB-188-20230316-6.0-6.5		SB-188-20230316-6.5-7.0	
					Lab Sample ID:	460-276493-16		460-276493-17		460-276493-18		460-276493-19		460-276493-20		460-276493-21	
					SDG:	4602764931		4602764931		4602764931		4602764931		4602764931		4602764931	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		N		N		N	
					Sample Date:	3/16/2023		3/16/2023		3/16/2023		3/16/2023		3/16/2023		3/16/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	1.60	J	**3.70**	J	2.40		**3.50**		0.02	U	0.02	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	2.20	J	**4.80**	J	2.80		**3.20**		0.02	U	0.02	U
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.05	U	0.21	U	0.20	U	0.21	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	**3.80**	J	**8.50**	J	**5.20**		**6.70**		0.02	U	0.02	U

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	D11		D11		E1		E1		E1		E1					
					Location ID:	SB-188		SB-188		SB-88		SB-88		SB-88		SB-88					
					Depth:	7 - 7.5		7.5 - 8		0.5 - 1		0.5 - 1		3.5 - 4		21.5 - 22					
					Sample ID:	SB-188-20230316-7.0-7.5		SB-188-20230316-7.5-8.0		SB-88_20211209_0.5-1.0		SB-88_20211209_0.5-1.0_D		SB-88_20211209_3.5-4.0		SB-88_20220218-21.5-22.0					
					Lab Sample ID:	460-276493-22		460-276493-23		460-248749-17		460-248749-18		460-248749-19		460-253012-2					
					SDG:	4602764931		4602764931		4602487491		4602487491		4602487491		4602530121					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		FD		N		N					
					Sample Date:	3/16/2023		3/16/2023		12/9/2021		12/9/2021		12/9/2021		2/18/2022					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.12		0.12		0.01	J	ND					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.12		0.12		0.01	J	ND					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E2		E2		E2		E3		E3		E4	
					Location ID:	SB-113		SB-113		SB-87		SB-123		SB-123		SB-96	
					Depth:	0.5 - 1		3.5 - 4		31.5 - 32		0.5 - 1		3.5 - 4		0.5 - 1	
					Sample ID:	SB-113_20211202-0.5-1.0		SB-113_20211202-3.5-4.0		SB-87_20220301-31.5-32.0		SB-123_20211129-0.5-1.0		SB-123_20211129-3.5-4.0		SB-96_20211214-0.5-1.0	
					Lab Sample ID:	460-248300-15		460-248300-16		460-253603-2		460-248139-6		460-248139-13		460-249126-7	
					SDG:	4602483001		4602483001		4602536031		4602481391		4602481391		4602491261	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/2/2021		12/2/2021		3/1/2022		11/29/2021		11/29/2021		12/14/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.06		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.12		ND		ND		0.05		ND		0.48	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.12		ND		ND		0.11		ND		0.48	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E4		E4		E5		E5		E5		E5	
					Location ID:	SB-96		SB-96		SB-141		SB-141		SB-141		SB-141	
					Depth:	3.5 - 4		36.5 - 37		0.5 - 1		0.5 - 1		3.5 - 4		4 - 4.5	
					Sample ID:	SB-96_20211214-3.5-4.0		SB-96_20220211-36.5-37.0		SB-141_20211215_0.5-1.0		SB-141_20211215_0.5-1.0_D		SB-141_20211215_3.5-4.0		SB-141-20240312-4.0-4.5	
					Lab Sample ID:	460-249126-8		460-252569-1		460-249289-5		460-249289-9		460-249289-6		460-300065-2	
					SDG:	4602491261		4602525691		4602492891		4602492891		4602492891		4603000651	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		FD		N		N	
					Sample Date:	12/14/2021		2/11/2022		12/15/2021		12/15/2021		12/15/2021		3/12/2024	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03		ND		0.36		0.45		0.04		0.47	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.03		ND		0.36		0.45		0.04		0.47	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E5		E5		E6		E6		E6		E6	
					Location ID:	SB-141		SB-141		SB-149		SB-149		SB-149		SB-149	
					Depth:	4 - 4.5		4.5 - 5		0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5	
					Sample ID:	SB-141-20240312-4.0-4.5A		SB-141-20240312-4.5-5.0		SB-149_20211122-0.5-1.0		SB-149_20211122-3.5-4.0		SB-149_20231025-4.0-4.5		SB-149_20231025-4.0-4.5-A	
					Lab Sample ID:	460-300065-3		460-300065-4		460-247852-3		460-247852-4		460-291128-19		460-291128-20	
					SDG:	4603000651		4603000651		4602478521		4602478521		4602911281		4602911281	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	FD		N		N		N		N		FD	
					Sample Date:	3/12/2024		3/12/2024		11/22/2021		11/22/2021		10/25/2023		10/25/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.35	JN	0.02	UJ
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	0.20		ND		0.71	JN	0.45	JN
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.44		0.22		0.25		0.03		0.48	JN	0.42	JN
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	U	ND		ND		0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.44		0.22		0.45		0.03		1.50		0.87	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E6		E6		E6		E6		E6		E7					
					Location ID:	SB-149		SB-149		SB-149		SB-149		SB-149		SB-156					
					Depth:	4.5 - 5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		0.5 - 1					
					Sample ID:	SB-149_20231025-4.5-5.0		SB-149_20231025-4.5-5.0-A		SB-149_20231025-5.0-5.5		SB-149_20231025-5.5-6.0		SB-149_20231025-6.0-6.5		SB-156_20211122-0.5-1.0					
					Lab Sample ID:	460-291128-21		460-291128-22		460-291128-23		460-291128-24		460-291128-25		460-247852-1					
					SDG:	4602911281		4602911281		4602911281		4602911281		4602911281		4602478521					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		FD		N		N		N		N					
					Sample Date:	10/25/2023		10/25/2023		10/25/2023		10/25/2023		10/25/2023		11/22/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.26	J	0.02	UJ	0.02	U	0.02	U	0.02	U	ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.63		0.40	JN	0.26	JN	0.02	U	0.02	U	0.27					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.39	J	0.50	JN	0.14	J	0.02	U	0.02	U	0.45					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	1.30		0.90		0.40		0.02	U	0.02	U	0.72					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E7		E7		E7		E7		E7		E7	
					Location ID:	SB-156		SB-156		SB-156		SB-156		SB-156		SB-156	
					Depth:	3.5 - 4		4 - 4.5		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6	
					Sample ID:	SB-156_20211122-3.5-4.0		SB-156_20230615-4.0-4.5		SB-156_20230615-4.0-4.5-A		SB-156_20230615-4.5-5.0		SB-156_20230615-5.0-5.5		SB-156_20230615-5.5-6.0	
					Lab Sample ID:	460-247852-2		460-282586-2		460-282586-3		460-282586-4		460-282586-5		460-282586-6	
					SDG:	4602478521		4602825861		4602825861		4602825861		4602825861		4602825861	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		FD		N		N		N	
					Sample Date:	11/22/2021		6/15/2023		6/15/2023		6/15/2023		6/15/2023		6/15/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		2.80	J	0.40	JN	0.22		1.30		2.20	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03		**5.30**	J	0.79	JN	0.51		1.80		1.50	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.22	U	0.02	U	0.02	U	0.09	U	0.10	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.03		**8.10**	J	1.20	J	0.73		3.10		**3.70**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E7		E7		E8		E8		E8		E8					
					Location ID:	SB-156		SB-156		SB-204		SB-204		SB-204		SB-204					
					Depth:	6 - 6.5		6.5 - 7		0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5					
					Sample ID:	SB-156_20230615-6.0-6.5		SB-156_20230615-6.5-7.0		SB-204_20211119-0.5-1.0		SB-204_20211119-3.5-4.0		SB-204_20230310-4.0-4.5		SB-204_20230310-4.0-4.5-A					
					Lab Sample ID:	460-282586-7		460-282586-8		460-247647-10		460-247647-11		460-276072-2		460-276072-3					
					SDG:	4602825861		4602825861		4602476471		4602476471		4602760721		4602760721					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		FD					
					Sample Date:	6/15/2023		6/15/2023		11/19/2021		11/19/2021		3/10/2023		3/10/2023					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	ND		ND		0.02	U	0.02	U				
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	ND		ND		0.02	U	0.02	U				
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	ND		ND		0.02	U	0.02	U				
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.03	J	ND		ND		0.02	U	0.02	U				
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	ND		ND		0.02	U	0.02	U				
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.83		0.02	UJ	ND		ND		0.08		0.08					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.31		0.03	J	0.14	J	0.04		0.21		0.17					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	ND		ND		0.02	U	0.02	U				
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	ND		ND		0.02	U	0.02	U				
	Total PCBs	**1**	**10**	**50**	mg/kg	1.10		0.06	J	0.14	J	0.04		0.29		0.25					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E8		E8		E8		E8		E8		E8	
					Location ID:	SB-204		SB-204		SB-204		SB-204		SB-204		SB-204	
					Depth:	4.5 - 5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7	
					Sample ID:	SB-204_20230310-4.5-5.0		SB-204_20230310-4.5-5.0-A		SB-204_20230310-5.0-5.5		SB-204_20230310-5.5-6.0		SB-204_20230310-6.0-6.5		SB-204_20230310-6.5-7.0	
					Lab Sample ID:	460-276072-4		460-276072-5		460-276072-6		460-276072-7		460-276072-8		460-276072-9	
					SDG:	4602760721		4602760721		4602760721		4602760721		4602760721		4602760721	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		N		N		N	
					Sample Date:	3/10/2023		3/10/2023		3/10/2023		3/10/2023		3/10/2023		3/10/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.05		0.07		0.03	U	0.20		0.35	J	0.04	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.08	J	0.15	J	0.03	U	0.38		0.68		0.06	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.13	J	0.22	J	0.03	U	0.58		1.00		0.10	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E8		E9		E9		E9		E9		E9	
					Location ID:	SB-204		SB-174		SB-174		SB-174		SB-174		SB-174	
					Depth:	24.5 - 25		0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-204_20220207-24.5-25.0		SB-174_20211117-0.5-1.0		SB-174_20211117-3.5-4.0		SB-174_20221013-4.0-4.5		SB-174_20221013-4.5-5.0		SB-174_20230310-5.0-5.5	
					Lab Sample ID:	460-252132-5		460-247558-4		460-247558-5		460-267463-1		460-267463-3		460-276072-17	
					SDG:	4602521321		4602475581		4602475581		4602674631		4602674631		4602760721	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/7/2022		11/17/2021		11/17/2021		10/13/2022		10/13/2022		3/10/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.10	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.10	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.10	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.10	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.80	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.03		0.75		**3.60**		0.04	U	0.02	U	2.00	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	J	0.55		**5.80**		1.20		0.81		1.30	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.10	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.04	U	0.02	U	0.10	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.05		1.30		**9.40**		1.20		0.81		**4.10**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E9		E9		E9		E10		E10		E10					
					Location ID:	SB-174		SB-174		SB-174		SB-182		SB-182		SB-182					
					Depth:	5.5 - 6		6 - 6.5		6.5 - 7		0.5 - 1		3.5 - 4		4 - 4.5					
					Sample ID:	SB-174_20230310-5.5-6.0		SB-174_20230310-6.0-6.5		SB-174_20230310-6.5-7.0		SB-182_20211117-0.5-1.0		SB-182_20211117-3.5-4.0		SB-182_20221017-4.0-4.5					
					Lab Sample ID:	460-276072-18		460-276072-19		460-276072-20		460-247558-2		460-247558-3		460-267624-13					
					SDG:	4602760721		4602760721		4602760721		4602475581		4602475581		4602676241					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	3/10/2023		3/10/2023		3/10/2023		11/17/2021		11/17/2021		10/17/2022					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.20	U	0.11	U	0.02	U	ND		ND		0.02	U				
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.20	U	0.11	U	0.02	U	ND		ND		0.02	U				
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.20	U	0.11	U	0.02	U	ND		ND		0.02	U				
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.20	U	0.11	U	0.02	U	ND		ND		0.02	U				
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.95		0.11	U	0.02	U	ND		ND		0.02	U				
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	2.80		0.11	U	0.19		0.52		**13.00**		0.02	U				
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	**4.30**		1.40		0.17		0.92		**10.00**		0.90					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.20	U	0.11	U	0.02	U	ND		ND		0.02	U				
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.20	U	0.11	U	0.02	U	ND		ND		0.02	U				
	Total PCBs	**1**	**10**	**50**	mg/kg	**8.10**		1.40		0.36		1.44		**23.00**		0.90					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E10		E10		E10		E10		E10		E10	
					Location ID:	SB-182		SB-182		SB-182		SB-182		SB-182		SB-182	
					Depth:	4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7		7 - 7.5	
					Sample ID:	SB-182_20221017-4.5-5.0		SB-182_20221017-5.0-5.5		SB-182_20221017-5.5-6.0		SB-182_20221017-6.0-6.5		SB-182_20221017-6.5-7.0		SB-182_20221017-7.0-7.5	
					Lab Sample ID:	460-267624-14		460-267624-15		460-267624-16		460-267624-17		460-267624-18		460-267624-19	
					SDG:	4602676241		4602676241		4602676241		4602676241		4602676241		4602676241	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/17/2022		10/17/2022		10/17/2022		10/17/2022		10/17/2022		10/17/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.67	J	0.48	J	0.02	UJ	0.10	J	0.03	UJ
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.86		0.76	J	0.39	J	0.04	J	0.06	J	0.03	UJ
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	UJ	0.02	UJ	0.02	UJ	0.03	UJ	0.03	UJ
	Total PCBs	**1**	**10**	**50**	mg/kg	0.86		1.40	J	0.87	J	0.04	J	0.16	J	0.03	UJ

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E10		E11		E11		E11		E11		E11	
					Location ID:	SB-182		SB-190		SB-190		SB-190		SB-190		SB-190	
					Depth:	7.5 - 8		1 - 1.5		3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-182_20221017-7.5-8.0		SB-190_20220105-1.0-1.5		SB-190_20220105-3.5-4.0		SB-190_20220117-4.0-4.5		SB-190_20220117-4.5-5.0		SB-190-20221005-5.0-5.5	
					Lab Sample ID:	460-267624-20		460-250148-13		460-250148-14		460-250876-2		460-250876-3		460-266868-1	
					SDG:	4602676241		4602501481		4602501481		4602508761		4602508761		4602668681	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/17/2022		1/5/2022		1/5/2022		1/17/2022		1/17/2022		10/5/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.03	UJ	1.60		2.40		1.50		**9.00**		0.13	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03	UJ	2.90		**3.60**		2.50		**12.00**		**3.80**	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.03	UJ	ND		ND		ND		ND		0.13	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.03	UJ	**4.50**		**6.00**		**4.00**		**21.00**		**3.80**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	E11		E11		E11		E11		E11		F1	
					Location ID:	SB-190		SB-190		SB-190		SB-190		SB-190		SB-104	
					Depth:	5.5 - 6		6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8		0.5 - 1	
					Sample ID:	SB-190-20221005-5.5-6.0		SB-190-20221005-6.0-6.5		SB-190-20221005-6.5-7.0		SB-190-20221005-7.0-7.5		SB-190-20221005-7.5-8.0		SB-104_20211209_0.5-1.0	
					Lab Sample ID:	460-266868-2		460-266868-3		460-266868-4		460-266868-5		460-266868-6		460-248749-15	
					SDG:	4602668681		4602668681		4602668681		4602668681		4602668681		4602487491	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/5/2022		10/5/2022		10/5/2022		10/5/2022		10/5/2022		12/9/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	0.12	UJ	0.02	UJ	ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	0.12	UJ	0.02	UJ	ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	0.12	UJ	0.02	UJ	ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	0.12	UJ	0.02	UJ	ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	1.20	J	0.02	UJ	ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.12	U	**5.60**		**6.10**		1.80	J	0.02	UJ	ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.80		**4.00**		**7.00**		2.70	J	0.37	J	0.68	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	0.12	UJ	0.02	UJ	ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.12	U	0.26	U	0.22	U	0.12	UJ	0.02	UJ	ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	1.80		**9.60**		**13.00**		**5.70**	J	0.37	J	0.68	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F1		F2		F2		F3		F3		F4					
					Location ID:	SB-104		SB-114		SB-114		SB-124		SB-124		SB-133					
					Depth:	3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1					
					Sample ID:	SB-104_20211209_3.5-4.0		SB-114_20211201-0.5-1.0		SB-114_20211201-3.5-4.0		SB-124_20211229-0.5-1.0		SB-124_20220117-3.5-4.0		SB-133_20211230-0.5-1.0					
					Lab Sample ID:	460-248749-16		460-248300-9		460-248300-10		460-250018-1		460-250876-4		460-250018-22					
					SDG:	4602487491		4602483001		4602483001		4602500181		4602508761		4602500181					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	12/9/2021		12/1/2021		12/1/2021		12/29/2021		1/17/2022		12/30/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.03		ND		0.02	J				
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.21		0.06		ND		0.05		ND		0.02	J				
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.21		0.06		ND		0.08		ND		0.04					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F4		F4		F5		F5		F5		F5	
					Location ID:	SB-133		SB-133		SB-142		SB-142		SB-142		SB-142	
					Depth:	1.5 - 2		3.5 - 4		0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5	
					Sample ID:	SB-133_20211230-1.5-2.0		SB-133_20220124-3.5-4.0		SB-142_20211220-0.5-1.0		SB-142_20211220-3.5-4.0		SB-142-20230315-4.0-4.5		SB-142-20230315-4.0-4.5-A	
					Lab Sample ID:	460-250018-23		460-251246-1		460-249597-3		460-249597-4		460-276374-2		460-276374-3	
					SDG:	4602500181		4602512461		4602495971		4602495971		4602763741		4602763741	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		FD	
					Sample Date:	12/30/2021		1/24/2022		12/20/2021		12/20/2021		3/15/2023		3/15/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.12		ND		ND		ND		0.02	UJ	0.07	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.40		ND		0.34		0.09		0.29		0.22	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.52		ND		0.34		0.09		0.29		0.29	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F5		F5		F5		F5		F6		F6	
					Location ID:	SB-142		SB-142		SB-142		SB-142		SB-150		SB-150	
					Depth:	4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		0.5 - 1		3.5 - 4	
					Sample ID:	SB-142-20230315-4.5-5.0		SB-142-20230315-5.0-5.5		SB-142-20230315-5.5-6.0		SB-142-20230315-6.0-6.5		SB-150_20211220-0.5-1.0		SB-150_20211220-3.5-4.0	
					Lab Sample ID:	460-276374-4		460-276374-5		460-276374-6		460-276374-7		460-249597-7		460-249597-8	
					SDG:	4602763741		4602763741		4602763741		4602763741		4602495971		4602495971	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	3/15/2023		3/15/2023		3/15/2023		3/15/2023		12/20/2021		12/20/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.12		0.02	U	0.02	U	0.02	U	ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.33		0.02	U	0.03		0.02	U	1.30		0.39	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.45		0.02	U	0.03		0.02	U	1.30		0.39	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F6		F6		F6		F6		F6		F6	
					Location ID:	SB-150		SB-150		SB-150		SB-150		SB-150		SB-150	
					Depth:	4 - 4.5		4 - 4.5		4.5 - 5		4.5 - 5		5 - 5.5		5 - 5.5	
					Sample ID:	SB-150_20230614-4.0-4.5		SB-150_20230614-4.0-4.5-A		SB-150_20230614-4.5-5.0		SB-150_20230614-4.5-5.0-A		SB-150_20230614-5.0-5.5		SB-150_20230614-5.5-6.0	
					Lab Sample ID:	460-282313-43		460-282313-44		460-282313-45		460-282313-46		460-282313-47		460-282313-48	
					SDG:	4602823131		4602823131		4602823131		4602823131		4602823131		4602823131	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		FD		N		N	
					Sample Date:	6/14/2023		6/14/2023		6/14/2023		6/14/2023		6/14/2023		6/14/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.24	JN	0.11	J	0.02	UJ	0.15	J	0.14		0.45	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.81	JN	0.33	JN	0.77	JN	0.65		0.31		0.36	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.04	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	1.10	J	0.44	J	0.77		0.80		0.45		0.81	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F7		F7		F7		F7		F7		F7	
					Location ID:	SB-157		SB-157		SB-157		SB-157		SB-157		SB-157	
					Depth:	0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6	
					Sample ID:	SB-157_20211220-0.5-1.0		SB-157_20211220-3.5-4.0		SB-157_20231026-4.0-4.5		SB-157_20231026-4.5-5.0		SB-157_20231026-5.0-5.5		SB-157_20231026-5.5-6.0	
					Lab Sample ID:	460-249597-9		460-249597-10		460-291385-2		460-291385-3		460-291385-4		460-291385-5	
					SDG:	4602495971		4602495971		4602913851		4602913851		4602913851		4602913851	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/20/2021		12/20/2021		10/26/2023		10/26/2023		10/26/2023		10/26/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.30		0.04		0.02	U	0.02	U	0.23	J	0.44	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.30		0.06		0.14		0.13		0.27	J	0.36	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.60		0.10		0.14		0.13		0.50		0.80	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F7		F8		F8		F8		F8		F8	
					Location ID:	SB-157		SB-166		SB-166		SB-166		SB-166		SB-166	
					Depth:	6 - 6.5		0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-157_20231026-6.0-6.5		SB-166_20211220-0.5-1.0		SB-166_20211220-3.5-4.0		SB-166_20230615-4.0-4.5		SB-166_20230615-4.5-5.0		SB-166_20230615-5.0-5.5	
					Lab Sample ID:	460-291385-6		460-249597-11		460-249597-12		460-282586-16		460-282586-17		460-282586-18	
					SDG:	4602913851		4602495971		4602495971		4602825861		4602825861		4602825861	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/26/2023		12/20/2021		12/20/2021		6/15/2023		6/15/2023		6/15/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.15		ND		0.26		0.28		0.48	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	U	0.33		0.03		0.41		0.44		0.25	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		0.06	U	0.06	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.02	U	0.48		0.03		0.67		0.72		0.73	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F8		F8		F8		F9		F9		F9	
					Location ID:	SB-166		SB-166		SB-166		SB-175		SB-175		SB-175	
					Depth:	5.5 - 6		6 - 6.5		6.5 - 7		0.5 - 1		3.5 - 4		4 - 4.5	
					Sample ID:	SB-166_20230615-5.5-6.0		SB-166_20230615-6.0-6.5		SB-166_20230615-6.5-7.0		SB-175_20220118-0.5-1.0		SB-175_20220118-3.5-4.0		SB-175_20221012-4.0-4.5	
					Lab Sample ID:	460-282586-19		460-282586-20		460-282586-21		460-250876-5		460-250876-6		460-267348-15	
					SDG:	4602825861		4602825861		4602825861		4602508761		4602508761		4602673481	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	6/15/2023		6/15/2023		6/15/2023		1/18/2022		1/18/2022		10/12/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.12		0.30		0.02	J	0.66		0.53		0.02	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03		0.11	U	0.01	J	1.10		0.97		0.85	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.11	U	0.02	UJ	ND		ND		0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.15		0.30		0.04	J	1.76		1.50		0.85	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F9		F9		F9		F9		F9		F10					
					Location ID:	SB-175		SB-175		SB-175		SB-175		SB-175		SB-183					
					Depth:	4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7		0.5 - 1					
					Sample ID:	SB-175_20221012-4.5-5.0		SB-175_20230619-5.0-5.5		SB-175_20230619-5.5-6.0		SB-175_20230619-6.0-6.5		SB-175_20230619-6.5-7.0		SB-183_20211222_0.5-1.0					
					Lab Sample ID:	460-267348-17		460-282692-15		460-282692-16		460-282692-17		460-282692-18		460-249756-1					
					SDG:	4602673481		4602826921		4602826921		4602826921		4602826921		4602497561					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	10/12/2022		6/19/2023		6/19/2023		6/19/2023		6/19/2023		12/22/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.14		0.17		0.83		0.02	UJ	0.38					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.68		0.19		0.26		0.60		0.02	UJ	0.64					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ	ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.68		0.33		0.43		1.40		0.02	UJ	1.02					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F10		F10		F10		F10		F10		F10	
					Location ID:	SB-183		SB-183		SB-183		SB-183		SB-183		SB-183	
					Depth:	3.5 - 4		4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5	
					Sample ID:	SB-183_20211222_3.5-4.0		SB-183_20221012-4.0-4.5		SB-183_20221012-4.5-5.0		SB-183_20230309-5.0-5.5		SB-183_20230309-5.5-6.0		SB-183_20230309-6.0-6.5	
					Lab Sample ID:	460-249756-2		460-267348-26		460-267348-28		460-276043-16		460-276043-17		460-276043-18	
					SDG:	4602497561		4602673481		4602673481		4602760431		4602760431		4602760431	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/22/2021		10/12/2022		10/12/2022		3/9/2023		3/9/2023		3/9/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	1.10		0.11	U	0.03	U	1.10		2.10		0.58	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.90		2.90		0.52		1.60		**3.90**		0.72	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.11	U	0.03	U	0.11	U	0.22	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	3.00		2.90		0.52		2.70		**6.00**		1.30	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F10		F10		F11		F11		F11		F11	
					Location ID:	SB-183		SB-183		SB-195		SB-195		SB-195		SB-195	
					Depth:	6.5 - 7		24 - 24.5		1 - 1.5		3.5 - 4		4 - 4.5		4.5 - 5	
					Sample ID:	SB-183_20230309-6.5-7.0		SB-183_20220207-24.0-24.5		SB-195_20220105-1.0-1.5		SB-195_20220105-3.5-4.0		SB-195_20221004-4.0-4.5		SB-195_20221004-4.5-5.0	
					Lab Sample ID:	460-276043-19		460-252132-4		460-250511-1		460-250511-2		460-266791-4		460-266791-5	
					SDG:	4602760431		4602521321		4602505111		4602505111		4602667911		4602667911	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	3/9/2023		2/7/2022		1/5/2022		1/5/2022		10/4/2022		10/4/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.05		ND		0.60		1.50		0.12	U	0.02	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	JN	ND		0.65		**2.60**		2.10		0.50	JN
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	ND		ND		ND		0.12	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.07		ND		1.25		**4.10**		2.10		0.50	JN

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	F11		F11		F11		F11		F11		F11	
					Location ID:	SB-195		SB-195		SB-195		SB-195		SB-195		SB-195	
					Depth:	5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7		7 - 7.5		7.5 - 8	
					Sample ID:	SB-195-20221005-5.0-5.5		SB-195-20221005-5.5-6.0		SB-195-20221005-6.0-6.5		SB-195-20221005-6.5-7.0		SB-195-20221005-7.0-7.5		SB-195-20221005-7.5-8.0	
					Lab Sample ID:	460-266868-18		460-266868-19		460-266868-20		460-266868-21		460-266868-22		460-266868-23	
					SDG:	4602668681		4602668681		4602668681		4602668681		4602668681		4602668681	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/5/2022		10/5/2022		10/5/2022		10/5/2022		10/5/2022		10/5/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.24	J	0.07	J	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	UJ	0.03	UJ	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ
	Total PCBs	**1**	**10**	**50**	mg/kg	0.24	J	0.07	J	0.03	UJ	0.03	UJ	0.02	UJ	0.02	UJ

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G1		G1		G1		G2		G2		G3	
					Location ID:	SB-105		SB-105		SB-86		SB-115		SB-115		SB-97	
					Depth:	0.5 - 1		3.5 - 4		28.5 - 29		0.5 - 1		3.5 - 4		0.5 - 1	
					Sample ID:	SB-105_20211208_0.5-1.0		SB-105_20211208_3.5-4.0		SB-86_20220218-28.5-29.0		SB-115_20211201-0.5-1.0		SB-115_20211201-3.5-4.0		SB-97_20211130-0.5-1.0	
					Lab Sample ID:	460-248749-11		460-248749-12		460-252831-15		460-248300-5		460-248300-6		460-248300-1	
					SDG:	4602487491		4602487491		4602528311		4602483001		4602483001		4602483001	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/8/2021		12/8/2021		2/18/2022		12/1/2021		12/1/2021		11/30/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.39		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.32		ND		0.09	J	ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.06		0.22		ND		0.16	J	ND		0.31	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.06		0.93		ND		0.25	J	ND		0.31	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G3		G3		G4		G4		G4		G4	
					Location ID:	SB-97		SB-97		SB-134		SB-134		SB-134		SB-134	
					Depth:	3.5 - 4		28.5 - 29		0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5	
					Sample ID:	SB-97_20211130-3.5-4.0		SB-97_20220221-28.5-59.0		SB-134_20211216_0.5-1.0		SB-134_20211216_3.5-4.0		SB-134_20230314-4.0-4.5		SB-134_20230314-4.5-5.0	
					Lab Sample ID:	460-248300-2		460-253012-3		460-249289-12		460-249289-13		460-276286-43		460-276286-44	
					SDG:	4602483001		4602530121		4602492891		4602492891		4602762861		4602762861	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	11/30/2021		2/21/2022		12/16/2021		12/16/2021		3/14/2023		3/14/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.03		0.03	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	J	ND		0.01	J	0.02	J	0.05		0.05	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.02	J	ND		0.01	J	0.02	J	0.08		0.09	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G4		G4		G4		G5		G5		G5	
					Location ID:	SB-134		SB-134		SB-134		SB-143		SB-143		SB-208	
					Depth:	5 - 5.5		5.5 - 6		6 - 6.5		0.5 - 1		3.5 - 4		24.5 - 25	
					Sample ID:	SB-134_20230314-5.0-5.5		SB-134_20230314-5.5-6.0		SB-134_20230314-6.0-6.5		SB-143_20211216_0.5-1.0		SB-143_20211216_3.5-4.0		SB-208_20220211-24.5-25.0	
					Lab Sample ID:	460-276286-45		460-276286-46		460-276286-47		460-249289-14		460-249289-15		460-252378-13	
					SDG:	4602762861		4602762861		4602762861		4602492891		4602492891		4602523781	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	3/14/2023		3/14/2023		3/14/2023		12/16/2021		12/16/2021		2/11/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	**7.70**	J	**3.60**	J	ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		1.20	J	ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.04		0.02	U	0.02	U	ND		0.74	J	ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.04		0.02	U	0.02	U	**7.70**	J	**5.54**	J	ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G5		G5		G5		G5		G5		G5	
					Location ID:	SB-143		SB-143		SB-143		SB-143		SB-143		SB-143	
					Depth:	4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		6.5 - 7	
					Sample ID:	SB-143-20221014-4.0-4.5		SB-143-20221014-4.5-5.0		SB-143-20221014-5.0-5.5		SB-143-20221014-5.5-6.0		SB-143-20221014-6.0-6.5		SB-143-20221014-6.5-7.0	
					Lab Sample ID:	460-267541-17		460-267541-19		460-267541-21		460-267541-22		460-267541-23		460-267541-24	
					SDG:	4602675411		4602675411		4602675411		4602675411		4602675411		4602675411	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/14/2022		10/14/2022		10/14/2022		10/14/2022		10/14/2022		10/14/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	2.20	U	1.00	U	1.10	U	2.10	UJ	2.10	UJ	0.02	UJ
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	2.20	U	1.00	U	1.10	U	2.10	U	2.10	UJ	0.02	UJ
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	2.20	U	1.00	U	1.10	U	2.10	U	2.10	UJ	0.02	UJ
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	2.20	U	1.00	U	1.10	U	**52.00**		**59.00**	J	0.02	UJ
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	**57.00**		**48.00**		**39.00**		2.10	U	2.10	UJ	0.18	J
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	**5.50**		1.00	U	1.10	U	2.10	U	2.10	UJ	0.05	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.10	J	2.70		1.10	J+	2.80	J-	2.10	UJ	0.03	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	2.20	U	1.00	U	1.10	U	2.10	U	2.10	UJ	0.02	UJ
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	2.20	U	1.00	U	1.10	U	2.10	U	2.10	UJ	0.02	UJ
	Total PCBs	**1**	**10**	**50**	mg/kg	**64.00**		**51.00**		**40.00**		**55.00**		**59.00**	J	0.26	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G6		G6		G6		G6		G6		G6	
					Location ID:	SB-99		SB-99		SB-99		SB-99		SB-99		SB-99	
					Depth:	0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-99_20220112-0.5-1.0		SB-99_20220112-3.5-4.0		SB-99_20230313-4.0-4.5		SB-99_20230313-4.0-4.5-A		SB-99_20230313-4.5-5.0		SB-99_20230313-5.0-5.5	
					Lab Sample ID:	460-250686-1		460-250686-2		460-276286-2		460-276286-3		460-276286-4		460-276286-5	
					SDG:	4602506861		4602506861		4602762861		4602762861		4602762861		4602762861	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		FD		N		N	
					Sample Date:	1/12/2022		1/12/2022		3/13/2023		3/13/2023		3/13/2023		3/13/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.15	J
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.39	J	ND		0.35	J	0.06	J	0.05		0.39	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.03	U	0.04	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.39	J	ND		0.35	J	0.06	J	0.05		0.63	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G6		G6		G6		G7		G7		G7	
					Location ID:	SB-99		SB-99		SB-99		SB-158		SB-158		SB-158	
					Depth:	5.5 - 6		6 - 6.5		24.5 - 25		0.5 - 1		3.5 - 4		4 - 4.5	
					Sample ID:	SB-99_20230313-5.5-6.0		SB-99_20230313-6.0-6.5		SB-99_20220224-24.5-25.0		SB-158_20211221-0.5-1.0		SB-158_20211221-3.5-4.0		SB-158_20230614-4.0-4.5	
					Lab Sample ID:	460-276286-6		460-276286-7		460-253266-3		460-249597-13		460-249597-14		460-282313-28	
					SDG:	4602762861		4602762861		4602532661		4602495971		4602495971		4602823131	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	3/13/2023		3/13/2023		2/25/2022		12/21/2021		12/21/2021		6/14/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.29		0.02	U	ND		0.15		ND		0.87	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.77		0.02	U	ND		0.16		0.03		1.90	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		ND		0.11	U
	Total PCBs	**1**	**10**	**50**	mg/kg	1.10		0.02	U	ND		0.31		0.03		2.80	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G7		G7		G7		G7		G7		G8	
					Location ID:	SB-158		SB-158		SB-158		SB-158		SB-158		SB-203	
					Depth:	4 - 4.5		4.5 - 5		4.5 - 5		5 - 5.5		5.5 - 6		0.5 - 1	
					Sample ID:	SB-158_20230614-4.0-4.5-A		SB-158_20230614-4.5-5.0		SB-158_20230614-4.5-5.0-A		SB-158_20230614-5.0-5.5		SB-158_20230614-5.5-6.0		SB-203_20211221-0.5-1.0	
					Lab Sample ID:	460-282313-29		460-282313-30		460-282313-31		460-282313-32		460-282313-33		460-249597-17	
					SDG:	4602823131		4602823131		4602823131		4602823131		4602823131		4602495971	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	FD		N		FD		N		N		N	
					Sample Date:	6/14/2023		6/14/2023		6/14/2023		6/14/2023		6/14/2023		12/21/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.57		0.72		0.87		0.08	U	0.05		0.08	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.20		1.60		2.10		0.11		0.02	J	0.14	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.11	U	0.11	U	0.13	U	0.08	U	0.02	U	ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	1.80		2.30		3.00		0.11		0.07		0.22	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G8		G8		G8		G8		G9		G9	
					Location ID:	SB-203		SB-203		SB-203		SB-203		SB-176		SB-176	
					Depth:	3.5 - 4		4 - 4.5		4.5 - 5		24.5 - 25		0.5 - 1		3.5 - 4	
					Sample ID:	SB-203_20211221-3.5-4.0		SB-203_20231030-4.0-4.5		SB-203_20231030-4.5-5.0		SB-203_20220207-24.5-25.0		SB-176_20211221-0.5-1.0		SB-176_20211221-3.5-4.0	
					Lab Sample ID:	460-249597-18		460-291529-3		460-291529-4		460-252132-3		460-249597-22		460-249597-23	
					SDG:	4602495971		4602915291		4602915291		4602521321		4602495971		4602495971	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/21/2021		10/30/2023		10/30/2023		2/7/2022		12/21/2021		12/21/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		2.30	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.09		0.01	J	0.12		1.70	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.02	U	ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		0.02	UJ	0.09		0.01	J	0.12		**4.00**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G9		G9		G9		G9		G9		G10	
					Location ID:	SB-176		SB-176		SB-176		SB-176		SB-176		SB-201	
					Depth:	4 - 4.5		4.5 - 5		5 - 5.5		5.5 - 6		6 - 6.5		0.5 - 1	
					Sample ID:	SB-176_20221012-4.0-4.5		SB-176_20221012-4.5-5.0		SB-176_20231026-5.0-5.5		SB-176_20231026-5.5-6.0		SB-176_20231026-6.0-6.5		SB-201_20211221-0.5-1.0	
					Lab Sample ID:	460-267348-1		460-267348-3		460-291385-28		460-291385-29		460-291385-30		460-249597-15	
					SDG:	4602673481		4602673481		4602913851		4602913851		4602913851		4602495971	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	10/12/2022		10/12/2022		10/26/2023		10/26/2023		10/26/2023		12/21/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.17		0.03	U	0.04	U	1.50	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.22		0.18		0.30		0.03	U	0.04	U	2.00	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.03	U	0.03	U	0.04	U	ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.22		0.18		0.47		0.03	U	0.04	U	**3.50**	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G10		G10		G10		G10		G10		G10	
					Location ID:	SB-201		SB-201		SB-201		SB-201		SB-201		SB-201	
					Depth:	3.5 - 4		24.5 - 25		4 - 4.5		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-201_20211221-3.5-4.0		SB-201_20220203-24.5-25_D		SB-201_20230308-4.0-4.5		SB-201_20230308-4.0-4.5-A		SB-201_20230308-4.5-5.0		SB-201_20230308-5.0-5.5	
					Lab Sample ID:	460-249597-16		460-251952-4		460-275894-2		460-275894-3		460-275894-4		460-275894-5	
					SDG:	4602495971		4602519521		4602758941		4602758941		4602758941		4602758941	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		FD		N		N	
					Sample Date:	12/21/2021		2/4/2022		3/8/2023		3/8/2023		3/8/2023		3/8/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.05	J	0.26	J	0.02	UJ	0.02	U	0.13	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.06		0.02	J	0.22	J	0.40	J	0.04		0.41	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.06		0.06	J	0.48	J	0.40	J	0.04		0.54	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G10		G10		G10		G10		G11		G11					
					Location ID:	SB-201		SB-201		SB-201		SB-201		SB-189		SB-189					
					Depth:	5.5 - 6		6 - 6.5		6.5 - 7		24.5 - 25		1 - 1.5		3.5 - 4					
					Sample ID:	SB-201_20230308-5.5-6.0		SB-201_20230308-6.0-6.5		SB-201_20230308-6.5-7.0		SB-201_20220203-24.5-25		SB-189_20220106-0.5-1.0		SB-189_20220106-3.5-4.0					
					Lab Sample ID:	460-275894-6		460-275894-7		460-275894-8		460-251952-3		460-250511-3		460-250511-4					
					SDG:	4602758941		4602758941		4602758941		4602519521		4602505111		4602505111					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	3/8/2023		3/8/2023		3/8/2023		2/4/2022		1/6/2022		1/6/2022					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.08		0.02		0.02	U	ND		0.23		**5.80**					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.22		0.02		0.02	U	ND		0.22		**6.40**					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.30		0.05		0.02	U	ND		0.45		**12.00**					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	G11		G11		G11		H1		H1		H1	
					Location ID:	SB-189		SB-189		SB-189		SB-106		SB-106		SB-215	
					Depth:	4 - 4.5		4 - 4.5		4.5 - 5		0.5 - 1		3.5 - 4		28.5 - 29	
					Sample ID:	SB-189_20221004-4.0-4.5		SB-189_20221004-4.0-4.5-A		SB-189_20221004-4.5-5.0		SB-106_20211206_0.5-1.0		SB-106_20211206_3.5-4.0		SB-215_20220216-28.5-29.0	
					Lab Sample ID:	460-266791-1		460-266791-2		460-266791-3		460-248749-3		460-248749-4		460-252727-2	
					SDG:	4602667911		4602667911		4602667911		4602487491		4602487491		4602527271	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		N		N		N	
					Sample Date:	10/4/2022		10/4/2022		10/4/2022		12/6/2021		12/6/2021		2/16/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	1.80	J	0.12	UJ	0.03	U	ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	**3.70**		2.80		0.34		0.07		0.14		0.02	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.25	U	0.12	U	0.03	U	ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	**5.50**	J	2.80	J	0.34		0.07		0.14		0.02	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H2		H2		H3		H3		H4		H4	
					Location ID:	SB-116		SB-116		SB-125		SB-125		SB-135		SB-135	
					Depth:	0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1		2 - 2.5	
					Sample ID:	SB-116_20211201-0.5-1.0		SB-116_20211201-3.5-4.0		SB-125_20211130-0.5-1.0		SB-125_20211130-3.5-4.0		SB-135_20211230-0.5-1.0		SB-135_20211230-2.0-2.5	
					Lab Sample ID:	460-248300-11		460-248300-12		460-248139-8		460-248139-9		460-250148-3		460-250148-4	
					SDG:	4602483001		4602483001		4602481391		4602481391		4602501481		4602501481	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/1/2021		12/1/2021		11/30/2021		11/30/2021		12/30/2021		12/30/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		0.20		ND		0.23		0.05	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03	J	0.03		0.17		0.02		0.32		0.06	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.03	J	0.03		0.37		0.02		0.55		0.11	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H5		H5		H5		H5		H5		H5	
					Location ID:	SB-144		SB-144		SB-144		SB-144		SB-144		SB-144	
					Depth:	0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5		4.5 - 5		5 - 5.5	
					Sample ID:	SB-144_20220113-0.5-1.0		SB-144_20220113-3.5-4.0		SB-144_20230314-4.0-4.5		SB-144_20230314-4.0-4.5-A		SB-144_20230314-4.5-5.0		SB-144_20230314-5.0-5.5	
					Lab Sample ID:	460-250686-5		460-250686-6		460-276286-29		460-276286-30		460-276286-31		460-276286-32	
					SDG:	4602506861		4602506861		4602762861		4602762861		4602762861		4602762861	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		FD		N		N	
					Sample Date:	1/13/2022		1/13/2022		3/14/2023		3/14/2023		3/14/2023		3/14/2023	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		0.14		0.08		0.06		0.02	U
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.04		0.03		0.25	JN	0.13		0.12		0.02	U
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		0.02	U	0.02	U	0.02	U	0.02	U
	Total PCBs	**1**	**10**	**50**	mg/kg	0.04		0.03		0.39		0.21		0.18		0.02	U

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H5		H5		H6		H6		H6		H6					
					Location ID:	SB-144		SB-144		SB-151		SB-151		SB-151		SB-151					
					Depth:	5.5 - 6		6 - 6.5		0.5 - 1		3.5 - 4		4 - 4.5		4 - 4.5					
					Sample ID:	SB-144_20230314-5.5-6.0		SB-144_20230314-6.0-6.5		SB-151_20211217-0.5-1.0		SB-151_20211217-3.5-4.0		SB-151_20230613-4.0-4.5		SB-151_20230613-4.0-4.5-A					
					Lab Sample ID:	460-276286-33		460-276286-34		460-249597-1		460-249597-2		460-282313-13		460-282313-14					
					SDG:	4602762861		4602762861		4602495971		4602495971		4602823131		4602823131					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		FD					
					Sample Date:	3/14/2023		3/14/2023		12/17/2021		12/17/2021		6/13/2023		6/13/2023					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	UJ	0.12	J				
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.07		0.08		0.09		0.14					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	ND		ND		0.02	U	0.02	U				
	Total PCBs	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.07		0.08		0.09	J	0.26	J				

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H6		H6		H6		H6		H7		H7	
					Location ID:	SB-151		SB-151		SB-151		SB-151		SB-159		SB-159	
					Depth:	4.5 - 5		4.5 - 5		5 - 5.5		5.5 - 6		0.5 - 1		3.5 - 4	
					Sample ID:	SB-151_20230613-4.5-5.0		SB-151_20230613-4.5-5.0-A		SB-151_20230613-5.0-5.5		SB-151_20230613-5.5-6.0		SB-159_20211222_0.5-1.0		SB-159_20211222_3.5-4.0	
					Lab Sample ID:	460-282313-15		460-282313-16		460-282313-17		460-282313-18		460-249756-5		460-249756-6	
					SDG:	4602823131		4602823131		4602823131		4602823131		4602497561		4602497561	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		N		N		N	
					Sample Date:	6/13/2023		6/13/2023		6/13/2023		6/13/2023		12/22/2021		12/22/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.09		0.09		0.19	JN	0.14		ND		0.03	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.09		0.09		0.41	JN	0.02	U	0.02		0.03	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	0.02	U	ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.17		0.18		0.60		0.14		0.02		0.06	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H7		H7		H7		H8		H8		H9	
					Location ID:	SB-159		SB-159		SB-159		SB-167		SB-167		SB-177	
					Depth:	4 - 4.5		4 - 4.5		4.5 - 5		0.5 - 1		3.5 - 4		0.5 - 1	
					Sample ID:	SB-159_20231025-4.0-4.5		SB-159_20231025-4.0-4.5-A		SB-159_20231025-4.5-5.0		SB-167_20211222_0.5-1.0		SB-167_20211222_3.5-4.0		SB-177_20211229-0.5-1.0	
					Lab Sample ID:	460-291128-35		460-291128-36		460-291128-37		460-249756-3		460-249756-4		460-250018-10	
					SDG:	4602911281		4602911281		4602911281		4602497561		4602497561		4602500181	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		FD		N		N		N		N	
					Sample Date:	10/25/2023		10/25/2023		10/25/2023		12/22/2021		12/22/2021		12/29/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.03		0.03	J	0.08	J	ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03	JN	0.03		0.04	J	0.05		0.16		0.04	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	0.02	U	0.02	U	0.02	U	ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.06		0.06		0.12		0.05		0.16		0.04	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H9		H10		H10		H10		H10		H11	
					Location ID:	SB-177		SB-184		SB-184		SB-184		SB-202		SB-191	
					Depth:	3.5 - 4		0.5 - 1		3.5 - 4		3.5 - 4		24.5 - 25		1 - 1.5	
					Sample ID:	SB-177_20211229-3.5-4.0		SB-184_20211221-0.5-1.0		SB-184_20211221-3.5-4.0		SB-184_20211221-3.5-4.0_D		SB-202_20220203-24.5-25		SB-191_20220110-1.0-1.5	
					Lab Sample ID:	460-250018-11		460-249597-19		460-249597-20		460-249597-21		460-251952-2		460-250511-9	
					SDG:	4602500181		4602495971		4602495971		4602495971		4602519521		4602505111	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		FD		N		N	
					Sample Date:	12/29/2021		12/21/2021		12/21/2021		12/21/2021		2/4/2022		1/10/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.13		2.70		ND		0.07	J	ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.23		2.90		0.03	J	0.08	J	ND		0.10	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.36		**5.60**		0.03	J	0.15	J	ND		0.10	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	H11		H11		H11		I1		I1		I1	
					Location ID:	SB-191		SB-191		SB-191		SB-107		SB-107		SB-214	
					Depth:	3.5 - 4		4 - 4.5		4.5 - 5		0.5 - 1		3.5 - 4		36.5 - 37	
					Sample ID:	SB-191_20220110-3.5-4.0		SB-191-20230315-4.0-4.5		SB-191-20230315-4.5-5.0		SB-107_20211208_0.5-1.0		SB-107_20211208_3.5-4.0		SB-214_20220217-36.5-37.0	
					Lab Sample ID:	460-250511-10		460-276374-16		460-276374-17		460-248749-9		460-248749-10		460-252727-4	
					SDG:	4602505111		4602763741		4602763741		4602487491		4602487491		4602527271	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	1/10/2022		3/15/2023		3/15/2023		12/8/2021		12/8/2021		2/17/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.09		0.22		ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.16		0.12		0.32		**12.00**		0.75		ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		0.02	U	0.03	U	ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.16		0.21		0.54		**12.00**		0.75		ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	I2		I2		I3		I3		I3		I4					
					Location ID:	SB-117		SB-117		SB-126		SB-126		SB-126		SB-211					
					Depth:	0.5 - 1		3.5 - 4		0.5 - 1		0.5 - 1		3.5 - 4		0.5 - 1					
					Sample ID:	SB-117_20211201-0.5-1.0		SB-117_20211201-3.5-4.0		SB-126_20211130-0.5-1.0		SB-126_20211130-0.5-1.0_D		SB-126_20211130-3.5-4.0		SB-211_20211227-0.5-1.0					
					Lab Sample ID:	460-248300-7		460-248300-8		460-248139-10		460-248139-11		460-248139-12		460-249908-9					
					SDG:	4602483001		4602483001		4602481391		4602481391		4602481391		4602499081					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		FD		N		N					
					Sample Date:	12/1/2021		12/1/2021		11/30/2021		11/30/2021		11/30/2021		12/27/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.06	J	ND		0.10		0.12		ND		0.09					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.06	J	ND		0.08		0.10		0.02		0.15					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.12	J	ND		0.18		0.22		0.02		0.24					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	I4		I4		I5		I5		I6		I6	
					Location ID:	SB-211		SB-211		SB-145		SB-145		SB-205		SB-205	
					Depth:	3.5 - 4		23.5 - 24		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4	
					Sample ID:	SB-211_20211227-3.5-4.0		SB-211_20220215-23.5-24.0		SB-145_20211227-0.5-1.0		SB-145_20211227-3.5-4.0		SB-205_20220131-0.5-1.0		SB-205_20220131-3.5-4.0	
					Lab Sample ID:	460-249908-10		460-252727-1		460-249908-7		460-249908-8		460-251654-3		460-251654-4	
					SDG:	4602499081		4602527271		4602499081		4602499081		4602516541		4602516541	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/27/2021		2/15/2022		12/27/2021		12/27/2021		1/28/2022		1/28/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		0.05		ND		0.14		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.03		ND		0.08		0.01	J	0.18		ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.03		ND		0.12		0.01	J	0.32		ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	I6		I7		I7		I8		I8		I9	
					Location ID:	SB-205		SB-160		SB-160		SB-168		SB-168		SB-95	
					Depth:	27.5 - 28		0.5 - 1		3.5 - 4		0.5 - 1		3 - 3.5		0.5 - 1	
					Sample ID:	SB-205_20220221-27.5-28.0		SB-160_20211227-0.5-1.0		SB-160_20211227-3.5-4.0		SB-168_20211230-0.5-1.0		SB-168_20211230-3.0-3.5		SB-95_20220120-0.5-1.0	
					Lab Sample ID:	460-253012-4		460-249908-5		460-249908-6		460-250148-1		460-250148-2		460-251087-2	
					SDG:	4602530121		4602499081		4602499081		4602501481		4602501481		4602510871	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	2/21/2022		12/27/2021		12/27/2021		12/30/2021		12/30/2021		1/20/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.03		ND		ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.04		0.11		0.03		0.01	J	0.12	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		0.06		0.11		0.03		0.01	J	0.12	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	I9		I9		I10		I10		I10		I10					
					Location ID:	SB-95		SB-95		SB-185		SB-185		SB-185		SB-185					
					Depth:	3.5 - 4		24.5 - 25		1 - 1.5		3.5 - 4		3.5 - 4		22.5 - 23					
					Sample ID:	SB-95_20220120-3.5-4.0		SB-95_20220203-24.5-25		SB-185_20220110-1.0-1.5		SB-185_20220110-3.5-4.0		SB-185_20220110-3.5-4.0_D		SB-185_20220207-22.5-23.0					
					Lab Sample ID:	460-251087-3		460-251952-1		460-250511-11		460-250511-12		460-250511-17		460-252132-6					
					SDG:	4602510871		4602519521		4602505111		4602505111		4602505111		4602521321					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		FD		N					
					Sample Date:	1/20/2022		2/4/2022		1/10/2022		1/10/2022		1/10/2022		2/7/2022					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.22		0.16		0.03					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.08		ND		0.34		0.35	J	0.25		0.01	J				
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.08		ND		0.34		0.57		0.41		0.04					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	I11		I11		J1		J1		J1		J2	
					Location ID:	SB-194		SB-194		SB-212		SB-212		SB-212		SB-213	
					Depth:	0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		32.5 - 33		0.5 - 1	
					Sample ID:	SB-194_20220113-0.5-1.0		SB-194_20220113-3.5-4.0		SB-212_20211206_0.5-1.0		SB-212_20211206_3.5-4.0		SB-212_20220217-32.5-33.0		SB-213_20211201-0.5-1.0	
					Lab Sample ID:	460-250686-9		460-250686-10		460-248749-1		460-248749-2		460-252727-3		460-248300-3	
					SDG:	4602506861		4602506861		4602487491		4602487491		4602527271		4602483001	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	1/13/2022		1/13/2022		12/6/2021		12/6/2021		2/17/2022		12/1/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.73		ND		ND		ND		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	1.30		0.02		0.47		0.01	J	ND		0.38	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	2.03		0.02		0.47		0.01	J	ND		0.38	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	J2		J2		J3		J4		J4		J4	
					Location ID:	SB-213		SB-213		SB-127		SB-136		SB-136		SB-207	
					Depth:	3.5 - 4		23.5 - 24		0.5 - 1		0.5 - 1		3.5 - 4		23.5 - 24	
					Sample ID:	SB-213_20211201-3.5-4.0		SB-213_20220222-23.5-24.0		SB-127_20220119-0.5-1.0		SB-136_20211228-0.5-1.0		SB-136_20211228-3.5-4.0		SB-207_20220215-23.5-24.0	
					Lab Sample ID:	460-248300-4		460-253218-1		460-251087-1		460-250018-14		460-250018-15		460-252569-3	
					SDG:	4602483001		4602532181		4602510871		4602500181		4602500181		4602525691	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/1/2021		2/22/2022		1/19/2022		12/28/2021		12/28/2021		2/15/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		0.05		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		ND		0.22		0.13		0.06		ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		ND		0.22		0.13		0.11		ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	J4		J5		J5		J6		J6		J7	
					Location ID:	SB-207		SB-146		SB-146		SB-206		SB-206		SB-161	
					Depth:	23.5 - 24		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1	
					Sample ID:	SB-207_20220215-23.5-24.0_D		SB-146_20211228-0.5-1.0		SB-146_20211228-3.5-4.0		SB-206_20220128-0.5-1.0		SB-206_20220128-3.5-4.0		SB-161_20211223-0.5-1.0	
					Lab Sample ID:	460-252569-4		460-250018-12		460-250018-13		460-251654-1		460-251654-2		460-249908-1	
					SDG:	4602525691		4602500181		4602500181		4602516541		4602516541		4602499081	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	FD		N		N		N		N		N	
					Sample Date:	2/15/2022		12/28/2021		12/28/2021		1/28/2022		1/28/2022		12/23/2021	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.55		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.08		ND		0.19		ND		0.03	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.17		0.06		0.10		ND		0.06	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		0.25		0.06		0.84		ND		0.09	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	J7		J8		J8		J9		J9		J9	
					Location ID:	SB-161		SB-169		SB-169		SB-178		SB-178		SB-178	
					Depth:	3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1		3.5 - 4		24.5 - 25	
					Sample ID:	SB-161_20211223-3.5-4.0		SB-169_20211222_0.5-1.0		SB-169_20211222_3.5-4.0		SB-178_20220125-0.5-1.0		SB-178_20220125-3.5-4.0		SB-178_20220207-24.5-25.0	
					Lab Sample ID:	460-249908-2		460-249756-7		460-249756-8		460-251246-4		460-251246-5		460-252132-2	
					SDG:	4602499081		4602497561		4602497561		4602512461		4602512461		4602521321	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/23/2021		12/23/2021		12/23/2021		1/25/2022		1/25/2022		2/7/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.02	J	ND		ND		0.11		0.11		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02		0.03		0.02	J	0.34		0.32		ND	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.05		0.03		0.02	J	0.45		0.43		ND	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	J10		J10		J10		J11		J11		K1	
					Location ID:	SB-186		SB-186		SB-186		SB-193		SB-193		SB-108	
					Depth:	0.5 - 1		1 - 1.5		3.5 - 4		1 - 1.5		3.5 - 4		0.5 - 1	
					Sample ID:	SB-186_20211229-0.5-1.0_D		SB-186_20220106-1.0-1.5		SB-186_20220106-3.5-4.0		SB-193_20220112-1.0-1.5		SB-193_20220112-3.5-4.0		SB-108_20220120-0.5-1.0	
					Lab Sample ID:	460-250018-3		460-250511-7		460-250511-8		460-250686-3		460-250686-4		460-251087-4	
					SDG:	4602500181		4602505111		4602505111		4602506861		4602506861		4602510871	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	FD		N		N		N		N		N	
					Sample Date:	12/29/2021		1/6/2022		1/6/2022		1/12/2022		1/12/2022		1/20/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		0.02	JN	ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.02		ND		0.67		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.02	J	0.03		0.04		1.70		ND		0.82	
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.02	J	0.07		0.04		2.37		ND		0.82	

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	K1		K2		K2		K2		K2		K3					
					Location ID:	SB-108		SB-118		SB-118		SB-118		SB-118		SB-128					
					Depth:	3.5 - 4		0.5 - 1		3.5 - 4		4 - 4.5		4.5 - 5		0.5 - 1					
					Sample ID:	SB-108_20220120-3.5-4.0		SB-118_20211208_0.5-1.0		SB-118_20211208_3.5-4.0		SB-118-20221014-4.0-4.5		SB-118-20221014-4.5-5.0		SB-128_20211206_0.5-1.0					
					Lab Sample ID:	460-251087-5		460-248749-7		460-248749-8		460-267541-2		460-267541-4		460-248749-5					
					SDG:	4602510871		4602487491		4602487491		4602675411		4602675411		4602487491					
					Matrix:	SO		SO		SO		SO		SO		SO					
					Sample Type Code:	N		N		N		N		N		N					
					Sample Date:	1/20/2022		12/8/2021		12/8/2021		10/14/2022		10/14/2022		12/6/2021					
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**																
	Polychlorinated Biphenyls (PCBs)																				
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.02	U	0.02	U	ND					
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.02	U	0.02	U	ND					
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.02	U	0.02	U	ND					
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.02	U	0.02	U	ND					
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		2.80		0.06		0.04		ND					
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		0.96		0.02	U	0.02	U	ND					
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.27		0.96		0.65		0.10		0.03		0.06					
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.02	U	0.02	U	ND					
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.02	U	0.02	U	ND					
	Total PCBs	**1**	**10**	**50**	mg/kg	0.27		0.96		**4.40**		0.16		0.07		0.06					

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	K3		K4		K4		K5		K5		K5	
					Location ID:	SB-128		SB-137		SB-137		SB-147		SB-147		SB-147	
					Depth:	3.5 - 4		0.5 - 1		3.5 - 4		0.5 - 1		2.5 - 3		3.5 - 4	
					Sample ID:	SB-128_20211206_3.5-4.0		SB-137_20211227-0.5-1.0		SB-137_20211227-3.5-4.0		SB-147_20211229-0.5-1.0		SB-147_20211229-2.5-3.0		SB-147_20220117-3.5-4.0	
					Lab Sample ID:	460-248749-6		460-249908-11		460-249908-12		460-250018-8		460-250018-9		460-250876-1	
					SDG:	4602487491		4602499081		4602499081		4602500181		4602500181		4602508761	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/6/2021		12/27/2021		12/27/2021		12/29/2021		12/29/2021		1/17/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		ND		ND		0.09		ND		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.63		0.03		ND		0.27		0.14		0.34	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.63		0.03		ND		0.36		0.14		0.34	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	K5		K6		K6		K7		K7		K8			
					Location ID:	SB-147		SB-152		SB-152		SB-162		SB-162		SB-170			
					Depth:	23.5 - 24		0.5 - 1		3.5 - 4		0.5 - 1		3 - 3.5		0.5 - 1			
					Sample ID:	SB-147_20220209-23.5-24.0		SB-152_20211228-0.5-1.0		SB-152_20211228-3.5-4.0		SB-162_20211227-0.5-1.0		SB-162_20211227-3.0-3.5		SB-170_20211229-0.5-1.0			
					Lab Sample ID:	460-252311-3		460-249908-13		460-249908-14		460-249908-3		460-249908-4		460-250018-6			
					SDG:	4602523111		4602499081		4602499081		4602499081		4602499081		4602500181			
					Matrix:	SO		SO		SO		SO		SO		SO			
					Sample Type Code:	N		N		N		N		N		N			
					Sample Date:	2/9/2022		12/28/2021		12/28/2021		12/27/2021		12/27/2021		12/29/2021			
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**														
	Polychlorinated Biphenyls (PCBs)																		
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND			
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND			
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND			
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND			
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		0.06		ND		ND		ND		ND			
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.17		ND		0.07		ND		ND			
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.07		0.02	J	0.24		0.04		0.69			
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND			
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND			
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		0.30		0.02	J	0.31		0.04		0.69			

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	K8		K8		K9		K9		K10		K10	
					Location ID:	SB-170		SB-170		SB-179		SB-179		SB-187		SB-187	
					Depth:	3.5 - 4		23.5 - 24		0.5 - 1		3.5 - 4		1 - 1.5		3.5 - 4	
					Sample ID:	SB-170_20211229-3.5-4.0		SB-170_20220211-23.5-24.0		SB-179_20211229-0.5-1.0		SB-179_20211229-3.5-4.0		SB-187_20220106-1.0-1.5		SB-187_20220106-3.5-4.0	
					Lab Sample ID:	460-250018-7		460-252378-12		460-250018-4		460-250018-5		460-250511-5		460-250511-6	
					SDG:	4602500181		4602523781		4602500181		4602500181		4602505111		4602505111	
					Matrix:	SO		SO		SO		SO		SO		SO	
					Sample Type Code:	N		N		N		N		N		N	
					Sample Date:	12/29/2021		2/11/2022		12/29/2021		12/29/2021		1/6/2022		1/6/2022	
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**												
	Polychlorinated Biphenyls (PCBs)																
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	0.07		ND		0.03		ND		0.17		ND	
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	0.13		ND		0.05		0.06		0.25		0.01	J
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		ND		ND		ND	
	Total PCBs	**1**	**10**	**50**	mg/kg	0.20		ND		0.08		0.06		0.42		0.01	J

Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 5
Summary of Polychlorinated Biphenyl Site Characterization Results
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

					Grid Number:	K10		K11		K11		
					Location ID:	SB-187		SB-196		SB-196		
					Depth:	24 - 24.5		1.5 - 2		3.5 - 4		
					Sample ID:	SB-187_20220208-24.0-24.5		SB-196_20220113-1.5-2.0		SB-196_20220113-3.5-4.0		
					Lab Sample ID:	460-252132-8		460-250686-7		460-250686-8		
					SDG:	4602521321		4602506861		4602506861		
					Matrix:	SO		SO		SO		
					Sample Type Code:	N		N		N		
					Sample Date:	2/8/2022		1/13/2022		1/13/2022		
CAS NO.	**COMPOUND**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**EPA THRESHOLD LIMIT**	**UNITS**							
	Polychlorinated Biphenyls (PCBs)											
12674-11-2	PCB-1016 (Aroclor 1016)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
11104-28-2	PCB-1221 (Aroclor 1221)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
11141-16-5	PCB-1232 (Aroclor 1232)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
53469-21-9	PCB-1242 (Aroclor 1242)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
12672-29-6	PCB-1248 (Aroclor 1248)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
11097-69-1	PCB-1254 (Aroclor 1254)	**1**	**10**	**50**	mg/kg	ND		0.60		ND		
11096-82-5	PCB-1260 (Aroclor 1260)	**1**	**10**	**50**	mg/kg	ND		0.94		0.03		
37324-23-5	PCB-1262 (Aroclor 1262)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
11100-14-4	PCB-1268 (Aroclor 1268)	**1**	**10**	**50**	mg/kg	ND		ND		ND		
	Total PCBs	**1**	**10**	**50**	mg/kg	ND		1.54		0.03		

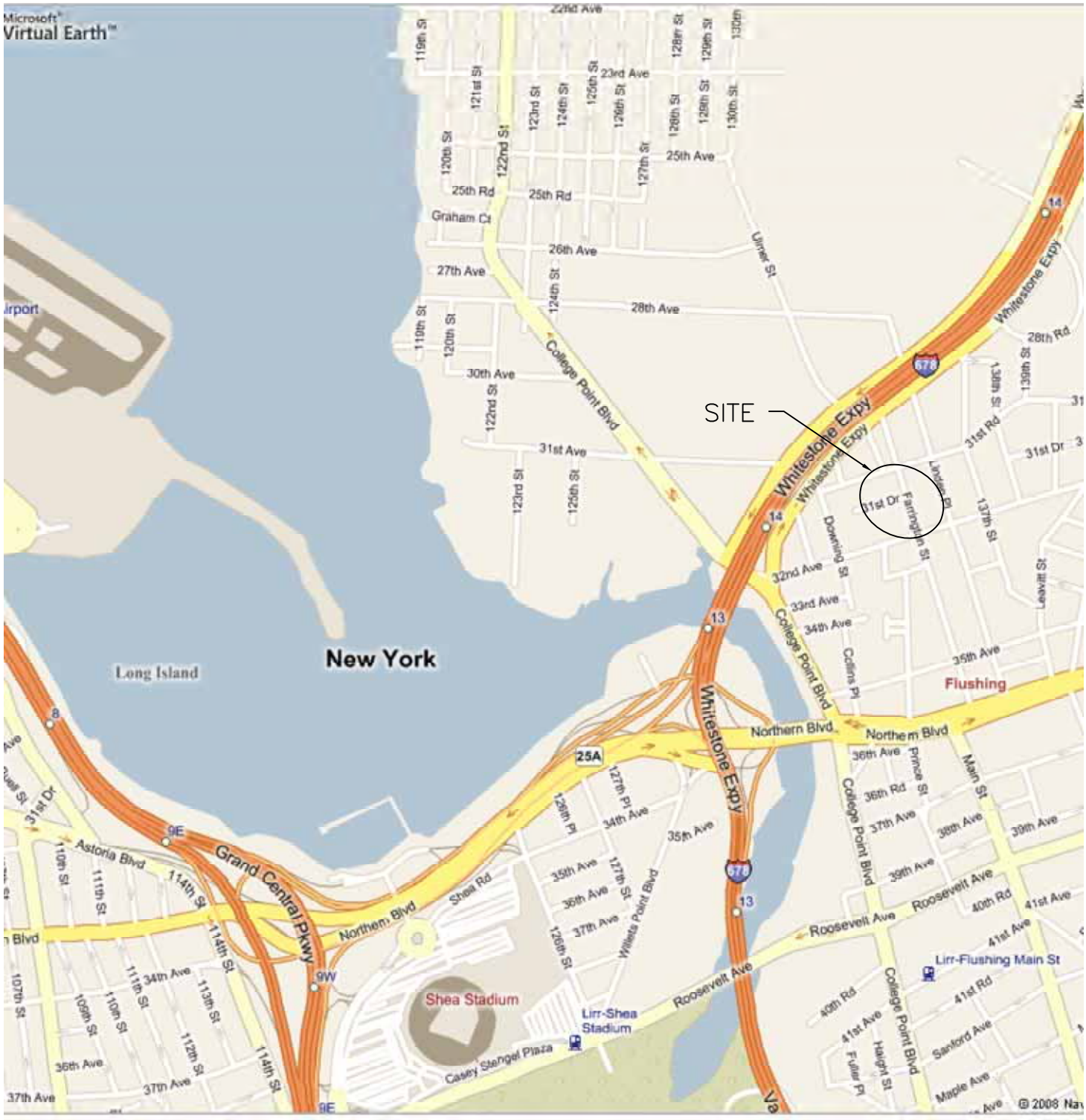
Notes:
Grey highlighted cells exceed EPA Threshold
Yellow highlighted cells exceed EPA Threshold
Orange highlighted cells exceed EPA Threshold
Bold indicates exceedance of 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/kg = Milligrams per Kilogram
ND = None detected
U - Indicates the analyte was analyzed for but not detected
J - Result is less than the reporting limit but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value
N - Tentatively identified at the concentration given
+ - Laboratory Control Samples (LCS) and/or Laboratory Control Sample Duplicates (LCSD) is outside acceptable limits, high biased
- - LCS and/or LCSD is outside acceptable limits, low biased

Table 6
Preliminary Screening of Alternatives
Former Farrington Street Works Site - Alternatives Analysis Report
Queens, New York
Consolidated Edison Company of New York

Remedial Alternative	Technology	Process	Applicability
No Action		Does not include any remedial activities or institutional controls	***Not Retained***
Limited Action	Institutional Controls	Site Management Plan	***Retained***
	Engineering Controls	Maintenance and monitoring of cover systems (i.e., asphalt in parking areas, concrete under the building structure, and fill meeting CSCOs/top soil in landscaped areas)	***Retained***
Containment	Barrier Wall	Lateral containment of the MGP impacts migrating off-site.	***Retained***
Removal	Excavation and Off-Site Disposal and Treatment	Removal of MGP-impacted soil material for off-site disposal and treatment.	***Not Retained***
	Free Product Recovery	Removal of DNAPL from MGP-impacted soil via pumping from recovery wells	***Retained***
In-Situ Physical/Chemical Treatment	*In Situ* Stabilization/Solidification (ISS) via augers or excavator	Mixing contaminated soils with cementitious grout rendering contaminant constituents immoble due to the reduction in hydraulic conductivity.	***Retained***
	In Situ Stabilization/Solidification (ISS) - via jet grouting	Mixing contaminated soils with cementitious grout rendering contaminant constituents immoble due to the reduction in hydraulic conductivity.	***Not Retained***
	In situ Thermal Treatment (TSTD/ISTT)	Electro resistant heating for removal of MGP impacts	***Not Retained***
	In Situ Chemical Oxidation (ISCO)	Injection of strong oxidants at high concentrations to destroy organic contaminants.	***Not Retained***
	Surfactant Aided ISCO	Injection of surfactants to loosen the bonds of hydrocarbons and reduce the contaminant mass.	***Not Retained***
	Enhanced Bioremediation (EB)	Nitrate, oxygen release compound or percarbonate is injected to enhance the microbial activity. If necessary, nutrients will be injected as needed.	***Not Retained***

"Retained" indicates that the technology is technically capable of meeting the Remedial Action Objectives by itself or in combination with other technologies.

FIGURES



BASE MAP FROM MSN LIVE SEARCH MAPS 2008.

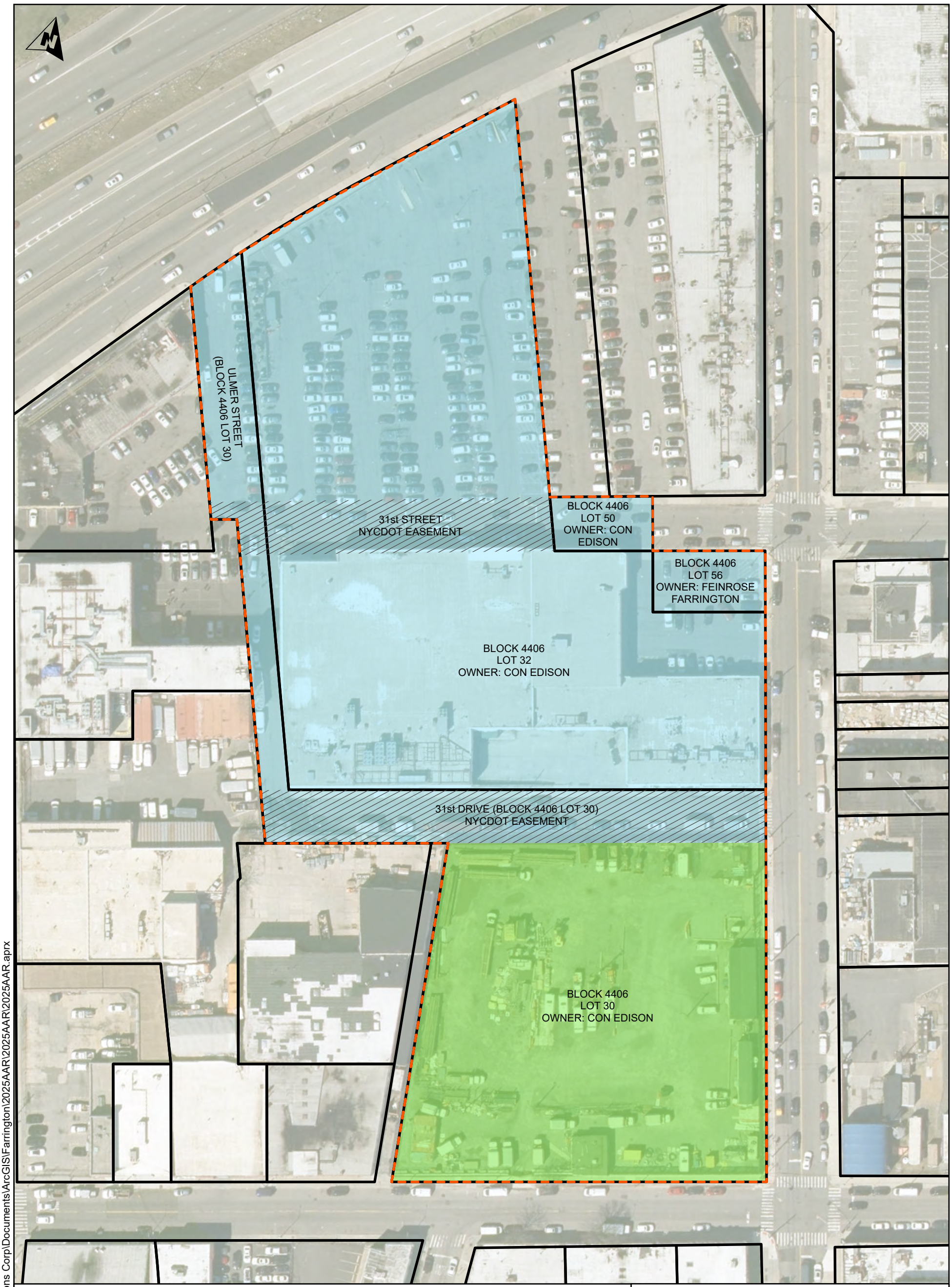
FIGURE 1A

CONSOLIDATED EDISON
FORMER FARRINGTON STREET GAS WORKS
QUEENS, NEW YORK

SITE LOCATION MAP

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560

FILE NAME: P:\CONED\446109 - FARRINGTON ST MGP\CAD\2015-REPORT\SITEMAP.DWG
PLOT DATE: 9/21/2015 5:26 PM PLOTTED BY: RUSSO, JILL



Path: C:\Users\p005740B\OneDrive - Parsons Corp\Documents\ArcGIS\Farrington\2025AAR\2025AAR.aprx

Parcel 1

Parcel 2

Tax Parcel Boundaries

Site Boundary

Easement

0 50 100 200 Feet

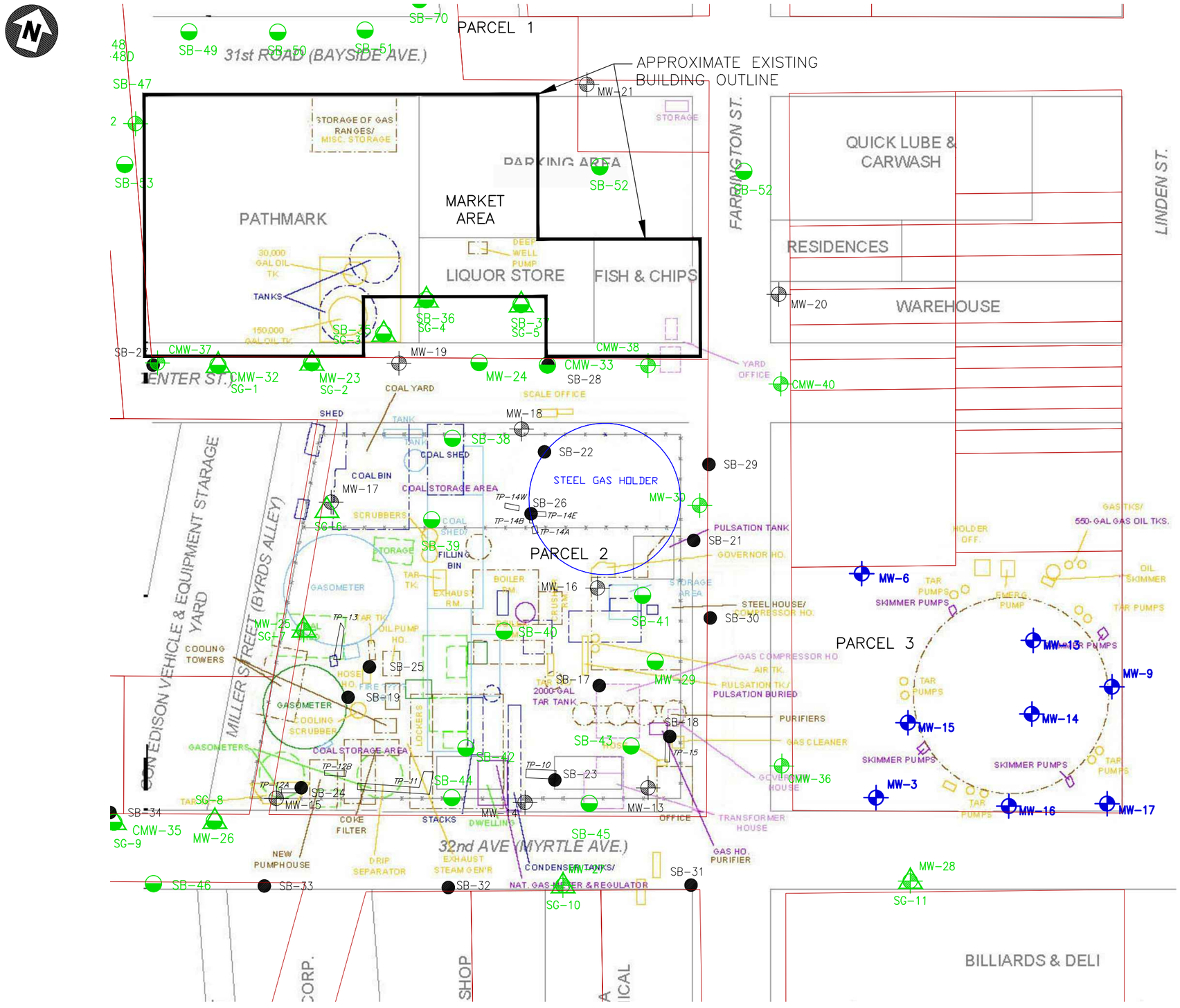
NOTE: WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY

FIGURE 1B

CON EDISON
FARRINGTON STREET
FORMER MGP SITE
FLUSHING, NEW YORK

TAX PARCEL/REMEDIATION PARCEL BOUNDARIES

PARSONS
301 PLAINFIELD RD, SUITE 350, SYRACUSE, NY 13212



LEGEND:

- SITE CHARACTERIZATION MONITORING WELL LOCATIONS
- SITE CHARACTERIZATION SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- REMEDIAL INVESTIGATION MONITORING WELL LOCATIONS
- REMEDIAL INVESTIGATION SOIL BORING LOCATIONS
- REMEDIAL INVESTIGATION SOIL GAS LOCATIONS
- HOLDER STATION (PARCEL 3) NEW MONITORING WELL LOCATION
- TAX PARCEL BOUNDARY

LEGEND

- FENCELINE
- 1892
- 1897
- 1903
- 1916
- 1941
- 1943
- 1951
- 1954

NOTES

1) LOCATIONS OF HISTORIC STRUCTURES BASED ON FIGURE 4 IN THE SITE HISTORY REPORT (ENSR, 2003) WITH ONE EXCEPTION. THE LOCATION OF THE FORMER STEEL GAS HOLDER IN THE NORTHEASTERN PORTION OF PARCEL 2 HAS BEEN SHIFTED BASED ON OBSERVATIONS DURING THE SITE CHARACTERIZATION. ALL HISTORIC STRUCTURES AND ROAD LOCATIONS SHOULD BE CONSIDERED APPROXIMATE ON THIS FIGURE.

80 40 0 80 160

SCALE: 1"=80'

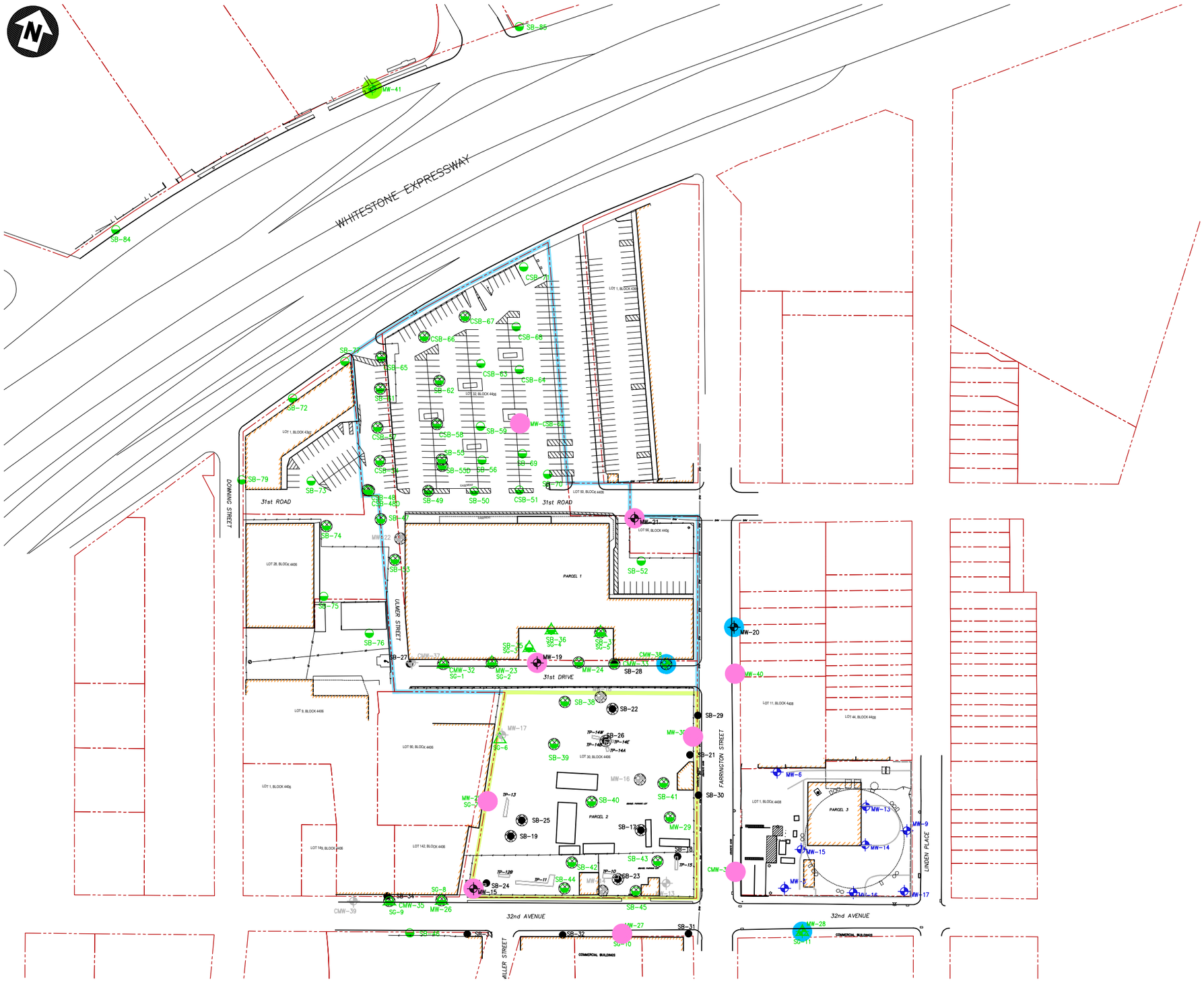
FIGURE 2

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
QUEENS, NEW YORK

FORMER MGP STRUCTURES

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\451356 – FARRINGTON MGP SRI\CAD\FIGURES\446109-SK005.DWG
PLOT DATE: 7/29/2026 12:00 PM PLOTTED BY: SOTELO, RAUL [NN-US]



SCALE: 1"=150'

LEGEND:

- TAX PARCEL BOUNDARY (NOTE 4)
- PARCEL 1
- PARCEL 2
- SITE CHARACTERIZATION MONITORING WELL LOCATIONS
- SITE CHARACTERIZATION SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- REMEDIAL INVESTIGATION MONITORING WELL LOCATIONS
- REMEDIAL INVESTIGATION SOIL BORING LOCATIONS
- REMEDIAL INVESTIGATION SOIL GAS LOCATIONS
- HOLDER STATION (PARCEL 3) MONITORING WELL LOCATION
- MONITORING WELL DESTROYED/MISSING
- GROUNDWATER SAMPLING AND CONDUCTIVITY TESTING LOCATION
- GROUNDWATER SAMPLING, CONDUCTIVITY TESTING, AND TIDAL STUDY LOCATION
- TIDAL STUDY LOCATION

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 2/02/15.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. MONITORING WELL LOCATIONS LOCATED IN PARCEL 3 WERE BASED ON A FIELD SURVEY CONDUCTED ON MAY 1, 2014 AND ARE PART OF A POST-IRM GROUNDWATER MONITORING PROGRAM.
6. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

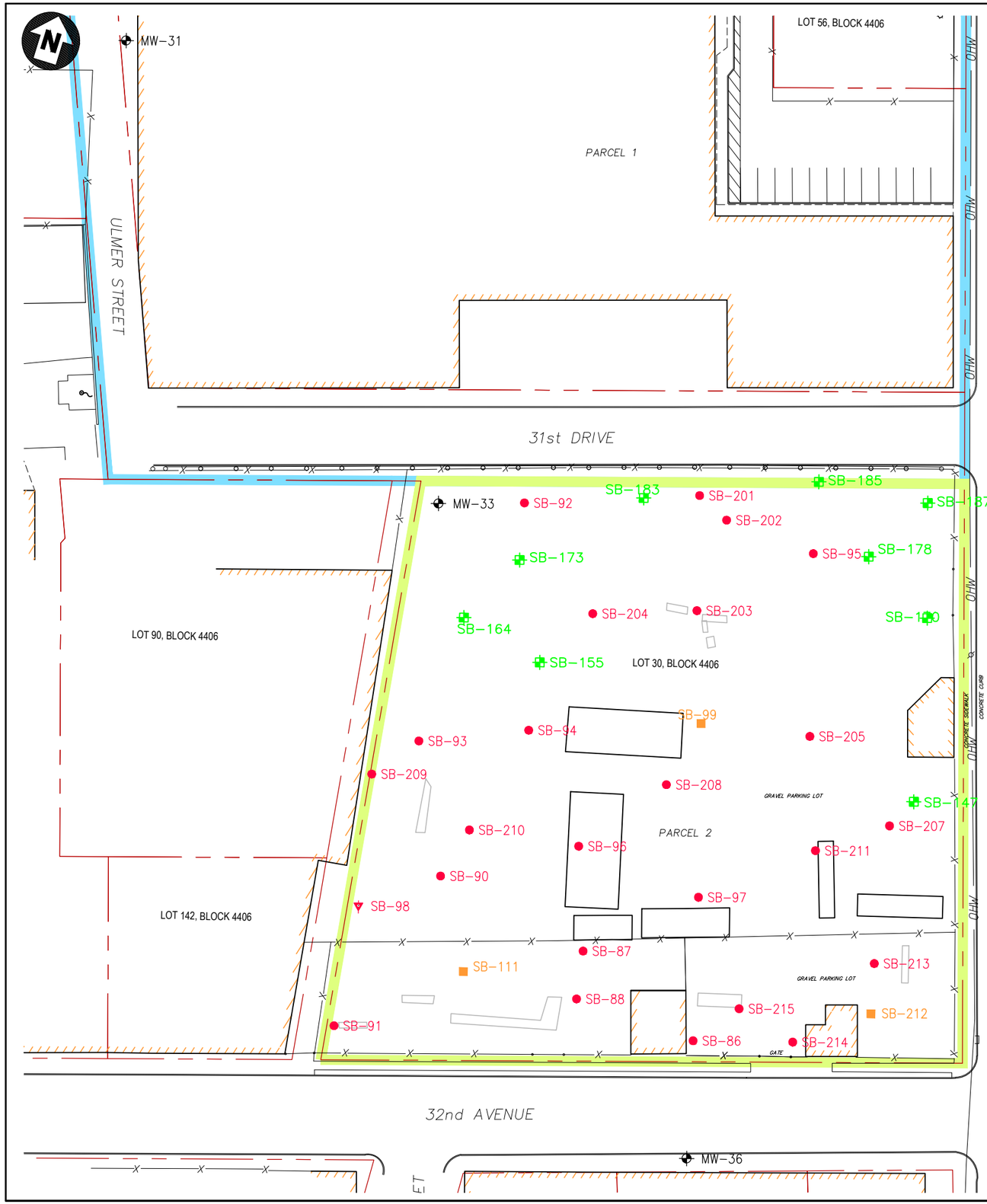
FIGURE 3A

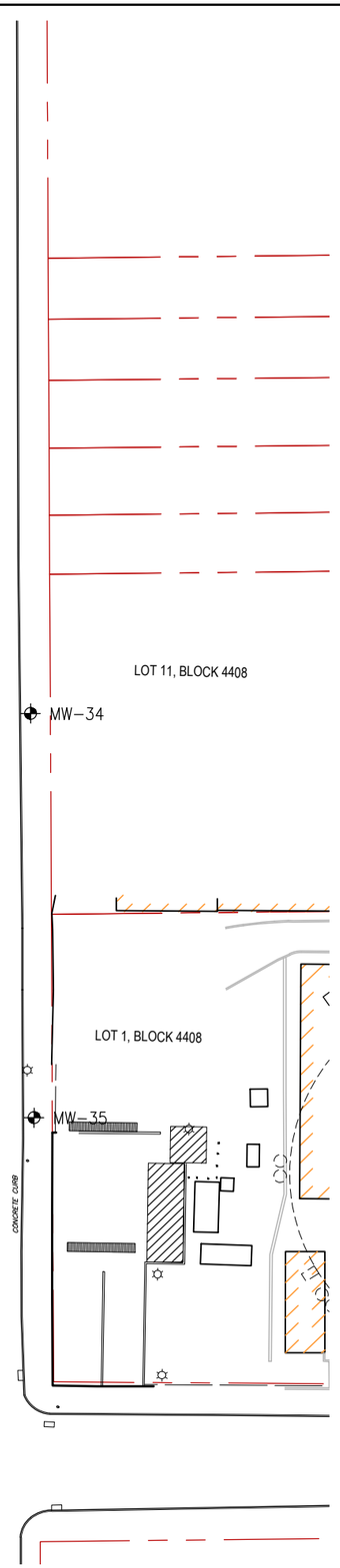
CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

SAMPLE LOCATION MAP SITE CHARACTERIZATION AND REMEDIAL INVESTIGATION

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\452758 - FARRINGTON 2021 SRI MGP\19.0 CAD\CAD\452758-SK001.DWG
PLOT DATE: 8/24/2026 10:25 AM PLOTTED BY: SOTELO, RAUL [NN-US]





LEGEND:

- MONITORING WELLS INSTALLED DURING SUPPLEMENTAL REMEDIAL INVESTIGATION
- GEOTECHNICAL BORING LOCATIONS
- NAPL DELINEATION BORING LOCATIONS
- COMBINED GEOTECHNICAL AND NAPL BORING LOCATIONS
- TAX PARCEL BOUNDARY (NOTE 4)
- PARCEL 1
- PARCEL 2

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 2/02/15.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. MONITORING WELL AND INVESTIGATION LOCATIONS SURVEYED DURING FIELD IMPLEMENTATION OF THE SUPPLEMENTAL REMEDIAL INVESTIGATION.
6. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

60 30 0 60 120

SCALE: 1"=60'

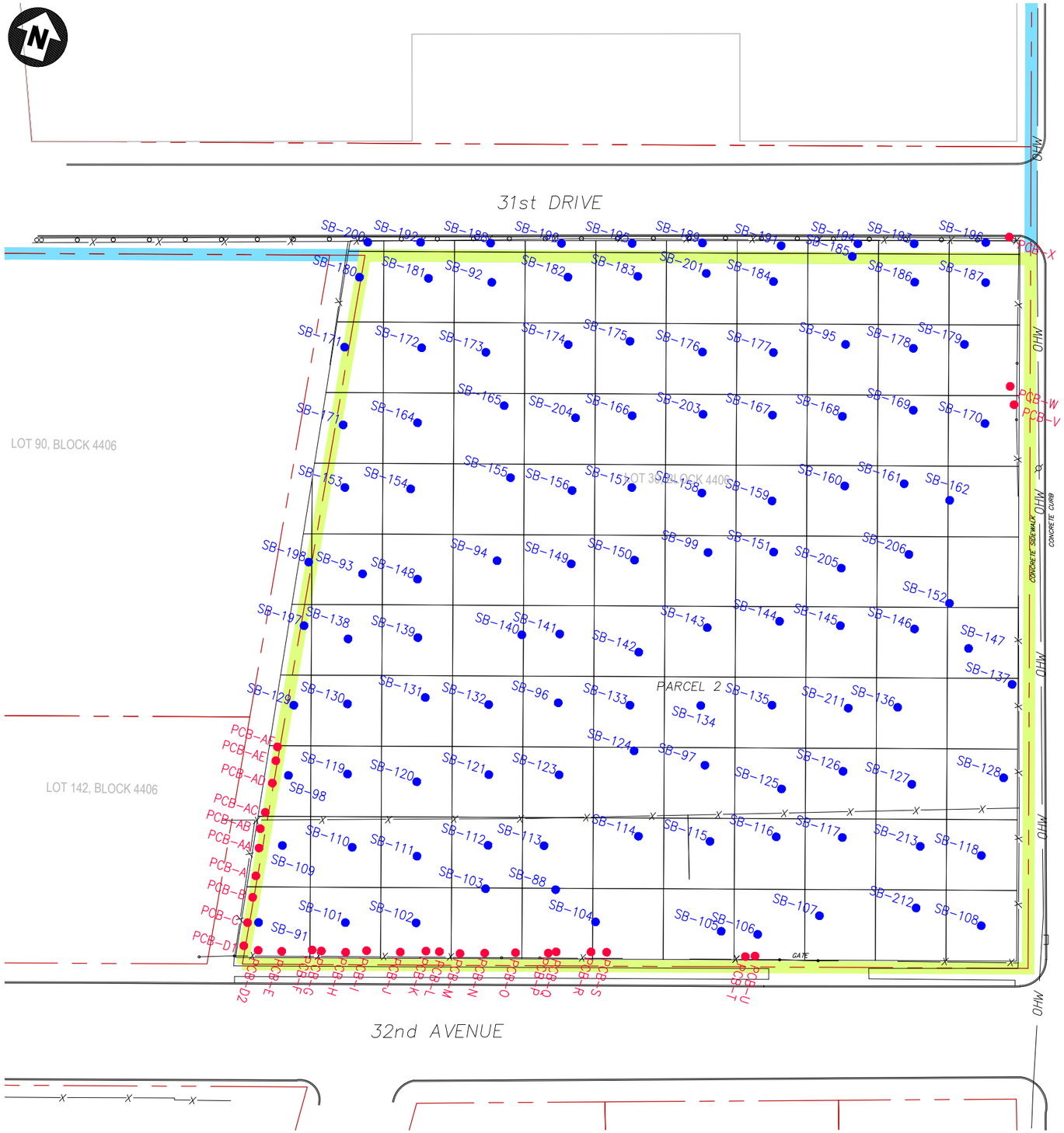
FIGURE 3B

CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

SAMPLE LOCATION MAP
SUPPLEMENTAL REMEDIAL INVESTIGATION

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\452758 - FARRINGTON 2021 SRI MGP\19.0 CAD\CAD\452758-SK002.DWG
PLOT DATE: 8/24/2026 10:26 AM PLOTTED BY: SOTELO, RAUL [NN-US]



SCALE: 1"=50'

LEGEND:

- PCB SAMPLING LOCATION – PRELIMINARY PCB SAMPLING JUNE 2021 (TO 1 FEET BGS)
- PCB SITE CHARACTERIZATION SAMPLING LOCATION
- TAX PARCEL BOUNDARY (NOTE 4)
- PARCEL 1
- PARCEL 2

NOTES

1. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
2. VERTICAL DATUM IS BASED UPON NAVD88.
3. PCB SAMPLING LOCATIONS SURVEYED DURING FIELD IMPLEMENTATION OF THE SUPPLEMENTAL REMEDIAL INVESTIGATION AND PCB SITE CHARACTERIZATION.
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

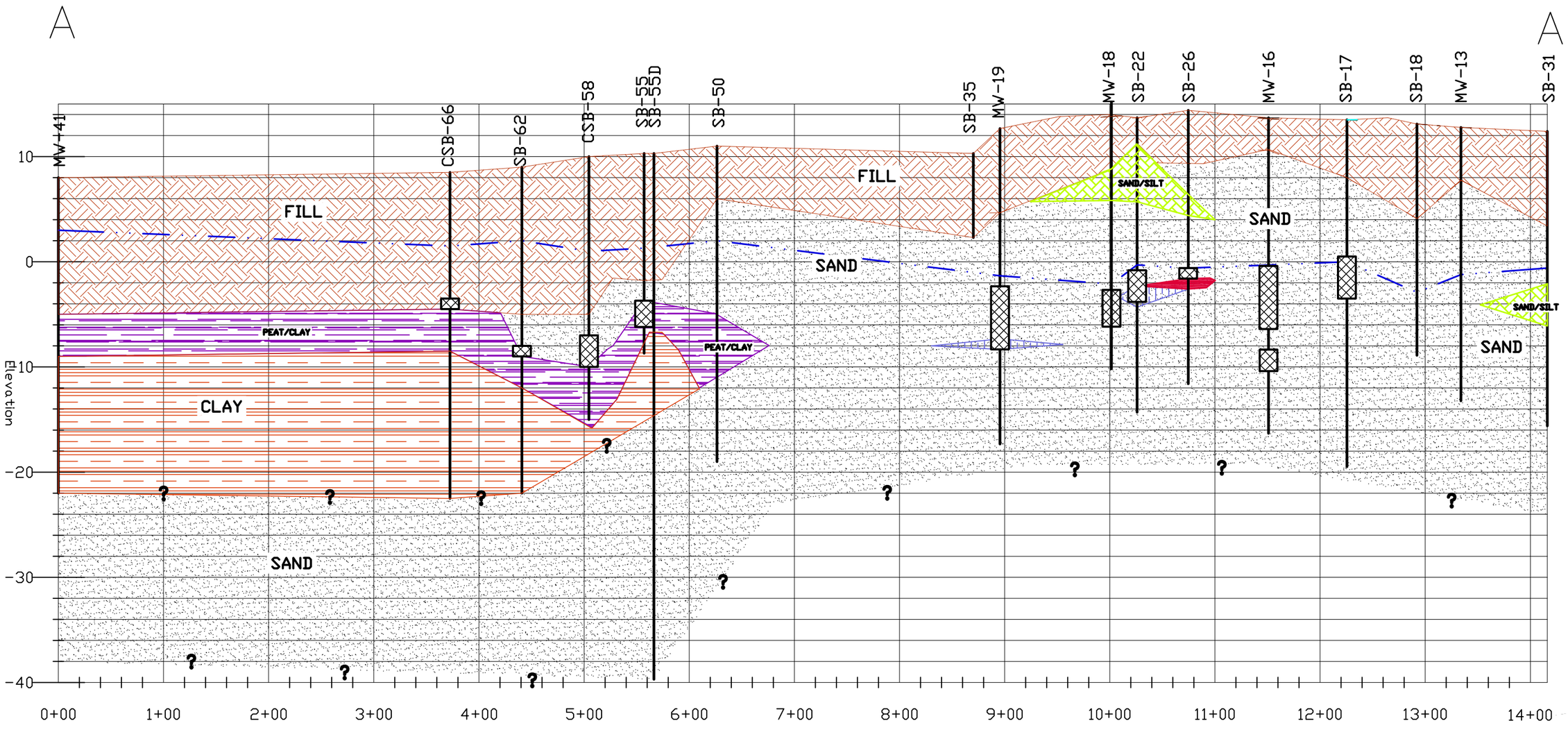
FIGURE 3C

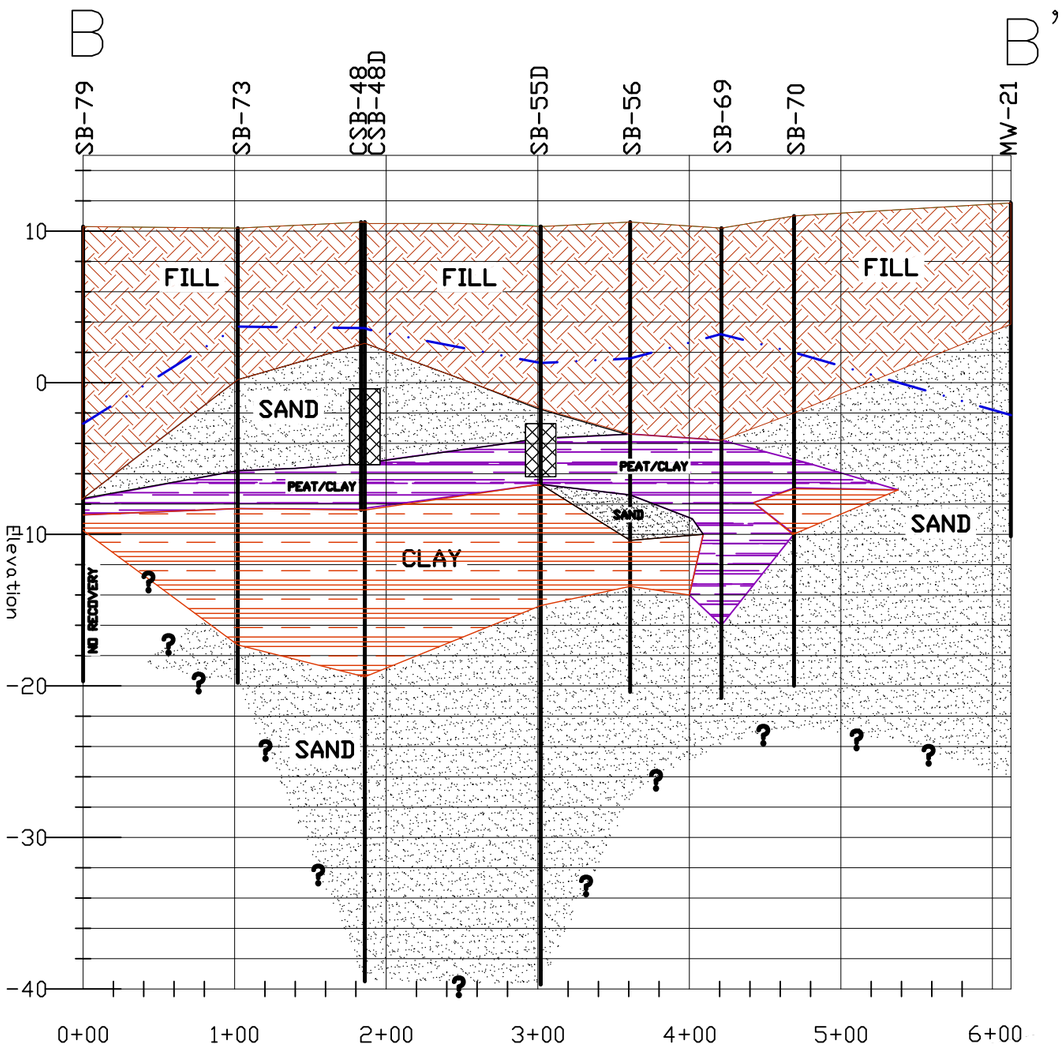
CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

SAMPLE LOCATION MAP
INITIAL PCB SITE CHARACTERIZATION

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\452758 – FARRINGTON 2021 SRI MGP\19.0 CAD\CAD\452758-SK003.DWG
PLOT DATE: 8/24/2026 10:27 AM PLOTTED BY: SOTELO, RAUL [NN-US]



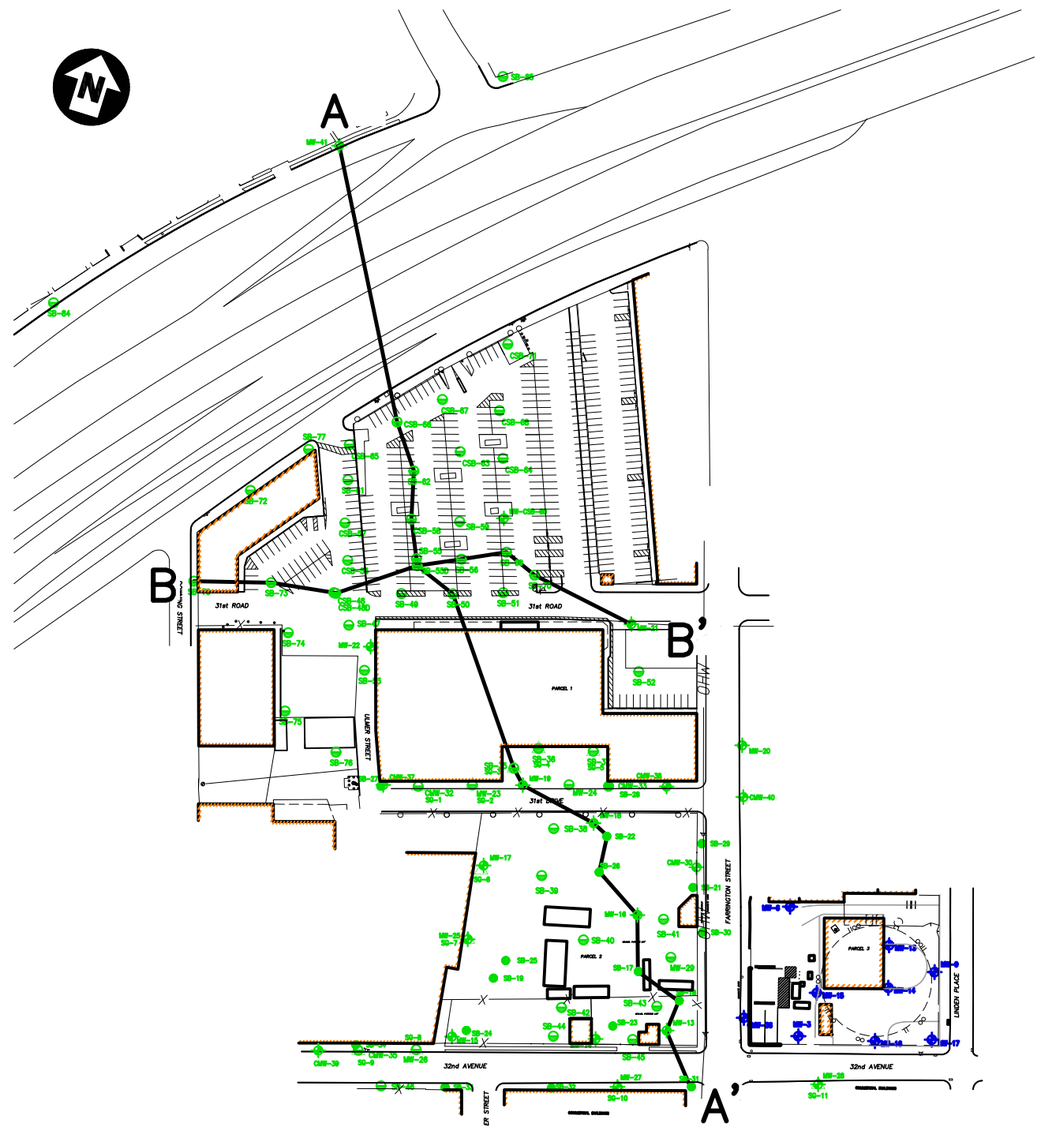


LEGEND:

- SOIL BORING
- NAPL ENCOUNTERED
- WATER TABLE
- FILL
- SAND
- SILT
- SAND/SILT
- PEAT/CLAY
- CLAY
- SAND/GRAVEL

NOTE:

1. ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL.



LEGEND:

- SITE CHARACTERIZATION MONITORING WELL LOCATIONS
- SITE CHARACTERIZATION SOIL BORING LOCATIONS
- REMEDIAL INVESTIGATION MONITORING WELL LOCATIONS
- REMEDIAL INVESTIGATION SOIL BORING LOCATIONS
- REMEDIAL INVESTIGATION SOIL GAS LOCATIONS
- HOLDER STATION (PARCEL 3) MONITORING WELL LOCATION

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 2/02/15.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. MONITORING WELL LOCATIONS LOCATED IN PARCEL 3 WERE BASED ON A FIELD SURVEY CONDUCTED ON MAY 1, 2014 AND ARE PART OF A POST-IRM GROUNDWATER MONITORING PROGRAM.

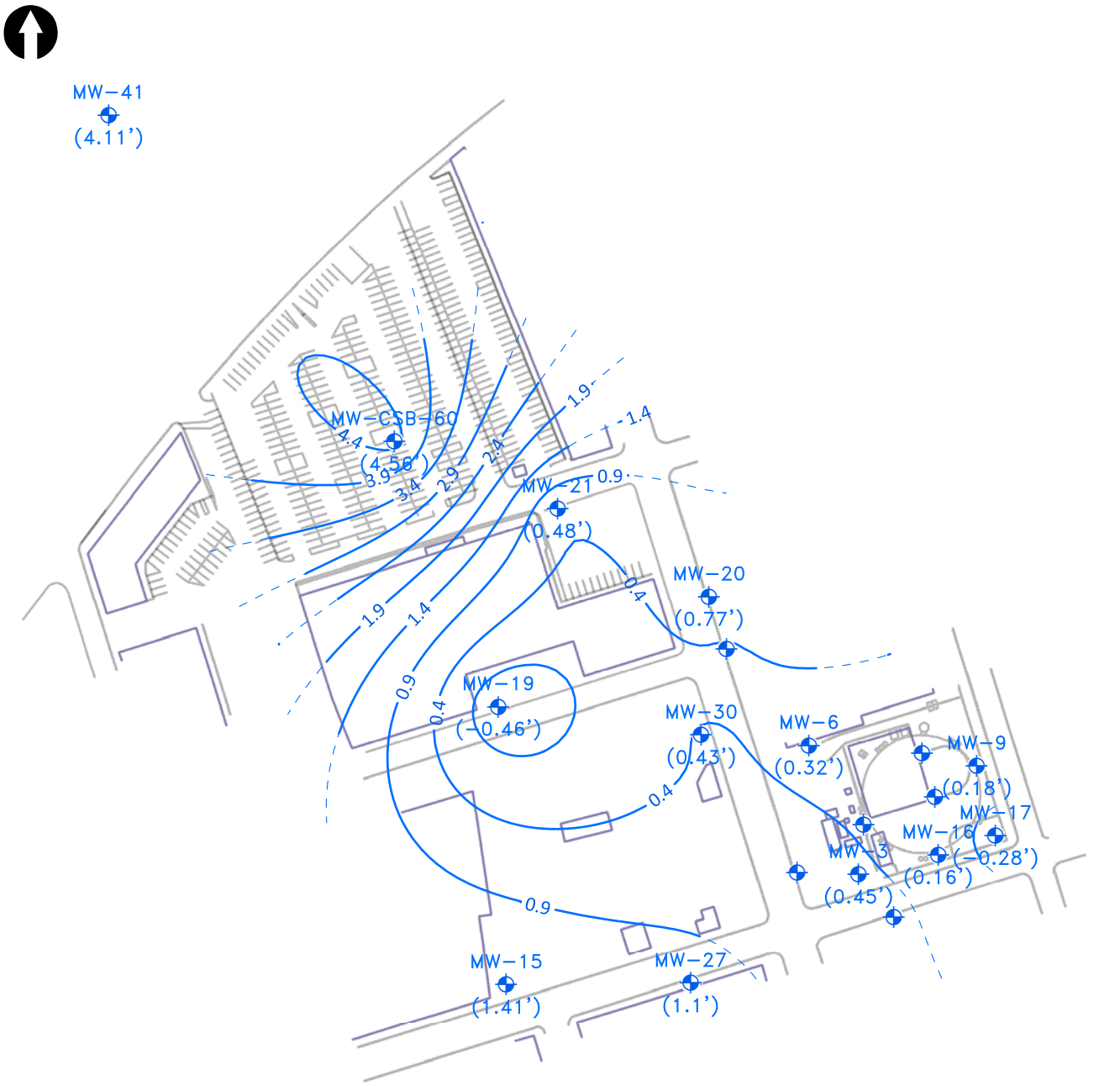
FIGURE 4

CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

CROSS-SECTIONS A-A' AND B-B'

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: P:\CONED\446109 - FARRINGTON ST MGP\CAD\446109-SK002-CROSS SECTIONS.DWG
PLOT DATE: 9/29/2015 12:37 PM PLOTTED BY: RUSSO, JILL



LEGEND:

- GROUNDWATER MONITORING WELL GAUGED IN NOVEMBER 2018
- INFERRED GROUNDWATER CONTOUR
- GROUNDWATER CONTOURS
- (1.1') NOVEMBER 2018 GROUNDWATER ELEVATIONS (FT ASML)

NOTES:

1. GROUNDWATER ELEVATIONS IN FEET AMSL
2. GROUNDWATER ELEVATION DATA COLLECTED 11/13/2018
3. LNAPL WAS MEASURED IN MONITORING WELLS MW-15 AND MW-19 DURING THE NOVEMBER 2018 GAUGING EVENT. A SPECIFIC GRAVITY OF 0.93 WAS USED TO CALCULATE A CORRECTION FACTOR THAT WAS USED TO ADJUST GROUNDWATER ELEVATIONS IN THESE WELLS.
4. THE FOLLOWING MONITORING WELLS COULD NOT BE LOCATED OR WERE DAMAGED AT THE TIME OF GAUGING: MW-13, MW-14, MW-16, MW-17, MW-18,MW-22, CMW-37, AND CMW-39.

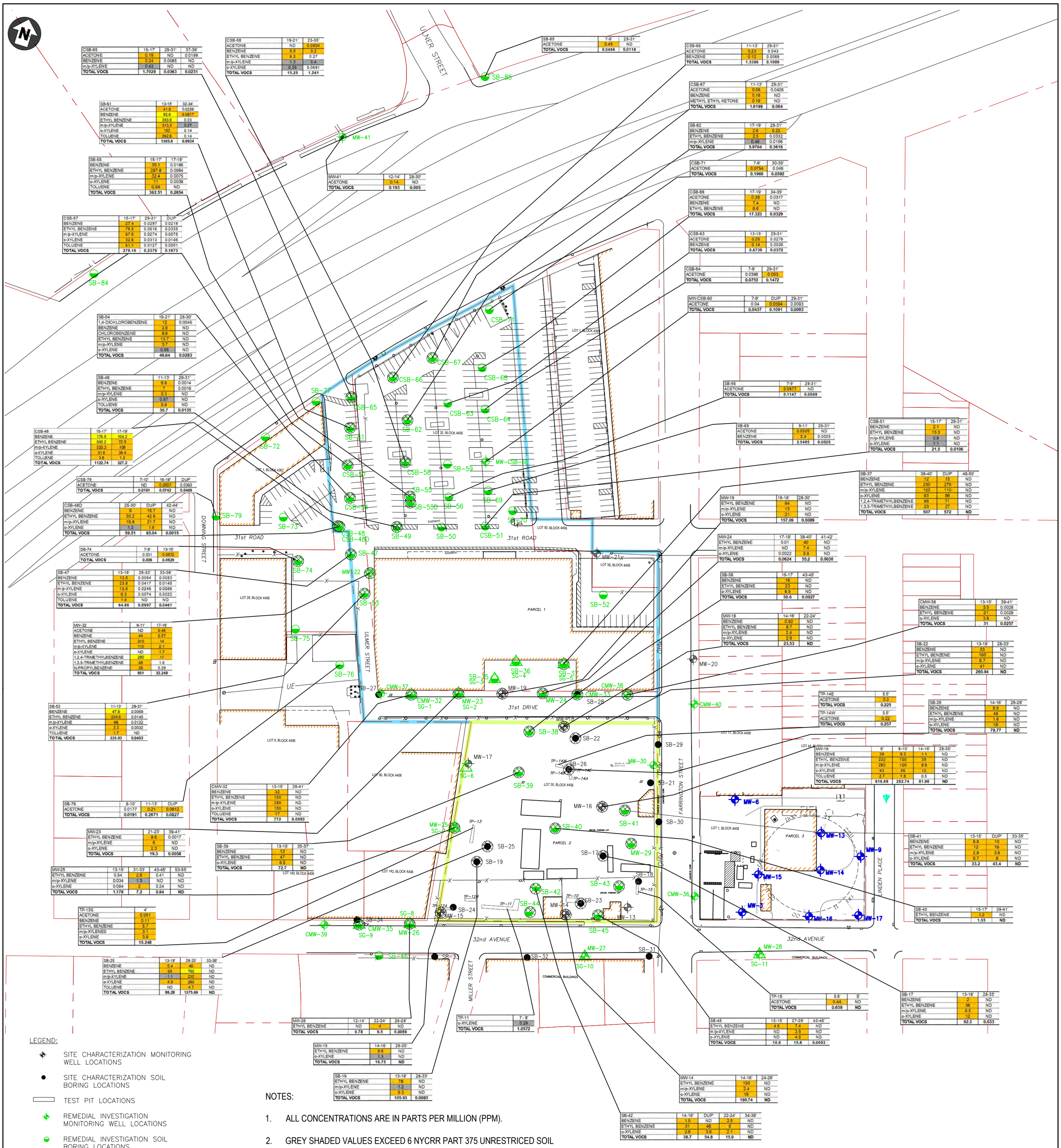
FILE NAME: \nybuf03fs01\ConEd Farington\Groundwater_Model\Report\MXD\Site Map 1.mxd
PLOT DATE: PLOTTED BY: BECK, MELANIE

FIGURE 5

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

GROUNDWATER CONTOUR MAP

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



CSB-85	15-17'	29-31'	37-39'
ACETONE	0.19	ND	0.0199
BENZENE	0.24	0.0085	ND
m/p-XYLENE	0.43	ND	ND
TOTAL VOCS	**1.7029**	**0.0363**	**0.0231**

CSB-58	19-21'	23-35'
ACETONE	ND	0.0504
BENZENE	5.5	0.2
ETHYL BENZENE	6.3	0.27
m/p-XYLENE	1.3	0.4
o-XYLENE	0.39	0.0691
TOTAL VOCS	**15.25**	**1.241**

SB-85	7-9'	29-31'
ACETONE	0.45	ND
TOTAL VOCS	**0.5466**	**0.0118**

CSB-66	11-13'	29-31'
ACETONE	0.23	0.043
BENZENE	0.12	0.0069
TOTAL VOCS	**1.3389**	**0.1089**

CSB-67	11-13'	29-31'
ACETONE	0.58	0.0426
BENZENE	0.18	ND
METHYL ETHYL KETONE	0.19	ND
TOTAL VOCS	**1.6199**	**0.064**

SB-61	13-15'	32-34'
ACETONE	41.8	0.0256
BENZENE	92.6	0.0817
ETHYL BENZENE	393.8	0.23
m/p-XYLENE	313.3	0.27
o-XYLENE	152	0.14
TOLUENE	262.6	0.14
TOTAL VOCS	**1305.8**	**0.9934**

SB-62	17-19'	29-31'
BENZENE	2.6	0.25
ETHYL BENZENE	2.3	0.0332
m/p-XYLENE	0.48	0.0196
TOTAL VOCS	**5.9704**	**0.3616**

SB-55	15-17'	17-19'
BENZENE	30.1	0.0186
ETHYL BENZENE	287.8	0.0984
m/p-XYLENE	32.4	0.0075
o-XYLENE	11	0.0038
TOLUENE	0.99	ND
TOTAL VOCS	**362.51**	**0.2654**

MW-41	12-14'	28-30'
ACETONE	0.14	ND
TOTAL VOCS	**0.193**	**0.005**

CSB-71	7-9'	30-35'
ACETONE	0.0754	0.046
TOTAL VOCS	**0.1969**	**0.0592**

CSB-68	17-19'	34-35'
ACETONE	0.39	0.0317
BENZENE	7.4	ND
ETHYL BENZENE	6.6	ND
TOTAL VOCS	**17.323**	**0.0329**

CSB-57	15-17'	29-31'	DUP'
BENZENE	27.4	0.0297	0.0218
ETHYL BENZENE	79.5	0.0616	0.0335
m/p-XYLENE	67.6	0.0274	0.0075
o-XYLENE	32.6	0.0313	0.0146
TOLUENE	61.1	0.0127	0.0051
TOTAL VOCS	**278.16**	**0.2379**	**0.1673**

CSB-63	13-15'	29-31'
ACETONE	0.25	0.0276
BENZENE	0.14	0.0026
TOTAL VOCS	**0.6739**	**0.0372**

CSB-64	7-9'	29-31'
ACETONE	0.0366	0.093
TOTAL VOCS	**0.0753**	**0.1472**

MW-CSB-60	7-9'	DUP'	29-31'
ACETONE	0.04	0.0594	0.0093
TOTAL VOCS	**0.0437**	**0.1091**	**0.0093**

SB-54	19-21'	28-30'
1,4-DICHLOROBENZENE	12	0.0045
BENZENE	2.8	ND
CHLOROBENZENE	8.6	ND
ETHYL BENZENE	13.7	ND
m/p-XYLENE	3.7	ND
o-XYLENE	0.55	ND
TOTAL VOCS	**46.64**	**0.0283**

SB-56	7-9'	29-31'
ACETONE	0.0977	ND
TOTAL VOCS	**0.1147**	**0.0049**

SB-69	9-11'	29-31'
ACETONE	0.0509	ND
BENZENE	2.4	0.0025
TOTAL VOCS	**2.5485**	**0.0025**

CSB-51	15-17'	29-31'
BENZENE	2.1	ND
ETHYL BENZENE	13.3	ND
m/p-XYLENE	0.8	ND
o-XYLENE	1.1	ND
TOTAL VOCS	**21.5**	**0.0106**

SB-49	11-13'	29-31'
BENZENE	6.8	0.0014
ETHYL BENZENE	7	0.0016
m/p-XYLENE	5.3	ND
o-XYLENE	0.97	ND
TOLUENE	5.9	ND
TOTAL VOCS	**30.7**	**0.0135**

SB-37	38-40'	DUP'	48-50'
BENZENE	12	13	ND
ETHYL BENZENE	230	270	ND
m/p-XYLENE	100	110	ND
o-XYLENE	63	66	ND
1,2,4-TRIMETHYLBENZENE	66	71	ND
1,3,5-TRIMETHYLBENZENE	23	27	ND
TOTAL VOCS	**507**	**572**	**ND**

CSB-48	15-17'	17-19'
BENZENE	176.5	104.2
ETHYL BENZENE	500.2	72.5
m/p-XYLENE	320.2	108
o-XYLENE	31.6	38.4
TOLUENE	3.8	1.3
TOTAL VOCS	**1122.74**	**327.2**

MW-19	16-18'	28-30'
ETHYL BENZENE	94	ND
m/p-XYLENE	13	ND
o-XYLENE	21	ND
TOTAL VOCS	**157.09**	**0.0089**

CSB-79	7-10'	16-18'	DUP'
ACETONE	ND	0.0507	0.0363
TOTAL VOCS	**0.0191**	**0.0742**	**0.0469**

MW-24	17-19'	38-40'	41-42'
ETHYL BENZENE	0.01	40	ND
m/p-XYLENE	ND	7.4	ND
o-XYLENE	0.0022	5.9	ND
TOTAL VOCS	**0.0624**	**55.2**	**0.0036**

CSB-48D	25-30'	DUP'	42-44'
BENZENE	9	15.7	ND
ETHYL BENZENE	30.2	42.5	ND
m/p-XYLENE	16.8	21.7	ND
o-XYLENE	1.3	1.9	ND
TOTAL VOCS	**59.51**	**85.04**	**0.0015**

SB-38	15-17'	43-45'
BENZENE	16	ND
ETHYL BENZENE	23	ND
o-XYLENE	8.9	ND
TOTAL VOCS	**50.6**	**0.0027**

SB-74	7-9'	13-15'
ACETONE	0.031	0.0872
TOTAL VOCS	**0.036**	**0.0829**

CMW-38	13-15'	39-41'
BENZENE	3.5	0.0028
ETHYL BENZENE	21	0.0029
o-XYLENE	3.8	ND
TOTAL VOCS	**31**	**0.0257**

SB-47	13-18'	28-33'	33-38'
BENZENE	13.5	0.0094	0.0083
ETHYL BENZENE	23.8	0.0417	0.0145
m/p-XYLENE	13.5	0.0246	0.0086
o-XYLENE	5.3	0.0074	0.0022
TOLUENE	1.4	ND	ND
TOTAL VOCS	**64.86**	**0.0997**	**0.0461**

MW-18	14-16'	22-24'
BENZENE	0.92	ND
ETHYL BENZENE	8.7	ND
m/p-XYLENE	2.4	ND
o-XYLENE	2.9	ND
TOTAL VOCS	**23.53**	**ND**

SB-22	13-18'	28-33'
BENZENE	33	ND
ETHYL BENZENE	160	ND
m/p-XYLENE	67	ND
o-XYLENE	41	ND
TOTAL VOCS	**260.94**	**ND**

MW-22	9-11'	17-19'
ACETONE	ND	0.46
BENZENE	44	0.27
ETHYL BENZENE	310	14
m/p-XYLENE	110	2.1
o-XYLENE	ND	1.7
1,2,4-TRIMETHYLBENZENE	280	11
1,3,5-TRIMETHYLBENZENE	48	1.6
N-PROPYLBENZENE	35	0.29
TOTAL VOCS	**851**	**32.248**

TP-14E	5.5'
ACETONE	0.2
TOTAL VOCS	**0.225**

TP-14W	5.5'
ACETONE	0.22
TOTAL VOCS	**0.257**

SB-26	14-16'	26-28'
BENZENE	6.9	ND
ETHYL BENZENE	48	ND
m/p-XYLENE	1.8	ND
o-XYLENE	16	ND
TOTAL VOCS	**79.77**	**ND**

SB-53	11-13'	29-31'
BENZENE	47.6	0.0068
ETHYL BENZENE	204.6	0.0145
m,p-XYLENE	66	0.0132
o-XYLENE	3.3	0.0032
TOLUENE	1.7	ND
TOTAL VOCS	**335.93**	**0.0403**

MW-16	6'	8-10'	14-16'	28-30'
BENZENE	39	9.3	1.1	ND
ETHYL BENZENE	230	100	39	ND
m/p-XYLENE	280	100	8.9	ND
o-XYLENE	43	56	12	ND
TOLUENE	2.7	1.8	0.5	ND
TOTAL VOCS	**616.69**	**282.74**	**81.96**	**ND**

CMW-32	13-15'	39-41'
BENZENE	32	ND
ETHYL BENZENE	150	ND
m/p-XYLENE	390	ND
o-XYLENE	150	ND
TOLUENE	17	ND
TOTAL VOCS	**772**	**0.0083**

SB-76	8-10'	11-13'	DUP'
ACETONE	0.0177	0.21	0.0812
TOTAL VOCS	**0.0191**	**0.2671**	**0.0827**

SB-41	13-15'	DUP'	33-35'
BENZENE	6.8	10	ND
ETHYL BENZENE	12	16	ND
m/p-XYLENE	2.9	3.8	ND
o-XYLENE	6.7	8	ND
TOTAL VOCS	**33.2**	**43.4**	**ND**

MW-23	21-23'	39-41'
ETHYL BENZENE	8.6	0.0017
m/p-XYLENE	6	ND
o-XYLENE	2.3	ND
TOTAL VOCS	**19.3**	**0.0058**

SB-39	13-15'	35-37'
BENZENE	13	ND
ETHYL BENZENE	47	ND
o-XYLENE	6.5	ND
TOTAL VOCS	**72.7**	**ND**

MW-25	13-15'	31-33'	43-45'	53-55'
ETHYL BENZENE	0.54	2.8	0.41	ND
m/p-XYLENE	0.034	1.3	ND	ND
o-XYLENE	0.084	2	0.24	ND
TOTAL VOCS	**1.178**	**7.2**	**0.94**	**ND**

TP-13S	4'
ACETONE	0.051
BENZENE	0.11
ETHYL BENZENE	5.7
m/p-XYLENES	3.1
o-XYLENE	3.9
TOTAL VOCS	**15.248**

SB-40	15-17'	39-41'
ETHYL BENZENE	1.2	ND
TOTAL VOCS	**1.55**	**ND**

SB-25	13-18'	28-33'	33-38'
BENZENE	0.4	40	ND
ETHYL BENZENE	65	760	ND
m/p-XYLENE	1.1	230	ND
o-XYLENE	4.9	280	ND
TOLUENE	ND	4.7	ND
TOTAL VOCS	**86.28**	**1375.69**	**ND**

TP-15	5.5'	5'
ACETONE	0.44	ND
TOTAL VOCS	**0.659**	**ND**

SB-17	13-18'	28-33'
BENZENE	2	ND
ETHYL BENZENE	38	ND
m/p-XYLENE	8.5	ND
o-XYLENE	12	ND
TOTAL VOCS	**92.3**	**0.033**

MW-26	12-14'	22-24'	26-28'
ETHYL BENZENE	ND	4	ND
TOTAL VOCS	**0.78**	**9.5**	**0.0086**

TP-11	7-8'
o-XYLENE	0.29
TOTAL VOCS	**1.0572**

SB-45	13-15'	27-29'	43-45'
ETHYL BENZENE	4.6	7.4	ND
m/p-XYLENE	ND	3.9	ND
o-XYLENE	ND	4.5	ND
TOTAL VOCS	**10.9**	**15.8**	**0.0093**

MW-15	14-16'	28-30'
ETHYL BENZENE	9.6	ND
o-XYLENE	1.3	ND
TOTAL VOCS	**16.75**	**ND**

SB-19	13-18'	28-33'
ETHYL BENZENE	78	ND
m/p-XYLENE	12	ND
o-XYLENE	9.3	ND
TOTAL VOCS	**105.93**	**0.0083**

MW-14	14-16'	24-26'
ETHYL BENZENE	150	ND
m/p-XYLENE	2.4	ND
o-XYLENE	19	ND
TOTAL VOCS	**190.74**	**ND**

SB-42	14-16'	DUP'	22-24'	34-36'
BENZENE	1.5	ND	2.8	ND
ETHYL BENZENE	31	46	9	ND
o-XYLENE	2.6	3.6	2.1	ND
TOTAL VOCS	**38.7**	**54.8**	**15.9**	**ND**

LEGEND:

- SITE CHARACTERIZATION MONITORING WELL LOCATIONS
- SITE CHARACTERIZATION SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- REMEDIAL INVESTIGATION MONITORING WELL LOCATIONS
- REMEDIAL INVESTIGATION SOIL BORING LOCATIONS
- REMEDIAL INVESTIGATION SOIL GAS LOCATIONS
- HOLDER STATION (PARCEL 3) MONITORING WELL LOCATION
- NAPL OBSERVED DURING INSTALLATION
- TAX PARCEL BOUNDARY (NOTE 8)
- PARCEL 1
- PARCEL 2

NOTES:

1. ALL CONCENTRATIONS ARE IN PARTS PER MILLION (PPM).
2. GREY SHADED VALUES EXCEED 6 NYCRR PART 375 UNRESTRICED SOIL CLEANUP OBJECTIVES.
3. ORANGE SHADED VALUES EXCEED 6 NYCRR PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES.
4. YELLOW SHADED VALUES EXCEED 6 NYCRR PART 375 COMMERCIAL CLEANUP OBJECTIVES.
5. ANALYTICAL RESULTS DETAILED ONLY FOR LOCATIONS WHERE EXCEEDANCES OF APPLICABLE SOIL CLEANUP OBJECTIVES ARE DETAILED.
6. ND = NOT DETECTED ABOVE LABORATORY DETECTION LIMITS.
7. SOIL SAMPLES WERE NOT COLLECTED FROM SB-20.
8. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
9. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

80 40 0 80 160

SCALE: 1"=80'

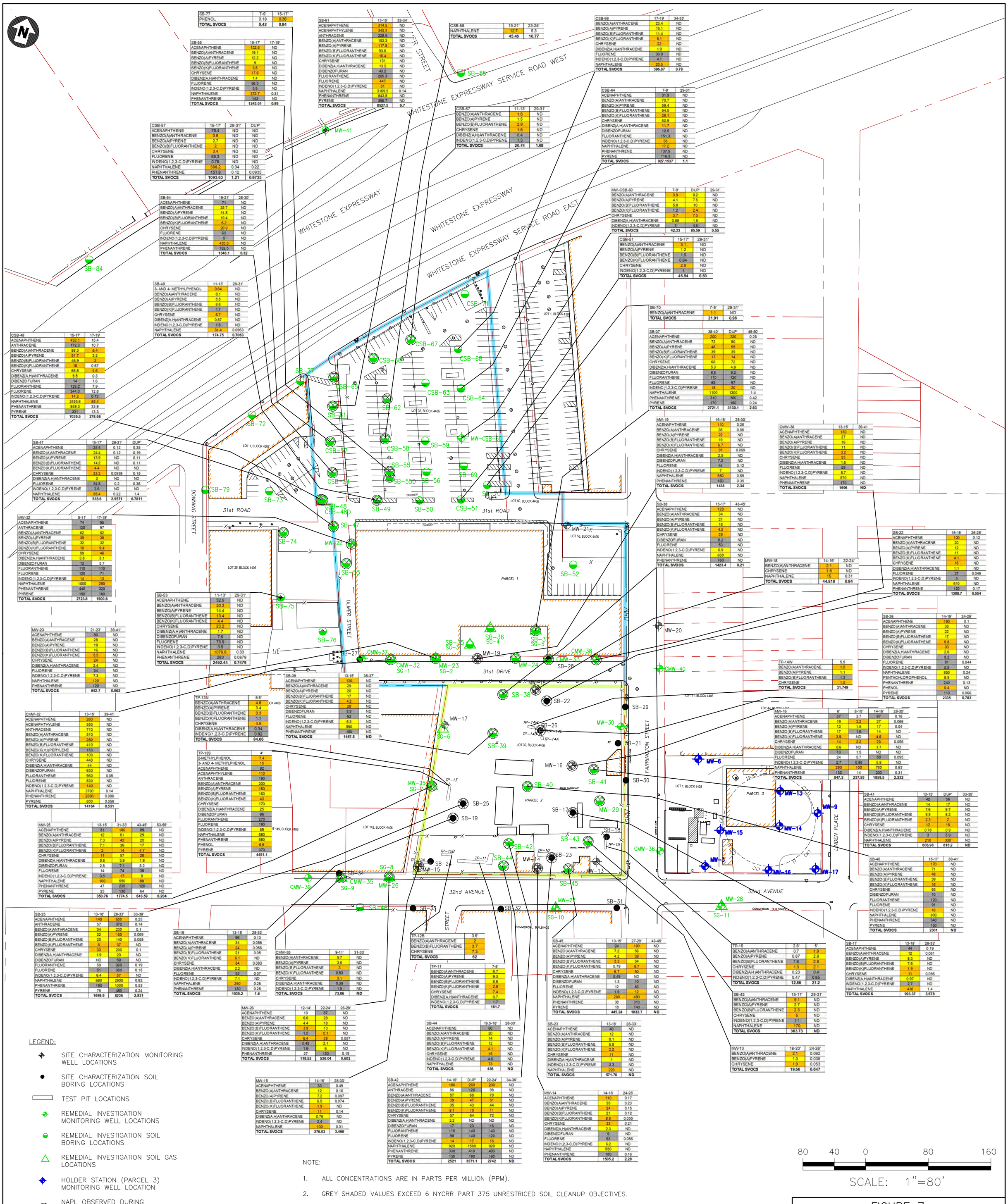
FILE NAME: S:\CONED\446109 - FARRINGTON ST MGP\CAD\446109-SK001-ALLFIGS.DWG
PLOT DATE: 8/24/2026 10:32 AM PLOTTED BY: SOTELO, RAUL [NN-US]

FIGURE 6

CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

VOC EXCEEDANCES IN SOIL

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



SB-77	7-9'	15-17'
PHENOL	0.18	0.36
TOTAL SVOCS	**0.42**	**0.84**

SB-55	15-17'	17-19'
ACENAPHTHENE	122.5	ND
BENZO(A)ANTHRACENE	19.1	ND
BENZO(A)PYRENE	12.2	ND
BENZO(B)FLUORANTHENE	9	ND
BENZO(K)FLUORANTHENE	3.5	ND
CHRYSENE	17.6	ND
DIBENZ(A,H)ANTHRACENE	1.4	ND
FLUORENE	66.5	ND
INDENO(1,2,3-C,D)PYRENE	3.5	ND
NAPHTHALENE	372.7	0.31
PHENANTHRENE	143	ND
TOTAL SVOCS	**1243.01**	**0.98**

SB-61	13-15'	32-34'
ACENAPHTHENE	314.5	ND
ACENAPHTHYLENE	343.3	ND
ANTHRACENE	228.5	ND
BENZO(A)ANTHRACENE	153.3	ND
BENZO(A)PYRENE	117.5	ND
BENZO(B)FLUORANTHENE	93.6	ND
BENZO(K)FLUORANTHENE	16.4	ND
CHRYSENE	131	ND
DIBENZ(A,H)ANTHRACENE	13.2	ND
DIBENZOFURAN	43.2	ND
FLUORANTHENE	265.3	ND
FLUORENE	447	ND
INDENO(1,2,3-C,D)PYRENE	31	ND
NAPHTHALENE	3189.9	0.14
PHENANTHRENE	843.5	ND
PYRENE	396.7	ND
TOTAL SVOCS	**8527.5**	**0.7**

CSB-58	19-21'	23-25'
NAPHTHALENE	12.7	5.3
TOTAL SVOCS	**45.46**	**10.77**

CSB-68	17-19'	34-35'
BENZO(A)ANTHRACENE	23.4	ND
BENZO(A)PYRENE	15.1	ND
BENZO(B)FLUORANTHENE	11.4	ND
BENZO(K)FLUORANTHENE	5.1	ND
CHRYSENE	22	ND
DIBENZ(A,H)ANTHRACENE	1.9	ND
FLUORENE	30.9	ND
INDENO(1,2,3-C,D)PYRENE	4.1	ND
NAPHTHALENE	20.5	ND
TOTAL SVOCS	**396.07**	**0.78**

CSB-67	11-13'	29-31'
BENZO(A)ANTHRACENE	1.6	ND
BENZO(A)PYRENE	1.5	ND
BENZO(B)FLUORANTHENE	2.9	ND
CHRYSENE	1.6	ND
DIBENZ(AH)ANTHRACENE	0.4	ND
INDENO(1,2,3-C,D)PYRENE	1.3	ND
TOTAL SVOCS	**20.74**	**1.68**

CSB-64	7-9'	29-31'
ACENAPHTHENE	31.9	ND
BENZO(A)ANTHRACENE	70.7	ND
BENZO(A)PYRENE	59.4	ND
BENZO(B)FLUORANTHENE	64.5	ND
BENZO(K)FLUORANTHENE	26.1	ND
CHRYSENE	60.9	ND
DIBENZ(A,H)ANTHRACENE	11.7	ND
DIBENZOFURAN	12.5	ND
FLUORANTHENE	151.3	ND
INDENO(1,2,3-C,D)PYRENE	33	ND
NAPHTHALENE	17.2	ND
PHENANTHRENE	137.5	ND
PYRENE	116.3	ND
TOTAL SVOCS	**927.1537**	**1.1**

CSB-57	15-17'	29-31'	DUP'
ACENAPHTHENE	78.4	ND	ND
BENZO(A)ANTHRACENE	3.8	ND	ND
BENZO(A)PYRENE	2.7	ND	ND
BENZO(B)FLUORANTHENE	2	ND	ND
CHRYSENE	3.4	ND	ND
FLUORENE	65.3	ND	ND
INDENO(1,2,3-C,D)PYRENE	0.78	ND	ND
NAPHTHALENE	398.2	0.34	0.22
PHENANTHRENE	151.8	0.12	0.0935
TOTAL SVOCS	**1093.63**	**1.21**	**0.9735**

SB-54	19-21'	28-30'
ACENAPHTHENE	71	ND
BENZO(A)ANTHRACENE	25.7	ND
BENZO(A)PYRENE	14.8	ND
BENZO(B)FLUORANTHENE	10.4	ND
BENZO(K)FLUORANTHENE	6.2	ND
CHRYSENE	20.9	ND
FLUORENE	62	ND
INDENO(1,2,3-C,D)PYRENE	5	ND
NAPHTHALENE	435.3	ND
PHENANTHRENE	182.5	ND
TOTAL SVOCS	**1346.1**	**0.32**

MW-CSB-60	7-9'	DUP'	29-31'
BENZO(A)ANTHRACENE	3.9	8.2	ND
BENZO(A)PYRENE	4.1	7.5	ND
BENZO(B)FLUORANTHENE	5.8	10	ND
BENZO(K)FLUORANTHENE	1.2	2.4	ND
CHRYSENE	3.7	7.5	ND
DIBENZ(A,H)ANTHRACENE	0.88	1.5	ND
INDENO(1,2,3-C,D)PYRENE	3	4.6	ND
TOTAL SVOCS	**42.33**	**85.59**	**0.55**

CSB-61	15-17'	29-31'
BENZO(A)ANTHRACENE	3.1	ND
BENZO(A)PYRENE	1.2	ND
BENZO(B)FLUORANTHENE	1.6	ND
BENZO(K)FLUORANTHENE	0.94	ND
CHRYSENE	2.6	ND
INDENO(1,2,3-C,D)PYRENE	1	ND
TOTAL SVOCS	**45.54**	**0.53**

SB-49	11-13'	29-31'
3- AND 4- METHYLPHENOL	0.64	ND
BENZO(A)ANTHRACENE	8.1	ND
BENZO(A)PYRENE	5.5	ND
BENZO(B)FLUORANTHENE	6.8	ND
BENZO(K)FLUORANTHENE	1.7	ND
CHRYSENE	6.7	ND
DIBENZ(A,H)ANTHRACENE	0.87	ND
INDENO(1,2,3-C,D)PYRENE	1.6	ND
NAPHTHALENE	31.4	0.0963
TOTAL SVOCS	**174.75**	**0.7063**

SB-70	7-9'	29-31'
BENZO(A)ANTHRACENE	1.1	ND
TOTAL SVOCS	**21.91**	**0.96**

SB-37	38-40'	DUP'	48-50'
ACENAPHTHENE	200	220	0.25
BENZO(A)ANTHRACENE	72	80	ND
BENZO(A)PYRENE	48	55	ND
BENZO(B)FLUORANTHENE	39	39	ND
BENZO(K)FLUORANTHENE	13	14	ND
CHRYSENE	66	72	ND
DIBENZ(A,H)ANTHRACENE	5.3	4.9	ND
DIBENZOFURAN	6.8	9.2	ND
FLUORANTHENE	110	120	ND
FLUORENE	85	97	ND
INDENO(1,2,3-C,D)PYRENE	18	20	ND
NAPHTHALENE	1100	1300	1.4
PHENANTHRENE	310	360	0.42
PYRENE	170	180	0.24
TOTAL SVOCS	**2721.1**	**3130.1**	**2.63**

CSB-48	15-17'	17-19'
ACENAPHTHENE	432.1	15.4
ANTHRACENE	172.3	10.7
BENZO(A)ANTHRACENE	86.3	5.4
BENZO(A)PYRENE	51.7	3.3
BENZO(B)FLUORANTHENE	46.9	3
BENZO(K)FLUORANTHENE	15	0.67
CHRYSENE	66.8	4.6
DIBENZ(A,H)ANTHRACENE	5.5	0.3
DIBENZOFURAN	14	1.6
FLUORANTHENE	128.2	7.9
FLUORENE	344.3	12.8
INDENO(1,2,3-C,D)PYRENE	14.2	0.73
NAPHTHALENE	2453.6	89.4
PHENANTHRENE	859.3	33.9
PYRENE	331	13.3
TOTAL SVOCS	**7039.5**	**278.66**

MW-19	16-18'	28-30'
ACENAPHTHENE	110	0.26
BENZO(A)ANTHRACENE	35	0.06
BENZO(A)PYRENE	22	ND
BENZO(B)FLUORANTHENE	19	ND
BENZO(K)FLUORANTHENE	6.7	ND
CHRYSENE	31	0.059
DIBENZ(A,H)ANTHRACENE	2.5	ND
DIBENZOFURAN	7.2	ND
FLUORENE	44	0.12
INDENO(1,2,3-C,D)PYRENE	7	ND
NAPHTHALENE	580	0.69
PHENANTHRENE	160	0.35
TOTAL SVOCS	**1436**	**2.34**

CMW-38	13-15'	39-41
ACENAPHTHENE	130	ND
BENZO(A)ANTHRACENE	27	ND
BENZO(A)PYRENE	16	ND
BENZO(B)FLUORANTHENE	11	ND
BENZO(K)FLUORANTHENE	3.2	ND
CHRYSENE	25	ND
DIBENZ(A,H)ANTHRACENE	1.6	ND
FLUORENE	59	ND
INDENO(1,2,3-C,D)PYRENE	6.7	ND
NAPHTHALENE	570	ND
PHENANTHRENE	170	ND
TOTAL SVOCS	**1696**	**ND**

SB-47	15-17'	29-31'	DUP'
ACENAPHTHENE	24.4	0.12	0.35
BENZO(A)ANTHRACENE	24.4	0.12	0.19
BENZO(A)PYRENE	13.9	ND	0.11
BENZO(B)FLUORANTHENE	14.2	ND	0.11
BENZO(K)FLUORANTHENE	4.4	ND	ND
CHRYSENE	23.2	0.0939	0.15
DIBENZ(A,H)ANTHRACENE	2	ND	ND
FLUORENE	34.8	0.2	0.36
INDENO(1,2,3-C,D)PYRENE	3.6	ND	ND
NAPHTHALENE	85.4	0.22	1.4
TOTAL SVOCS	**535.6**	**2.9571**	**6.7811**

SB-38	15-17'	43-45'
ACENAPHTHENE	120	ND
BENZO(A)ANTHRACENE	34	ND
BENZO(A)PYRENE	21	ND
BENZO(B)FLUORANTHENE	18	ND
BENZO(K)FLUORANTHENE	4.5	ND
CHRYSENE	29	ND
DIBENZOFURAN	8.2	ND
FLUORENE	53	ND
INDENO(1,2,3-C,D)PYRENE	6.9	ND
NAPHTHALENE	600	ND
PHENANTHRENE	160	ND
TOTAL SVOCS	**1423.4**	**0.21**

MW-18	14-16'	22-24'
BENZO(A)ANTHRACENE	2.1	ND
CHRYSENE	1.8	ND
NAPHTHALENE	15	0.31
TOTAL SVOCS	**44.818**	**0.84**

SB-22	16-18'	26-28'
ACENAPHTHENE	100	0.12
BENZO(A)ANTHRACENE	20	ND
BENZO(A)PYRENE	12	ND
BENZO(B)FLUORANTHENE	11	ND
BENZO(K)FLUORANTHENE	4.1	ND
CHRYSENE	18	ND
DIBENZ(A,H)ANTHRACENE	1.1	ND
FLUORENE	37	0.046
INDENO(1,2,3-C,D)PYRENE	3	ND
NAPHTHALENE	610	ND
PHENANTHRENE	120	0.17
TOTAL SVOCS	**1388.7**	**0.554**

MW-23	21-23'	39-41'
ACENAPHTHENE	80	ND
BENZO(A)ANTHRACENE	28	ND
BENZO(A)PYRENE	19	ND
BENZO(B)FLUORANTHENE	16	ND
BENZO(K)FLUORANTHENE	5.5	ND
CHRYSENE	24	ND
DIBENZ(A,H)ANTHRACENE	2.4	ND
FLUORENE	34	ND
INDENO(1,2,3-C,D)PYRENE	7.3	ND
NAPHTHALENE	120	ND
PHENANTHRENE	120	ND
TOTAL SVOCS	**652.7**	**0.062**

SB-53	11-13'	29-31'
ACENAPHTHENE	32.5	ND
BENZO(A)ANTHRACENE	30.3	ND
BENZO(A)PYRENE	14.4	ND
BENZO(B)FLUORANTHENE	13.4	ND
BENZO(K)FLUORANTHENE	4.4	ND
CHRYSENE	23.2	ND
DIBENZ(A,H)ANTHRACENE	1.7	ND
DIBENZOFURAN	7.5	ND
FLUORENE	78.9	ND
INDENO(1,2,3-C,D)PYRENE	3.6	ND
NAPHTHALENE	1079.6	0.33
PHENANTHRENE	283	0.0879
TOTAL SVOCS	**2462.44**	**0.7479**

SB-26	14-16'	24-26'
ACENAPHTHENE	180	0.1
BENZO(A)ANTHRACENE	35	ND
BENZO(A)PYRENE	22	ND
BENZO(B)FLUORANTHENE	17	ND
BENZO(K)FLUORANTHENE	6.8	ND
CHRYSENE	33	ND
DIBENZ(A,H)ANTHRACENE	2.6	ND
DIBENZOFURAN	9.2	ND
FLUORENE	81	0.044
INDENO(1,2,3-C,D)PYRENE	5.5	ND
NAPHTHALENE	850	0.24
PENTACHLOROPHENOL	8.9	ND
PHENANTHRENE	240	0.13
PHENOL	0.4	ND
PYRENE	110	0.066
TOTAL SVOCS	**2335**	**0.783**

TP-14W	5.5
BENZO(A)ANTHRACENE	1.5
BENZO(A)PYRENE	1.1
BENZO(B)FLUORANTHENE	1.3
CHRYSENE	1.5
TOTAL SVOCS	**31.749**

TP-13N	5.5'
BENZO(A)ANTHRACENE	4.6
BENZO(A)PYRENE	3.4
BENZO(B)FLUORANTHENE	3.3
BENZO(K)FLUORANTHENE	1.1
CHRYSENE	4.5
DIBENZ(A,H)ANTHRACENE	0.34
INDENO(1,2,3-C,D)PYRENE	0.82
TOTAL SVOCS	**84.66**

SB-39	13-15'	35-37'
ACENAPHTHENE	130	ND
BENZO(A)ANTHRACENE	29	ND
BENZO(A)PYRENE	20	ND
BENZO(B)FLUORANTHENE	17	ND
BENZO(K)FLUORANTHENE	4.2	ND
CHRYSENE	28	ND
DIBENZOFURAN	8.9	ND
FLUORENE	62	ND
INDENO(1,2,3-C,D)PYRENE	6.3	ND
NAPHTHALENE	590	ND
PHENANTHRENE	180	ND
TOTAL SVOCS	**1467.8**	**ND**

CSB-51	15-17'	29-31'
BENZO(A)ANTHRACENE	3.1	ND
BENZO(A)PYRENE	1.2	ND
BENZO(B)FLUORANTHENE	1.6	ND
BENZO(K)FLUORANTHENE	0.94	ND
CHRYSENE	2.6	ND
INDENO(1,2,3-C,D)PYRENE	1	ND
TOTAL SVOCS	**45.54**	**0.53**

MW-16	6'	8-10'	14-16'	28-30'
ACENAPHTHENE	37	3.7	87	0.16
BENZO(A)ANTHRACENE	19	2.2	27	0.066
BENZO(A)PYRENE	12	1.5	17	0.04
BENZO(B)FLUORANTHENE	17	1.6	14	ND
BENZO(K)FLUORANTHENE	3.9	ND	4.6	ND
CHRYSENE	14	2.2	23	0.056
DIBENZ(A,H)ANTHRACENE	0.6	ND	1.7	ND
DIBENZOFURAN	13	1.5	ND	ND
FLUORENE	24	5.7	50	0.095
INDENO(1,2,3-C,D)PYRENE	2.7	0.85	5.9	ND
NAPHTHALENE	290	100	780	0.63
PHENANTHRENE	130	14	200	0.31
TOTAL SVOCS	**847.2**	**237.55**	**1859.5**	**2.232**

SB-41	13-15'	DUP'	33-35'
ACENAPHTHENE	42	56	ND
BENZO(A)ANTHRACENE	14	17	ND
BENZO(A)PYRENE	7.6	9.7	ND
BENZO(B)FLUORANTHENE	5.9	8.2	ND
BENZO(K)FLUORANTHENE	2.3	2	ND
CHRYSENE	12	15	ND
DIBENZ(A,H)ANTHRACENE	0.78	0.9	ND
INDENO(1,2,3-C,D)PYRENE	3	3.9	ND
NAPHTHALENE	210	330	ND
TOTAL SVOCS	**606.98**	**818.2**	**ND**

SB-40	15-17'	39-41'
ACENAPHTHENE	170	ND
BENZO(A)ANTHRACENE	71	ND
BENZO(A)PYRENE	48	ND
BENZO(B)FLUORANTHENE	39	ND
BENZO(K)FLUORANTHENE	16	ND
CHRYSENE	65	ND
DIBENZOFURAN	10	ND
FLUORANTHENE	120	ND
FLUORENE	91	ND
INDENO(1,2,3-C,D)PYRENE	16	ND
NAPHTHALENE	800	ND
PHENANTHRENE	340	ND
PYRENE	150	ND
TOTAL SVOCS	**2301**	**ND**

MW-25	13-15'	31-33'	43-45'	53-55'
ACENAPHTHENE	31	180	89	ND
BENZO(A)ANTHRACENE	12	61	29	ND
BENZO(A)PYRENE	7.3	42	20	ND
BENZO(B)FLUORANTHENE	7.1	36	17	ND
BENZO(K)FLUORANTHENE	2	14	4.7	ND
CHRYSENE	11	57	26	ND
DIBENZ(A,H)ANTHRACENE	0.8	3.9	1.9	ND
DIBENZOFURAN	2.8	7.1	5.2	ND
FLUORENE	14	74	35	ND
INDENO(1,2,3-C,D)PYRENE	3.5	17	8	ND
NAPHTHALENE	100	550	88	ND
PHENANTHRENE	47	230	120	ND
PYRENE	25	130	64	ND
TOTAL SVOCS	**350.76**	**1774.5**	**643.59**	**0.204**

MW-22	9-11'	17-19'
ACENAPHTHENE	74	95
ANTHRACENE	120	97
BENZO(A)ANTHRACENE	62	52
BENZO(A)PYRENE	38	38
BENZO(B)FLUORANTHENE	32	32
BENZO(K)FLUORANTHENE	10	9.4
CHRYSENE	59	46
DIBENZ(A,H)ANTHRACENE	3.8	3.1
DIBENZOFURAN	13	5.7
FLUORANTHENE	110	110
FLUORENE	120	71
INDENO(1,2,3-C,D)PYRENE	14	13
NAPHTHALENE	1000	250
PHENANTHRENE	440	320
PYRENE	190	180
TOTAL SVOCS	**2723.8**	**1500.8**

CMW-32	13-15'	39-41'
ACENAPHTHENE	260	ND
ACENAPHTHYLENE	550	ND
ANTHRACENE	710	ND
BENZO(A)ANTHRACENE	510	ND
BENZO(A)PYRENE	280	ND
BENZO(B)FLUORANTHENE	410	ND
BENZO(G,H,I)PERYLENE	110	ND
BENZO(K)FLUORANTHENE	100	ND
CHRYSENE	440	ND
DIBENZ(A,H)ANTHRACENE	44	ND
DIBENZOFURAN	630	ND
FLUORANTHENE	960	0.05
FLUORENE	830	ND
INDENO(1,2,3-C,D)PYRENE	140	ND
NAPHTHALENE	3700	0.14
PHENANTHRENE	2000	0.096
PYRENE	800	0.058
TOTAL SVOCS	**14164**	**0.531**

TP-13S	4'
2-METHYLPHENOL	7.4
3- AND 4- METHYLPHENOL	15
ACENAPHTHENE	82
ACENAPHTHYLENE	110
ANTHRACENE	190
BENZO(A)ANTHRACENE	200
BENZO(A)PYRENE	160
BENZO(B)FLUORANTHENE	160
BENZO(K)FLUORANTHENE	43
CHRYSENE	170
DIBENZ(A,H)ANTHRACENE	26
DIBENZOFURAN	96
FLUORANTHENE	270
FLUORENE	190
INDENO(1,2,3-C,D)PYRENE	59
NAPHTHALENE	680
PHENANTHRENE	580
PHENOL	6.6
PYRENE	370
TOTAL SVOCS	**4451.1**

SB-25	13-18'	28-33'	33-38'
ACENAPHTHENE	140	650	0.25
ANTHRACENE	57	370	0.14
BENZO(A)ANTHRACENE	34	230	0.1
BENZO(A)PYRENE	22	150	0.069
BENZO(B)FLUORANTHENE	20	140	0.058
BENZO(K)FLUORANTHENE	6	37	ND
CHRYSENE	33	230	0.1
DIBENZ(A,H)ANTHRACENE	1.9	20	ND
DIBENZOFURAN	ND	59	ND
FLUORANTHENE	59	360	0.19
FLUORENE	61	360	0.15
INDENO(1,2,3-C,D)PYRENE	6.4	57	ND
NAPHTHALENE	680	2900	0.62
PHENANTHRENE	180	1000	0.53
PYRENE	76	480	0.24
TOTAL SVOCS	**1689.9**	**8236**	**2.831**

SB-19	13-18'	28-33'
ACENAPHTHENE	96	0.13
BENZO(A)ANTHRACENE	34	0.086
BENZO(A)PYRENE	24	0.056
BENZO(B)FLUORANTHENE	21	0.05
BENZO(K)FLUORANTHENE	6.1	ND
CHRYSENE	34	0.083
DIBENZ(A,H)ANTHRACENE	2.2	ND
FLUORENE	42	0.07
INDENO(1,2,3-C,D)PYRENE	7.1	ND
NAPHTHALENE	290	0.28
PHENANTHRENE	130	0.28
TOTAL SVOCS	**1035.2**	**1.6**

CMW-35	9-11'	31-33'
BENZO(A)ANTHRACENE	5.7	ND
BENZO(A)PYRENE	3.5	ND
BENZO(B)FLUORANTHENE	3	ND
BENZO(K)FLUORANTHENE	0.83	ND
CHRYSENE	5.1	ND
DIBENZ(A,H)ANTHRACENE	0.39	ND
INDENO(1,2,3-C,D)PYRENE	1.5	ND
TOTAL SVOCS	**73.86**	**ND**

TP-12B	3.5'
BENZO(A)ANTHRACENE	2
BENZO(B)FLUORANTHENE	3.7
CHRYSENE	7.3
TOTAL SVOCS	**62**

TP-11	7-8'
BENZO(A)ANTHRACENE	6.7
BENZO(A)PYRENE	9.3
BENZO(B)FLUORANTHENE	8.8
BENZO(K)FLUORANTHENE	2.8
CHRYSENE	7.4
DIBENZ(A,H)ANTHRACENE	0.7
INDENO(1,2,3-C,D)PYRENE	1.7
TOTAL SVOCS	**161.7**

SB-45	13-15'	27-29'	43-45'
ACENAPHTHENE	24	180	ND
BENZO(A)ANTHRACENE	7.2	56	ND
BENZO(A)PYRENE	4.2	39	ND
BENZO(B)FLUORANTHENE	3.3	34	ND
BENZO(K)FLUORANTHENE	0.79	8.7	ND
CHRYSENE	6.7	50	ND
DIBENZ(A,H)ANTHRACENE	0.49	ND	ND
DIBENZOFURAN	1.3	10	ND
FLUORENE	12	83	ND
INDENO(1,2,3-C,D)PYRENE	1.9	12	ND
NAPHTHALENE	200	490	ND
PHENANTHRENE	38	310	ND
PYRENE	18	140	ND
TOTAL SVOCS	**445.24**	**1832.7**	**ND**

TP-15	2.8'	5'
BENZO(A)ANTHRACENE	0.7	1.9
BENZO(A)PYRENE	0.87	2.8
BENZO(B)FLUORANTHENE	1.6	2.8
CHRYSENE	1.3	2.1
DIBENZ(A,H)ANTHRACENE	0.23	0.4
INDENO(1,2,3-C,D)PYRENE	0.47	0.85
TOTAL SVOCS	**12.86**	**21.2**

SB-17	13-18'	28-33'
ACENAPHTHENE	44	0.19
BENZO(A)ANTHRACENE	12	0.061
BENZO(A)PYRENE	8.3	ND
BENZO(B)FLUORANTHENE	7.6	ND
BENZO(K)FLUORANTHENE	1.9	ND
CHRYSENE	11	0.056
DIBENZ(A,H)ANTHRACENE	2.7	ND
INDENO(1,2,3-C,D)PYRENE	2.7	ND
NAPHTHALENE	430	1.4
TOTAL SVOCS	**993.37**	**3.678**

SB-43	15-17'	29-31'
BENZO(A)ANTHRACENE	5.1	ND
BENZO(A)PYRENE	2.7	ND
BENZO(B)FLUORANTHENE	2.3	ND
CHRYSENE	5	ND
INDENO(1,2,3-C,D)PYRENE	1.1	ND
NAPHTHALENE	170	ND
TOTAL SVOCS	**363.73**	**ND**

MW-13	18-20'	24-26'
BENZO(A)ANTHRACENE	2.1	0.062
BENZO(A)PYRENE	1.3	0.039
CHRYSENE	1.8	0.053
TOTAL SVOCS	**19.66**	**0.647**

MW-15	14-16'	28-30'
ACENAPHTHENE	33	0.49
BENZO(A)ANTHRACENE	12	0.16
BENZO(A)PYRENE	7.2	0.097
BENZO(B)FLUORANTHENE	6.5	0.074
BENZO(K)FLUORANTHENE	1.9	ND
CHRYSENE	11	0.14
DIBENZ(A,H)ANTHRACENE	0.76	ND
INDENO(1,2,3-C,D)PYRENE	2.4	ND
NAPHTHALENE	100	0.31
TOTAL SVOCS	**376.03**	**3.496**

MW-26	12-14'	22-24'	26-28'
ACENAPHTHENE	19	87	ND
BENZO(A)ANTHRACENE	6.6	28	ND
BENZO(A)PYRENE	4.4	18	ND
BENZO(B)FLUORANTHENE	3.9	13	ND
BENZO(K)FLUORANTHENE	1.2	5.1	ND
CHRYSENE	6.4	28	0.057
DIBENZ(A,H)ANTHRACENE	0.45	2.1	ND
INDENO(1,2,3-C,D)PYRENE	1.6	6	ND
PHENANTHRENE	27	150	0.19
TOTAL SVOCS	**118.55**	**530.04**	**0.603**

SB-44	16.5-18'	28-30'
ACENAPHTHENE	60	ND
BENZO(A)ANTHRACENE	20	ND
BENZO(A)PYRENE	14	ND
BENZO(B)FLUORANTHENE	12	ND
BENZO(K)FLUORANTHENE	4.1	ND
CHRYSENE	19	ND
INDENO(1,2,3-C,D)PYRENE	4.6	ND
NAPHTHALENE	73	ND
TOTAL SVOCS	**436**	**ND**

SB-23	13-18'	28-33'
ACENAPHTHENE	40	ND
BENZO(A)ANTHRACENE	12	ND
BENZO(A)PYRENE	8.1	ND
BENZO(B)FLUORANTHENE	6.8	ND
BENZO(K)FLUORANTHENE	2.2	ND
CHRYSENE	11	ND
DIBENZ(A,H)ANTHRACENE	1	ND
INDENO(1,2,3-C,D)PYRENE	3.3	ND
NAPHTHALENE	220	ND
TOTAL SVOCS	**571.76**	**ND**

SB-42	14-16'	DUP'	22-24'	34-36'
ACENAPHTHENE	180	260	230	ND
ANTHRACENE	86	120	98	ND
BENZO(A)ANTHRACENE	57	68	78	ND
BENZO(A)PYRENE	39	47	51	ND
BENZO(B)FLUORANTHENE	35	43	44	ND
BENZO(K)FLUORANTHENE	9.1	10	11	ND
CHRYSENE	57	64	72	ND
DIBENZ(A,H)ANTHRACENE	3.3	ND	ND	ND
DIBENZOFURAN	17	23	16

NOTES

1. ALL CONCENTRATIONS ARE IN PARTS PER BILLION (ppb).
2. SHADED VALUES EXCEED NYSDEC GROUNDWATER QUALITY STANDARDS OR GUIDANCE VALUES (TOGS 1.1.1).
3. NO VOCs OR SVOCs WERE DETECTED ABOVE QUALITY STANDARDS OR GUIDANCE VALUES IN CMW-36, CMW-39, MW-27, MW-41, OR MW-CSB-60.
4. ONLY COMPOUNDS THAT EXCEED QUALITY STANDARDS OR GUIDANCE VALUES, FOR A GIVEN LOCATION, ARE SHOWN.
5. ND INDICATES COMPOUND WAS NOT DETECTED.
6. "J" INDICATES AN ESTIMATED CONCENTRATION.
7. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
8. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

MW-21	2009	2011	2015	2018
PHENOL	4.1	ND	ND	ND
TOTAL SVOCs	**6.5**	**ND**	**ND**	**2.3**

CMW-38	2011	2018
BENZENE	360	190
ETHYLBENZENE	320	51
ISOPROPYLBENZENE	54	57
TOTAL XYLENE	113	28
TERT-BUTYL-METHYL ETHER	17	ND
TOTAL VOCs	**886.3**	**343.3**
ACENAPHTHENE	180	110
BENZO(A)ANTHRACENE	17	ND
BENZO(B)FLUORANTHENE	8.6 J	ND
CHRYSENE	15	ND
FLUORENE	60	27
NAPHTHALENE	1800	150
PHENANTHRENE	120	18
TOTAL SVOCs	**2925.9**	**369.9**

MW-20	2009	2011	2015	2018
BENZENE	3.4 J	11	ND	520
CIS-1,2-DICHLOROETHENE	5.7	ND	ND	ND
TERT-BUTYL METHYL ETHER	24	12	ND	9.9
ISOPROPYLBENZENE	ND	ND	ND	13
TOTAL XYLENES	ND	ND	ND	12
TOTAL VOCs	**34.2**	**23**	**0.56**	**564.8**
ACENAPHTHENE	22	23	ND	36
PHENOL	1.7 J	ND	ND	3.3 J
TOTAL SVOCs	**26.4**	**23**	**ND**	**53.43**

CMW-40	2011	2015	2018
BENZENE	1400	0.55 J	4500
ETHYLBENZENE	4.4	ND	5.3 J
ISOPROPYLBENZENE	7.6	ND	25
TOTAL XYLENES	8.6 J	ND	20
TOTAL VOCs	**1426.7**	**3.86**	**4560.6**
ACENAPHTHENE	16	3.2	32
PHENOL	17	ND	44 J+
TOTAL SVOCs	**39.9**	**3.2**	**98.86**

MW-30	2011	2015	2018
BENZENE	2800	1.4 J	6100
ETHYLBENZENE	210 J	ND	76
ISOPROPYLBENZENE	80	1.1 J	69
TOTAL XYLENE	26	ND	84
TOLUENE	97	0.48 J	ND
TOTAL VOCs	**3211.3**	**14.66**	**6329**
ACENAPHTHENE	140	ND	83
NAPTHALENE	370	ND	100
PHENANTHRENE	55	3.2 J	ND
PHENOL	17	ND	51 J+
TOTAL SVOCs	**889.8**	**7.9**	**331.9**

CMW-37	2011	2015
BENZENE	3.9 J	4.6 J
TOTAL VOCs	**10.4**	**15.15**
NAPHTHALENE	23	31.7
TOTAL SVOCs	**34**	**54.4**

MW-19	2009	2011	2018
BENZENE	8.8	4.8 J	4.6
ETHYL BENZENE	310	100	74
ISOPROPYLBENZENE	45	25	35
TOTAL XYLENES	198	38.2 J	50
TOLUENE	8.2	ND	2.6
TOTAL VOCs	**592.1**	**183.9**	**191.84**
ACENAPHTHENE	94	70	88
NAPHTHALENE	3000	980	430
PENTACHLOROPHENOL	2.4 J	ND	ND
PHENOL	3 J	ND	ND
TOTAL SVOCs	**3469.8**	**1188.6**	**638.3**

MW-18	2009	2011
BENZENE	940	830
ETHYL BENZENE	170	150
ISOPROPYLBENZENE	75	33
m/p-XYLENES	16	22
o-XYLENE	32	20
TOTAL VOCs	**1256.5**	**1088.1**
ACENAPHTHENE	82	40
NAPHTHALENE	380	130
PHENOL	18	6.2 J
TOTAL SVOCs	**759.4**	**336.5**

MW-17	2009	2011	2015	DUP
BENZENE	9.9	ND	ND	ND
TERT-BUTYL METHYL ETHER	57	89	27.2	100
TOTAL VOCs	**73.2**	**89**	**27.49**	**100**
ACENAPHTHENE	23	17	17.1	17
NAPHTHALENE	11 J	ND	ND	ND
PHENOL	1.4 J	ND	ND	ND
TOTAL SVOCs	**73.3**	**35.2**	**17.1**	**30**

MW-25	2011	2015	2018
BENZENE	8.4	ND	2.5
ETHYL BENZENE	100	ND	ND
ISOPROPYLBENZENE	11	ND	ND
M,P-XYLENE	28	ND	ND
o-XYLENE	27	ND	ND
TERT-BUTYL METHYL ETHER	75	ND	ND
TOTAL VOCs	**256.6**	**4.69**	**2.5**
ACENAPHTHENE	52	ND	ND
NAPHTHALENE	42	ND	ND
TOTAL SVOCs	**183.9**	**ND**	**ND**

MW-15	2009	2011	2018
BENZENE	13	3.7 J	0.52
ETHYL BENZENE	94	25	8.4
ISOPROPYLBENZENE	24	5.2	2.4
TOTAL XYLENE	21.2	7.95	3.9
TOTAL VOCs	**161.1**	**47**	**15.77**
ACENAPHTHENE	130	100	76
BENZO(a)ANTHRACENE	1.6 J	23	2.1
BENZO(b)FLUORANTHENE	ND	13	1.2 J
CHRYSENE	1.5 J	20	2.1
INDENO(1,2,3-C,D)PYRENE	ND	4.5 J	ND
NAPHTHALENE	220	35	2.4
TOTAL SVOCs	**427.8**	**404.5**	**127.6**

MW-14	2009	DUP
BENZENE	2.8 J	2.9 J
CIS-1,2-DICHLOROETHENE	8.1	8.4
ETHYL BENZENE	90	120
ISOPROPYLBENZENE	14	15
o-XYLENE	25	25
VINYL CHLORIDE	2.4 J	1.2 J
TOTAL VOCs	**158.3**	**190.8**
2-METHYLPHENOL	ND	1.3 J
ACENAPHTHENE	9.2 J	110
BENZO(a)ANTHRACENE	ND	2.3 J
BENZO(b)FLUORANTHENE	ND	1.2 J
CHRYSENE	ND	2.2 J
NAPHTHALENE	21 J	650 J
PHENANTHRENE	2.1 J	53 J
PHENOL	ND	6.9J
TOTAL SVOCs	**42.6**	**1015.6**

MW-13	2009	2011	2015
ACENAPHTHLENE	89	ND	ND
BENZO(a)ANTHRACENE	1.8 J	ND	ND
CHRYSENE	1.7 J	ND	ND
NAPHTHLENE	510	ND	ND
PHENOL	5.2 J	ND	ND
TOTAL SVOCs	**809.1**	**ND**	**ND**

CMW-36	2018
TETRACHLOROETHYLENE (PCE)	45 J
TOTAL VOCs	**48.7**

MW-28	2011	2015	2018
TETRACHLOROETHYLENE (PCE)	17	29.9	190
TOTAL VOCs	**33.5**	**37.5**	**202**

MW-16	2009	2011	2015
BENZENE	2300	270	180
ETHYL BENZENE	250	78	13
ISOPROPYLBENZENE	110 J	27	14.3
m/p-XYLENES	67 J	8.6 J	2.4 J
o-XYLENE	170 J	28	5.3
TOLUENE	17 J	ND	0.74 J
TOTAL VOCs	**2933.4**	**439.1**	**221.69**
ACENAPHTHENE	180 J	57	50.8
NAPHTHALENE	1900	200	49.4
PENTACHLOROPHENOL	4.2 J	ND	ND
PHENOL	22	ND	ND
TOTAL SVOCs	**2681.1**	**414.1**	**140.2**

LEGEND:

- SITE CHARACTERIZATION MONITORING WELL LOCATIONS
- SITE CHARACTERIZATION SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- REMEDIAL INVESTIGATION MONITORING WELL LOCATIONS
- REMEDIAL INVESTIGATION SOIL BORING LOCATIONS
- REMEDIAL INVESTIGATION SOIL GAS LOCATIONS
- HOLDER STATION (PARCEL 3) MONITORING WELL LOCATION
- NAPL OBSERVED DURING INSTALLATION
- TAX PARCEL BOUNDARY (NOTE 7)
- PARCEL 1
- PARCEL 2

80 40 0 80 160

SCALE: 1"=80'

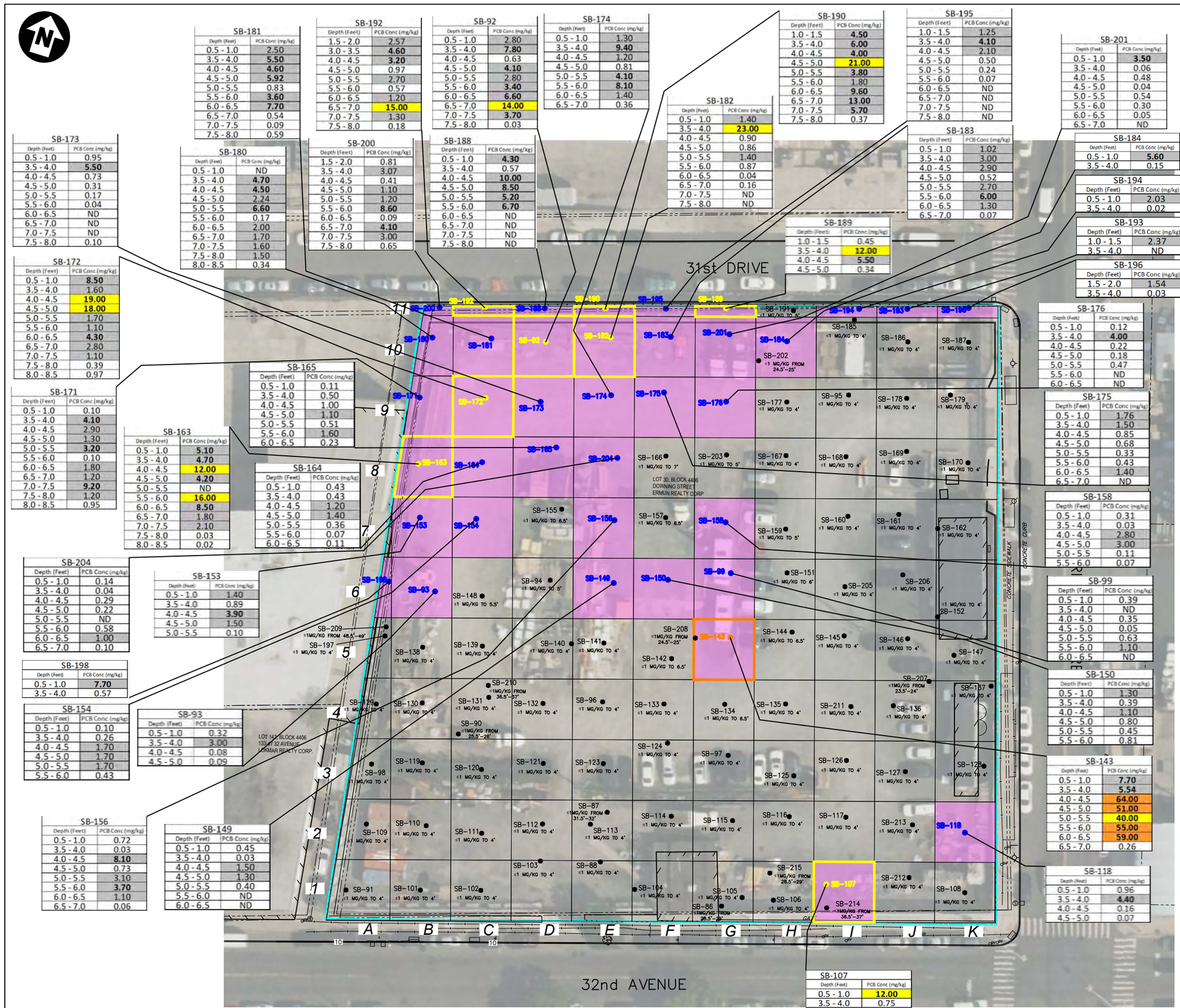
FILE NAME: S:\CONED\451356 - FARRINGTON MGP SRI\CAD\FIGURES\451356-SK002-TAGS.DWG
PLOT DATE: 8/24/2026 11:08 AM PLOTTED BY: SOTELO, RAUL [NN-US]

FIGURE 8

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
QUEENS, NEW YORK

VOC AND SVOC EXCEEDANCES IN GROUNDWATER

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



SB-181	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	2.50
3.5 - 4.0	**5.50**
4.0 - 4.5	**4.60**
4.5 - 5.0	**5.92**
5.0 - 5.5	0.83
5.5 - 6.0	**3.60**
6.0 - 6.5	**7.70**
6.5 - 7.0	0.54
7.0 - 7.5	0.09
7.5 - 8.0	0.59

SB-192	
Depth (Feet)	PCB Conc (mg/kg)
1.5 - 2.0	2.57
3.0 - 3.5	**4.60**
4.0 - 4.5	**3.20**
4.5 - 5.0	0.97
5.0 - 5.5	2.70
5.5 - 6.0	0.57
6.0 - 6.5	1.20
6.5 - 7.0	**15.00**
7.0 - 7.5	1.30
7.5 - 8.0	0.18

SB-92	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	2.80
3.5 - 4.0	**7.80**
4.0 - 4.5	0.63
4.5 - 5.0	**4.10**
5.0 - 5.5	2.80
5.5 - 6.0	**3.40**
6.0 - 6.5	**6.60**
6.5 - 7.0	**14.00**
7.0 - 7.5	**3.70**
7.5 - 8.0	0.03

SB-174	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	1.30
3.5 - 4.0	**9.40**
4.0 - 4.5	1.20
4.5 - 5.0	0.81
5.0 - 5.5	**4.10**
5.5 - 6.0	**8.10**
6.0 - 6.5	1.40
6.5 - 7.0	0.36

SB-190	
Depth (Feet)	PCB Conc (mg/kg)
1.0 - 1.5	**4.50**
3.5 - 4.0	**6.00**
4.0 - 4.5	**4.00**
4.5 - 5.0	**21.00**
5.0 - 5.5	**3.80**
5.5 - 6.0	1.80
6.0 - 6.5	**9.60**
6.5 - 7.0	**13.00**
7.0 - 7.5	**5.70**
7.5 - 8.0	0.37

SB-195	
Depth (Feet)	PCB Conc (mg/kg)
1.0 - 1.5	1.25
3.5 - 4.0	**4.10**
4.0 - 4.5	2.10
4.5 - 5.0	0.50
5.0 - 5.5	0.24
5.5 - 6.0	0.07
6.0 - 6.5	ND
6.5 - 7.0	ND
7.0 - 7.5	ND
7.5 - 8.0	ND

SB-201	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**3.50**
3.5 - 4.0	0.06
4.0 - 4.5	0.48
4.5 - 5.0	0.04
5.0 - 5.5	0.54
5.5 - 6.0	0.30
6.0 - 6.5	0.05
6.5 - 7.0	ND

SB-180	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	ND
3.5 - 4.0	**4.70**
4.0 - 4.5	**4.50**
4.5 - 5.0	2.24
5.0 - 5.5	**6.60**
5.5 - 6.0	0.17
6.0 - 6.5	2.00
6.5 - 7.0	1.70
7.0 - 7.5	1.60
7.5 - 8.0	1.50
8.0 - 8.5	0.34

SB-200	
Depth (Feet)	PCB Conc (mg/kg)
1.5 - 2.0	0.81
3.5 - 4.0	3.07
4.0 - 4.5	0.41
4.5 - 5.0	1.10
5.0 - 5.5	1.20
5.5 - 6.0	**8.60**
6.0 - 6.5	0.09
6.5 - 7.0	**4.10**
7.0 - 7.5	3.00
7.5 - 8.0	0.65

SB-188	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**4.30**
3.5 - 4.0	0.57
4.0 - 4.5	**10.00**
4.5 - 5.0	**8.50**
5.0 - 5.5	**5.20**
5.5 - 6.0	**6.70**
6.0 - 6.5	ND
6.5 - 7.0	ND
7.0 - 7.5	ND
7.5 - 8.0	ND

SB-182	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	1.40
3.5 - 4.0	**23.00**
4.0 - 4.5	0.90
4.5 - 5.0	0.86
5.0 - 5.5	1.40
5.5 - 6.0	0.87
6.0 - 6.5	0.04
6.5 - 7.0	0.16
7.0 - 7.5	ND
7.5 - 8.0	ND

SB-183	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	1.02
3.5 - 4.0	3.00
4.0 - 4.5	2.90
4.5 - 5.0	0.52
5.0 - 5.5	2.70
5.5 - 6.0	**6.00**
6.0 - 6.5	1.30
6.5 - 7.0	0.07

SB-184	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**5.60**
3.5 - 4.0	0.15

SB-173	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.95
3.5 - 4.0	**5.50**
4.0 - 4.5	0.73
4.5 - 5.0	0.31
5.0 - 5.5	0.17
5.5 - 6.0	0.04
6.0 - 6.5	ND
6.5 - 7.0	ND
7.0 - 7.5	ND
7.5 - 8.0	0.10

SB-189	
Depth (Feet)	PCB Conc (mg/kg)
1.0 - 1.5	0.45
3.5 - 4.0	**12.00**
4.0 - 4.5	**5.50**
4.5 - 5.0	0.34

SB-194	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	2.03
3.5 - 4.0	0.02

SB-193	
Depth (Feet)	PCB Conc (mg/kg)
1.0 - 1.5	2.37
3.5 - 4.0	ND

SB-172	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**8.50**
3.5 - 4.0	1.60
4.0 - 4.5	**19.00**
4.5 - 5.0	**18.00**
5.0 - 5.5	1.70
5.5 - 6.0	1.10
6.0 - 6.5	**4.30**
6.5 - 7.0	2.80
7.0 - 7.5	1.10
7.5 - 8.0	0.39
8.0 - 8.5	0.97

SB-196	
Depth (Feet)	PCB Conc (mg/kg)
1.5 - 2.0	1.54
3.5 - 4.0	0.03

SB-176	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.12
3.5 - 4.0	**4.00**
4.0 - 4.5	0.22
4.5 - 5.0	0.18
5.0 - 5.5	0.47
5.5 - 6.0	ND
6.0 - 6.5	ND

SB-165	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.11
3.5 - 4.0	0.50
4.0 - 4.5	1.00
4.5 - 5.0	1.10
5.0 - 5.5	0.51
5.5 - 6.0	1.60
6.0 - 6.5	0.23

SB-175	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	1.76
3.5 - 4.0	1.50
4.0 - 4.5	0.85
4.5 - 5.0	0.68
5.0 - 5.5	0.33
5.5 - 6.0	0.43
6.0 - 6.5	1.40
6.5 - 7.0	ND

SB-171	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.10
3.5 - 4.0	**4.10**
4.0 - 4.5	2.90
4.5 - 5.0	1.30
5.0 - 5.5	**3.20**
5.5 - 6.0	0.10
6.0 - 6.5	1.80
6.5 - 7.0	1.20
7.0 - 7.5	**9.20**
7.5 - 8.0	1.20
8.0 - 8.5	0.95

SB-163	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**5.10**
3.5 - 4.0	**4.70**
4.0 - 4.5	**12.00**
4.5 - 5.0	**4.20**
5.0 - 5.5	ND
5.5 - 6.0	**16.00**
6.0 - 6.5	**8.50**
6.5 - 7.0	1.80
7.0 - 7.5	2.10
7.5 - 8.0	0.03
8.0 - 8.5	0.02

SB-164	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.43
3.5 - 4.0	0.43
4.0 - 4.5	1.20
4.5 - 5.0	1.40
5.0 - 5.5	0.36
5.5 - 6.0	0.07
6.0 - 6.5	0.11

SB-158	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.31
3.5 - 4.0	0.03
4.0 - 4.5	2.80
4.5 - 5.0	3.00
5.0 - 5.5	0.11
5.5 - 6.0	0.07

SB-99	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.39
3.5 - 4.0	ND
4.0 - 4.5	0.35
4.5 - 5.0	0.05
5.0 - 5.5	0.63
5.5 - 6.0	1.10
6.0 - 6.5	ND

SB-204	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.14
3.5 - 4.0	0.04
4.0 - 4.5	0.29
4.5 - 5.0	0.22
5.0 - 5.5	ND
5.5 - 6.0	0.58
6.0 - 6.5	1.00
6.5 - 7.0	0.10

SB-153	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	1.40
3.5 - 4.0	0.89
4.0 - 4.5	**3.90**
4.5 - 5.0	1.50
5.0 - 5.5	0.10

SB-150	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	1.30
3.5 - 4.0	0.39
4.0 - 4.5	1.10
4.5 - 5.0	0.80
5.0 - 5.5	0.45
5.5 - 6.0	0.81

SB-198	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**7.70**
3.5 - 4.0	0.57

SB-93	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.32
3.5 - 4.0	3.00
4.0 - 4.5	0.08
4.5 - 5.0	0.09

SB-143	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**7.70**
3.5 - 4.0	**5.54**
4.0 - 4.5	**64.00**
4.5 - 5.0	**51.00**
5.0 - 5.5	**40.00**
5.5 - 6.0	**55.00**
6.0 - 6.5	**59.00**
6.5 - 7.0	0.26

SB-154	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.10
3.5 - 4.0	0.26
4.0 - 4.5	1.70
4.5 - 5.0	1.70
5.0 - 5.5	1.70
5.5 - 6.0	0.43

SB-156	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.72
3.5 - 4.0	0.03
4.0 - 4.5	**8.10**
4.5 - 5.0	0.73
5.0 - 5.5	3.10
5.5 - 6.0	**3.70**
6.0 - 6.5	1.10
6.5 - 7.0	0.06

SB-149	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.45
3.5 - 4.0	0.03
4.0 - 4.5	1.50
4.5 - 5.0	1.30
5.0 - 5.5	0.40
5.5 - 6.0	ND
6.0 - 6.5	ND

SB-118	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	0.96
3.5 - 4.0	**4.40**
4.0 - 4.5	0.16
4.5 - 5.0	0.07

SB-107	
Depth (Feet)	PCB Conc (mg/kg)
0.5 - 1.0	**12.00**
3.5 - 4.0	0.75

LEGEND:

- PARCEL 2 BOUNDARY
- PCB SITE CHARACTERIZATION GRID

PCB SITE CHARACTERIZATION

- PCB ≤1 MG/KG
- PCB >1 MG/KG AND ≤10 MG/KG
- PCB >10 MG/KG AND <50 MG/KG
- PCB ≥50 MG/KG

- GRIDS WITH >1 MG/KG AND ≤10 MG/KG PCBs
- GRIDS WITH >10 MG/KG AND <50 MG/KG PCBs
- GRID WITH ≥50 MG/KG PCBs
- PROPERTY BOUNDARY (NOTE 4)

NOTES

1. SEE FIGURE 2, EXISTING SITE CONDITIONS FOR GENERAL LEGEND AND GENERAL NOTES.
2. MG/KG – MILLIGRAM PER KILOGRAM
3. ND – NON–DETECT
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. ANALYTICAL RESULTS WITH GREY SHADED VALUES INDICATE PCBs AT CONCENTRATIONS GREATER THAN 1 MG/KG AND LESS THAN OR EQUAL TO 10 MG/KG.
6. ANALYTICAL RESULTS WITH YELLOW SHADED VALUES INDICATE PCBs AT CONCENTRATIONS GREATER THAN 10 MG/KG AND LESS THAN 50 MG/KG.
7. ANALYTICAL RESULTS IN BOLD EXCEEDANCES OF 6 NYCRR PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES

50 25 0 50 100

SCALE: 1"=50'

FIGURE 9

CONSOLIDATED EDISON
ALTERNATIVE ANALYSIS REPORT
FORMER FARRINGTON STREET GAS WORKS
QUEENS, NEW YORK

FULL PCB SITE CHARACTERIZATION

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315–451–9560

FILE NAME: S:\CONED\452758 – FARRINGTON 2021 SRI MGP\19.0 CAD\CAD\452758 FIGURE 9 PCB SITE CHARACTERIZATION.DWG
PLOT DATE: 8/4/2026 6:19 PM PLOTTED BY: SOTELO, RAUL [NN–US]

Figure 10
NAPL Sampling - Specific Gravity versus Temperature
Farrington Street Former Manufactured Gas Plant
Alternatives Analysis Report
Consolidated Edison Company of New York

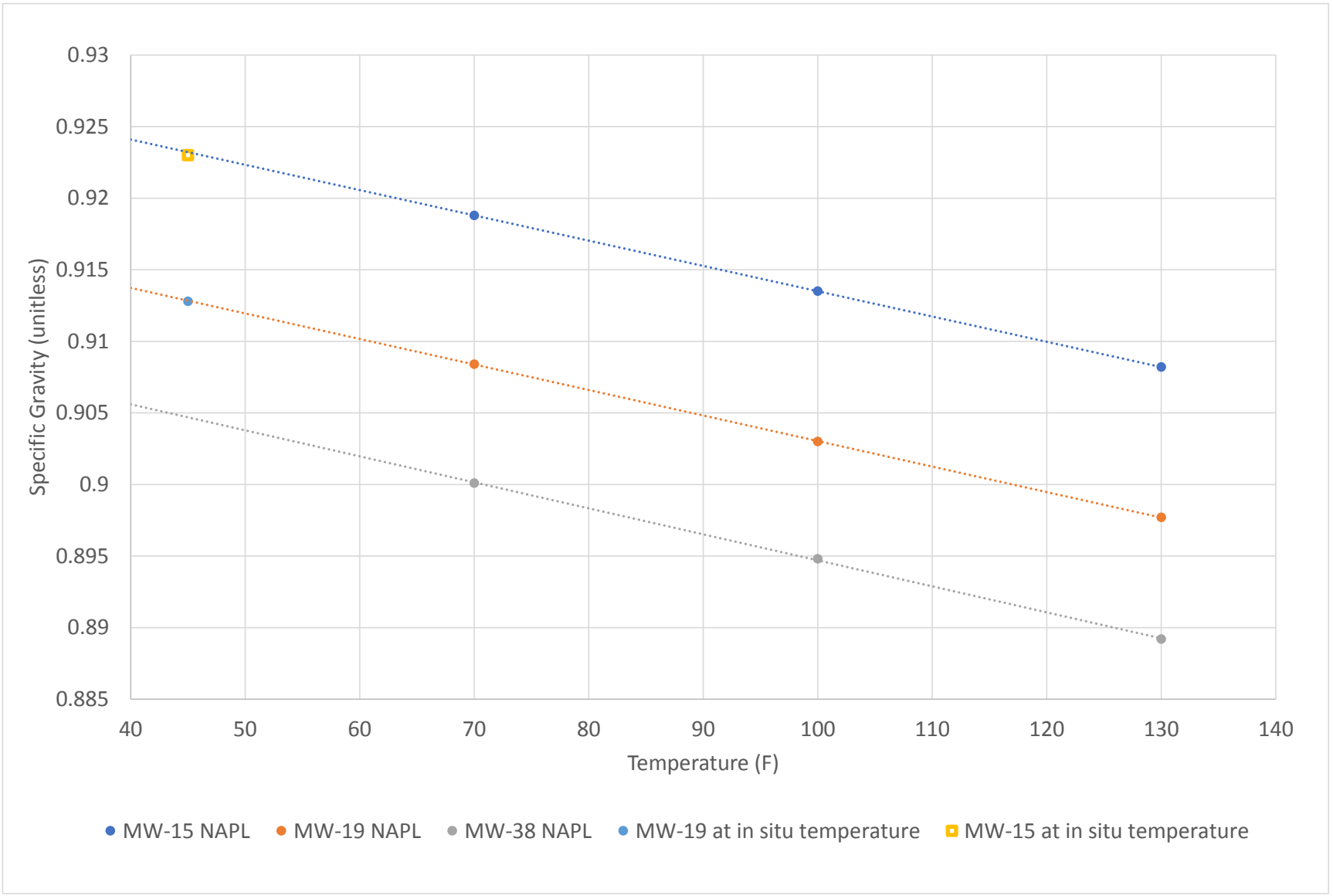


Figure 11
NAPL Sampling - NAPL versus Water Viscosity
Farrington Street Former Manufactured Gas Plant
Alternatives Analysis Report
Consolidated Edison Company of New York

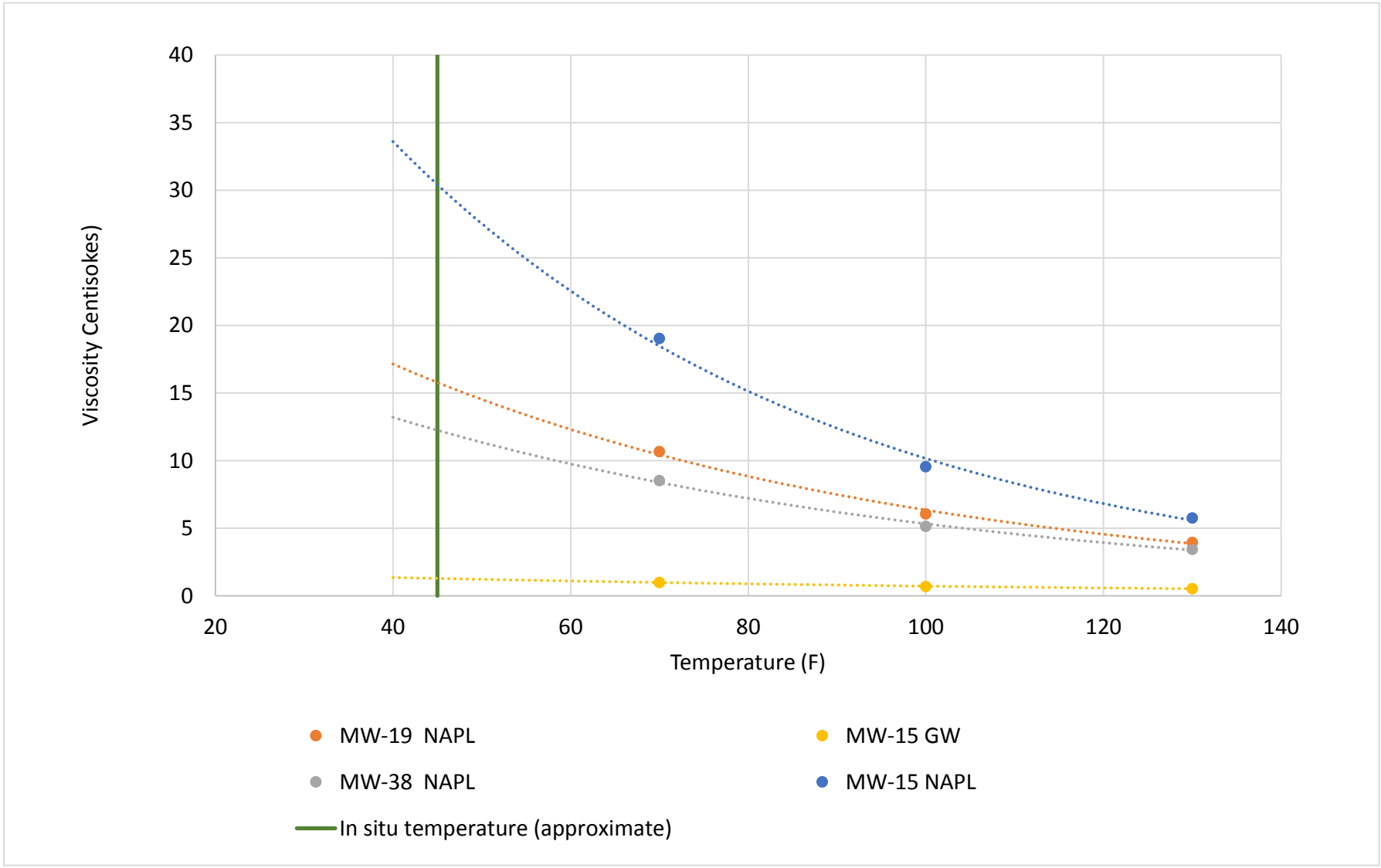
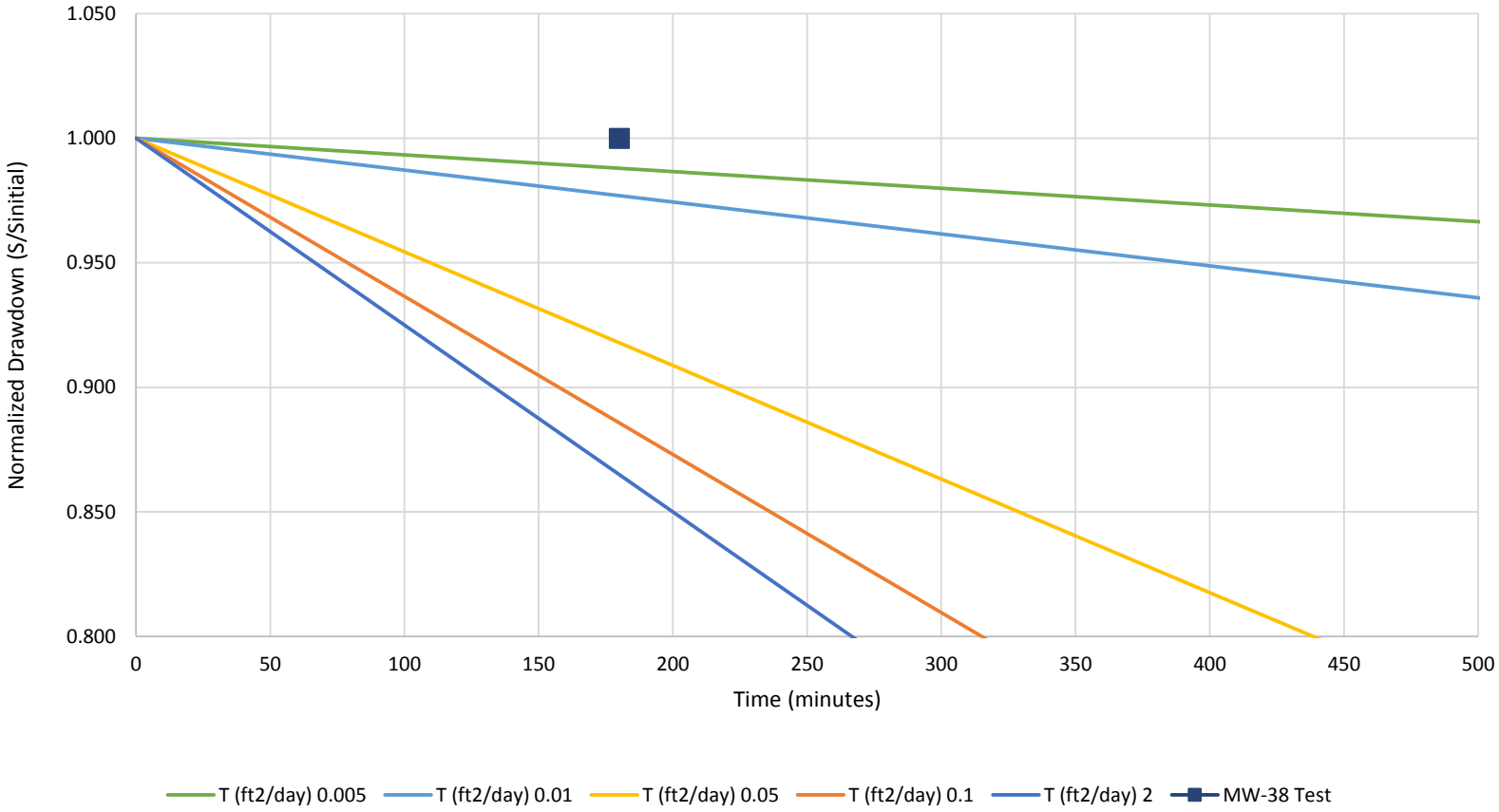
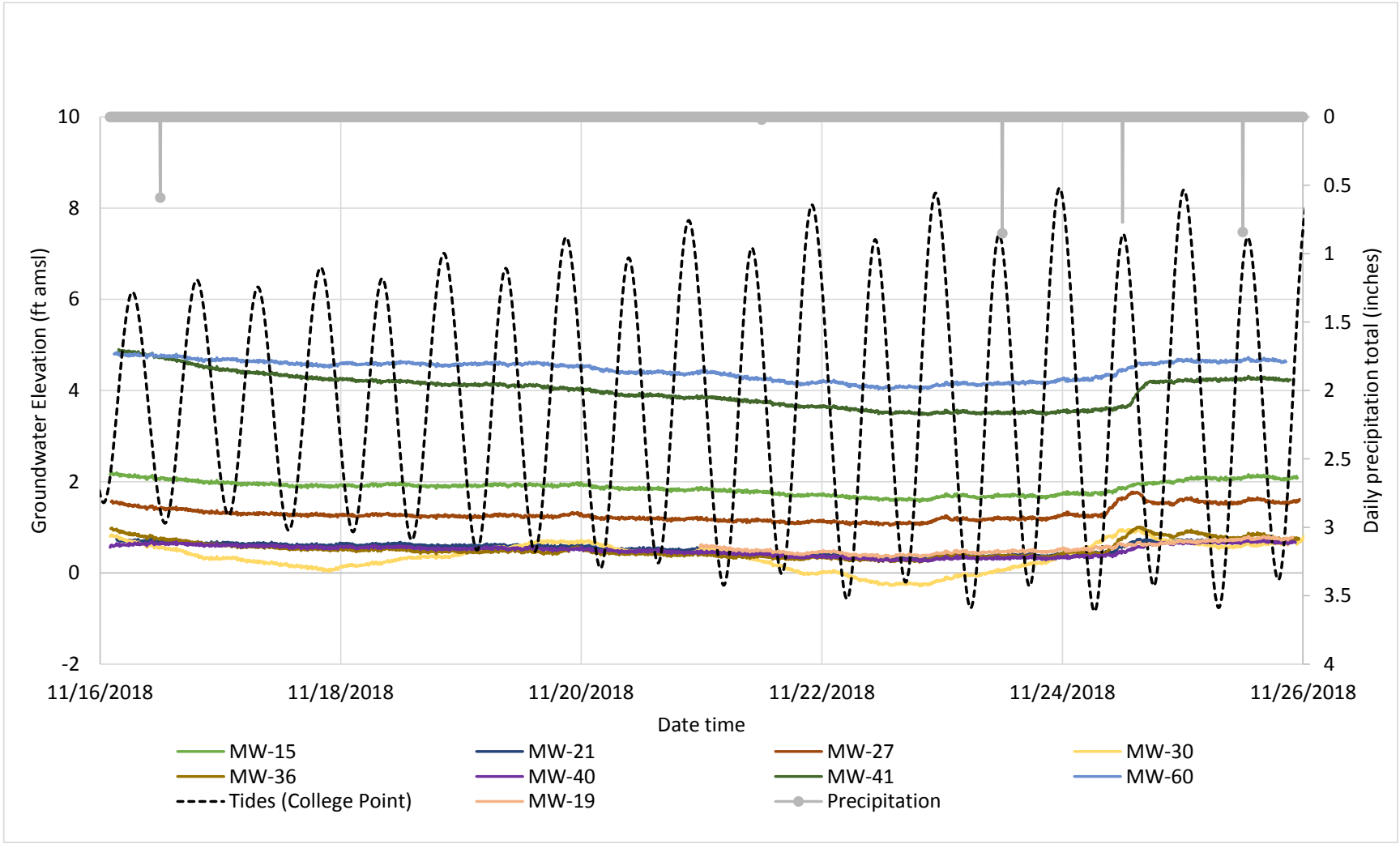


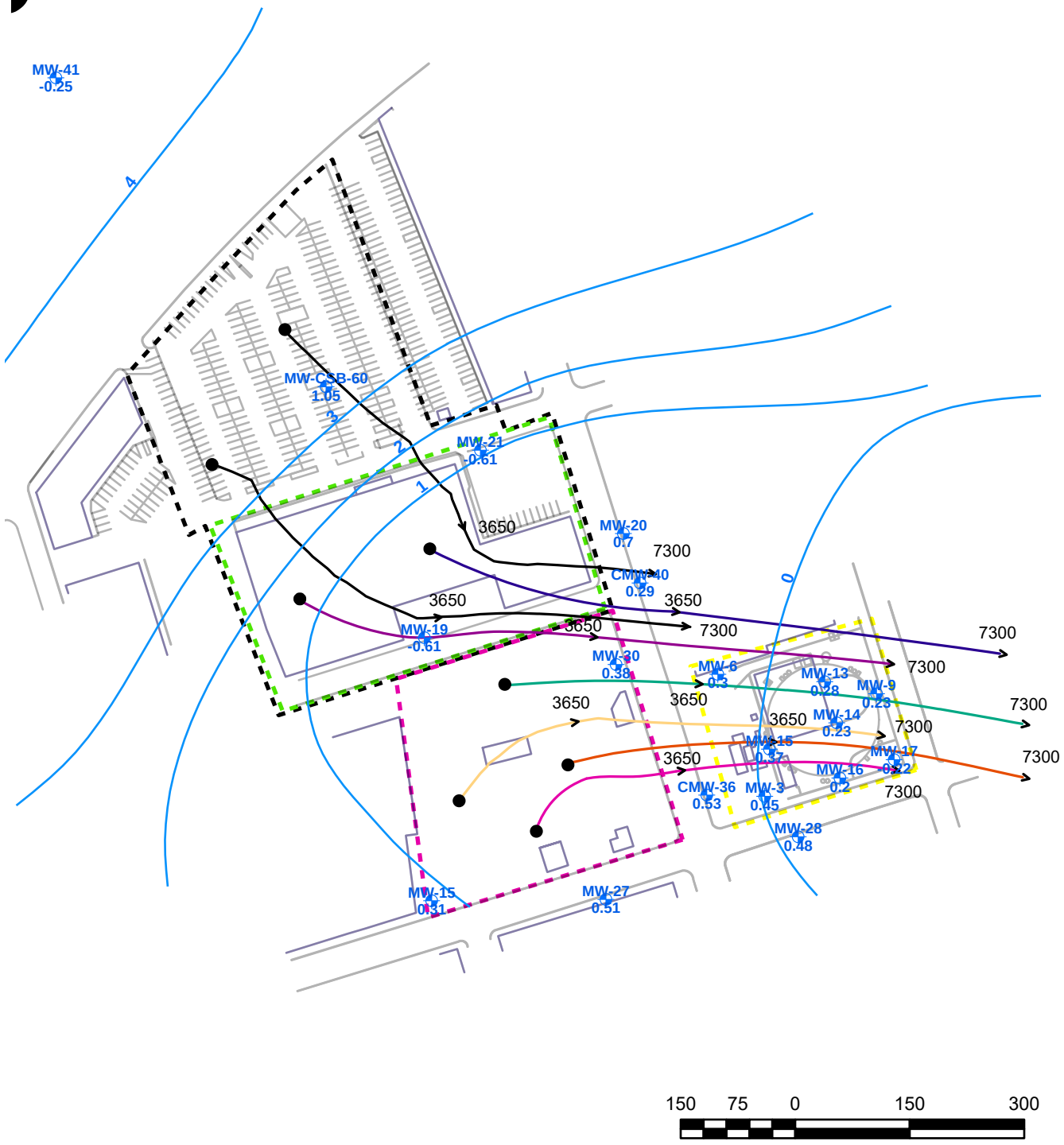
Figure 12
Type Curves of NAPL Transmissivity and CMW-38 Test Attempt
Farrington Street Former Manufactured Gas Plant
Alternatives Analysis Report
Consolidated Edison Company of New York



Type Curves from API NAPL Workbook (API PUBLICATION 4762 APRIL 2016)

Figure 13
Summary of Tidal Influence
Farrington Stret Former Manufactured Gas Plant
Alternatives Analysis Report
Consolidated Edison Company of New York





LEGEND:

- PARCEL 1
- PARCEL 2
- PARCEL 3
- MARKET AREA OF PARCEL 1
- CALIBRATION TARGETS
- GROUNDWATER CONTOURS
- NORTHERN BARRIER WALL PARTICLES
- PARTICLE 1
- PARTICLE 2
- PARTICLE 3
- PARTICLE 4
- PARTICLE 5
- PARTICLE 6
- Links
- PARTICLE STARTING LOCATIONS

NOTES:

1. EACH ARROW REPRESENTS A TIME STAMP IN DAYS. PARTICLES END AT 20 YRS.
2. EACH TARGET IS DISPLAYED WITH THE HYDRAULIC HEAD RESIDUAL. SIMULATED - OBSERVED.
3. CONTOUR INTERVAL = 1 FOOT
4. ELEVATIONS IN FEET AMSL

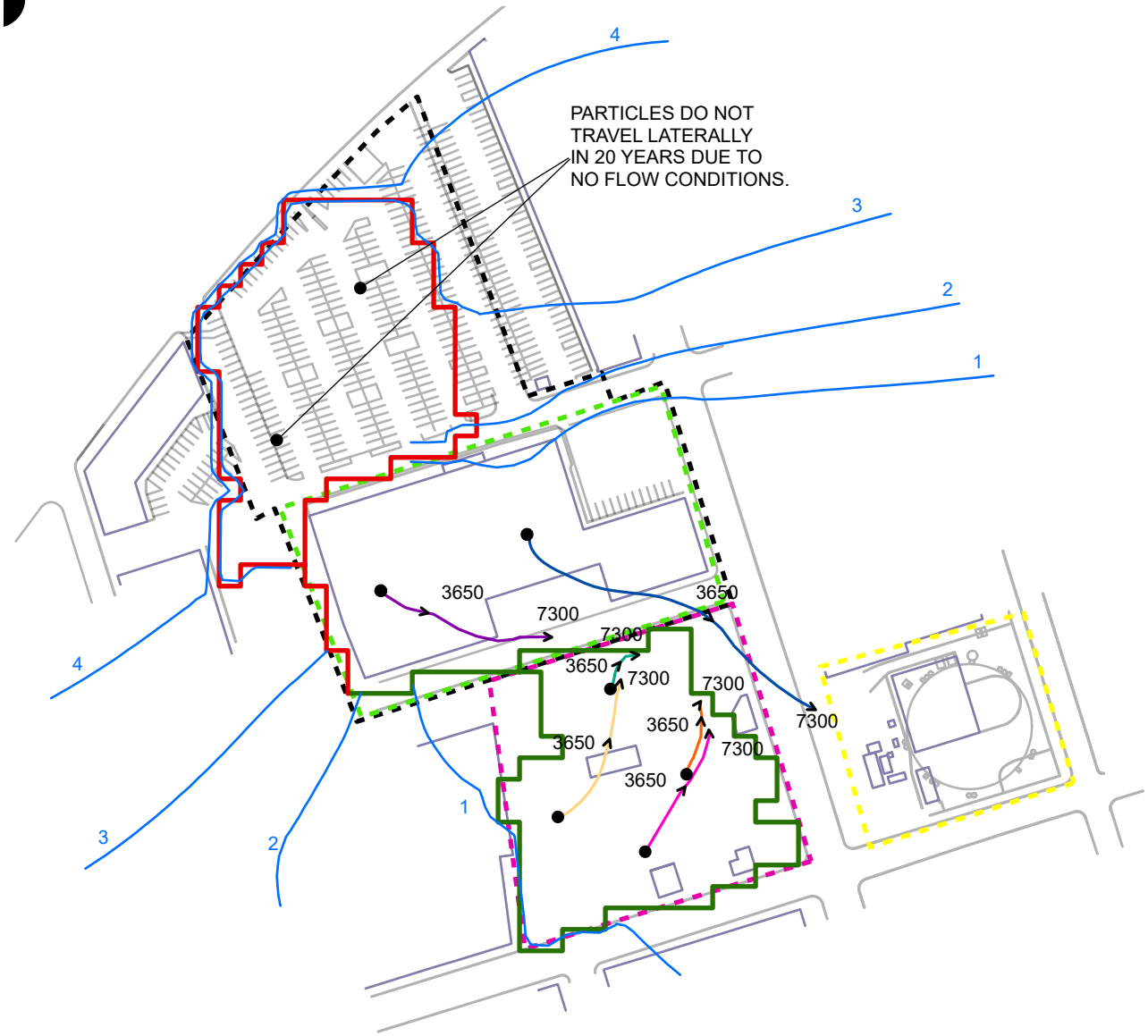
FILE NAME: \nybuf03fs01\ConEd Farington\Groundwater_Model\Report\MXD\Existing Conditions.mxd

FIGURE 14

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

GROUNDWATER MODEL EXISTING CONDITIONS

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



LEGEND:

- PARCEL 1
- PARCEL 2
- PARCEL 3
- MARKET AREA OF PARCEL 1
- GROUNDWATER CONTOURS
- BARRIER WALL 18 FEET BGS
- BARRIER WALL 40 FEET BGS
- PARTICLE 1
- PARTICLE 2
- PARTICLE 3
- PARTICLE 4
- PARTICLE 5
- PARTICLE 6
- PARTICLE STARTING LOCATIONS

NOTES:

1. EACH ARROW REPRESENTS A TIME STAMP IN DAYS. PARTICLES END AT 20 YEARS
2. CONTOUR INTERVAL = 1 FOOT
3. ELEVATIONS IN FEET AMSL

150 75 0 150 300

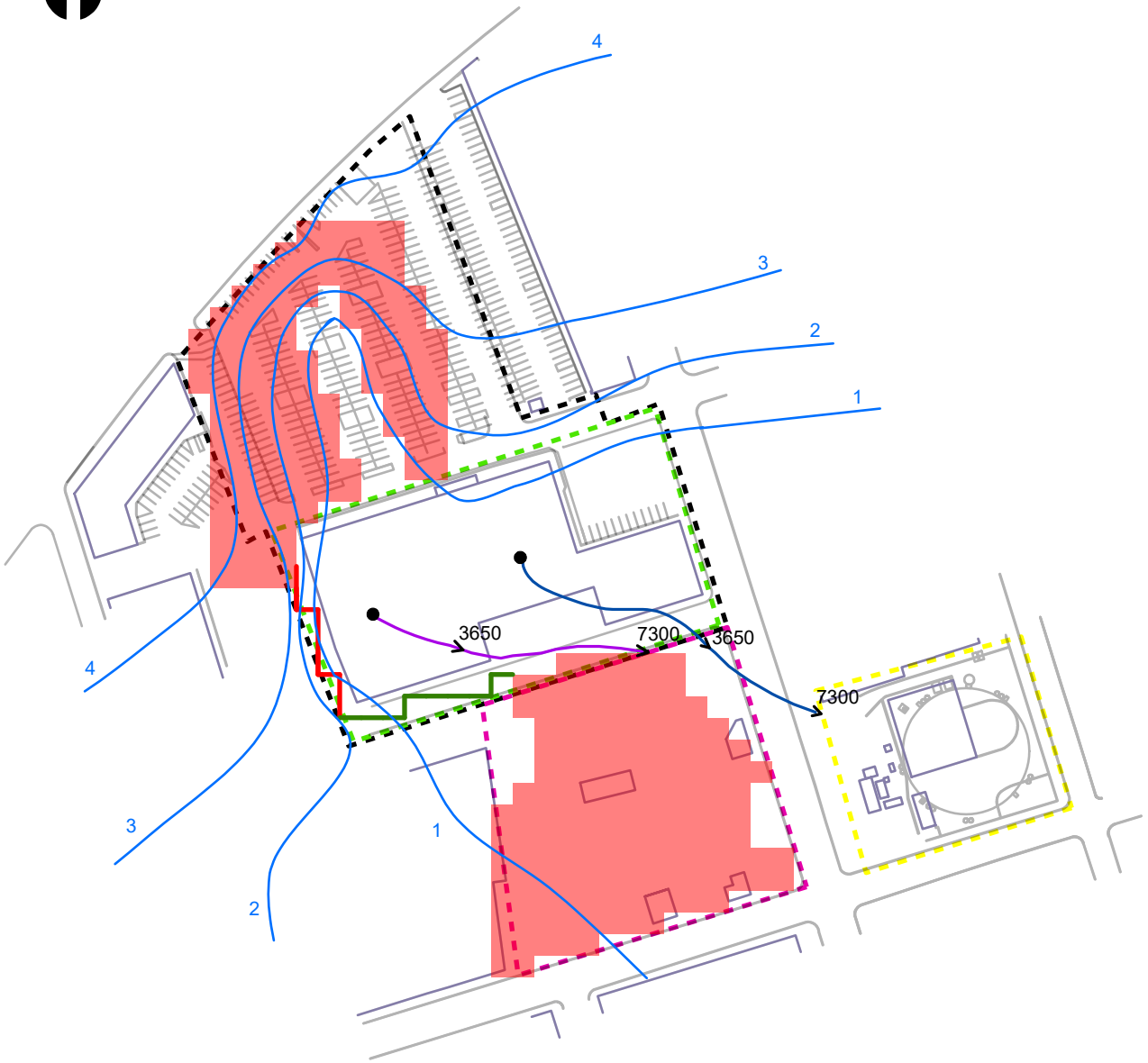
FILE NAME: \nybuf03fs01\ConEd Farington\Groundwater_Model\Report\MXD\Barrier Wall.mxd

FIGURE 15

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

GROUNDWATER MODEL
BARRIER WALL

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



LEGEND:

- PARCEL 1
- PARCEL 2
- PARCEL 3
- MARKET AREA OF PARCEL 1
- GROUNDWATER CONTOURS
- PARTICLE 1
- PARTICLE 2
- BARRIER WALL 40 FEET BGS
- BARRIER WALL 18 FEET BGS
- ISS
- PARTICLE STARTING LOCATIONS

NOTES:

1. EACH ARROW REPRESENTS A TIME STAMP IN DAYS. PARTICLES END AT 20 YEARS
2. CONTOUR INTERVAL = 1 FOOT
3. ELEVATIONS IN FEET AMSL

150 75 0 150 300

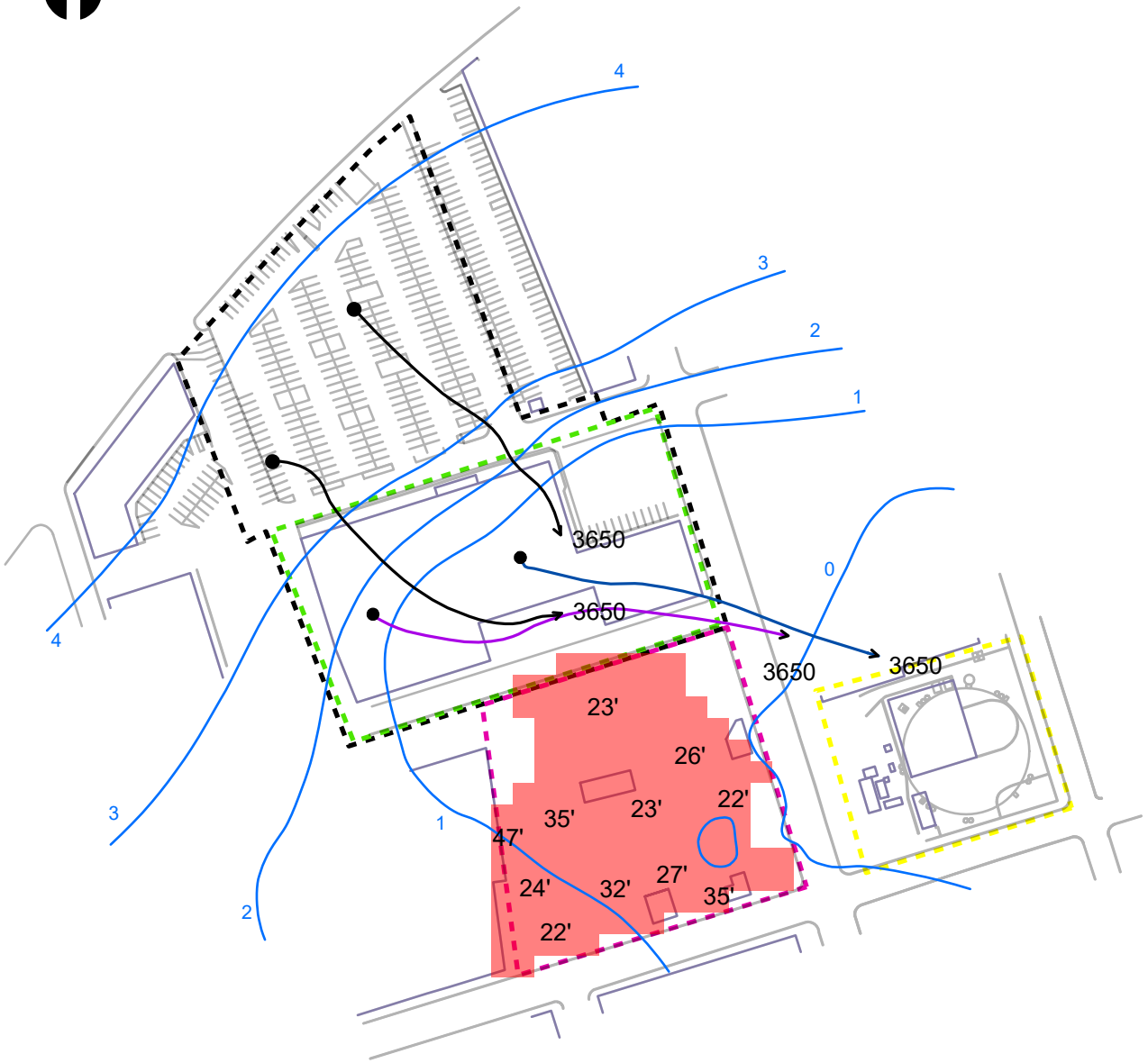
FILE NAME: \nybuf03fs01\ConEd Farington\Groundwater_Model\Report\MXD\ISS

FIGURE 16a

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

GROUNDWATER MODEL
ISS AND BARRIER WALL

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



LEGEND:

- PARCEL 1
- PARCEL 2
- PARCEL 3
- MARKET AREA OF PARCEL 1
- GROUNDWATER CONTOURS
- NORTHERN BARRIER WALL PARTICLES
- PARTICLE 1
- PARTICLE 2
- ISS MODEL
- PARTICLE STARTING LOCATIONS

NOTES:

1. PARTICLES END AT 10 YEARS
2. CONTOUR INTERVAL = 1 FOOT
3. ELEVATIONS IN FEET AMSL

150 75 0 150 300

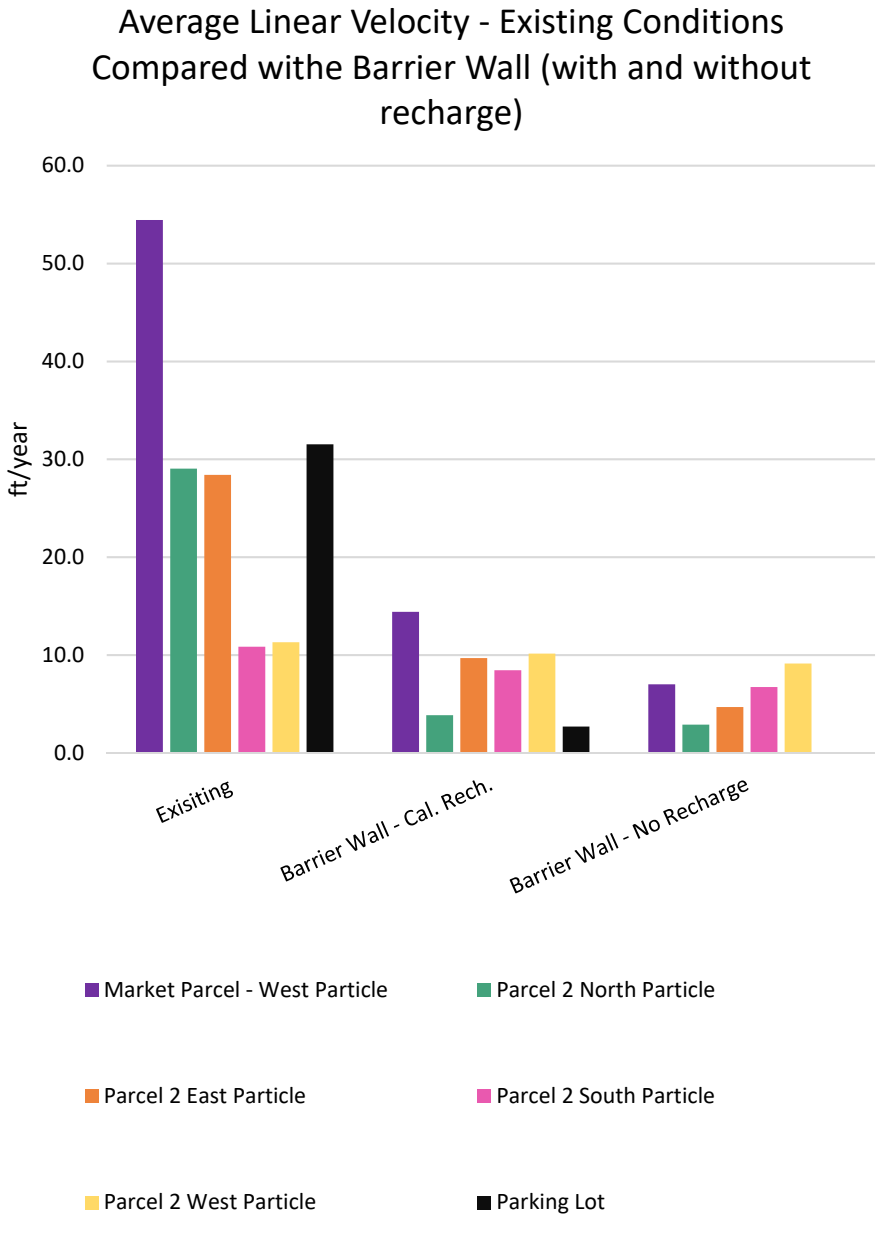
FILE NAME: \nybuf03fs01\ConEd Farington\Groundwater_Model\Report\MXD\ISS

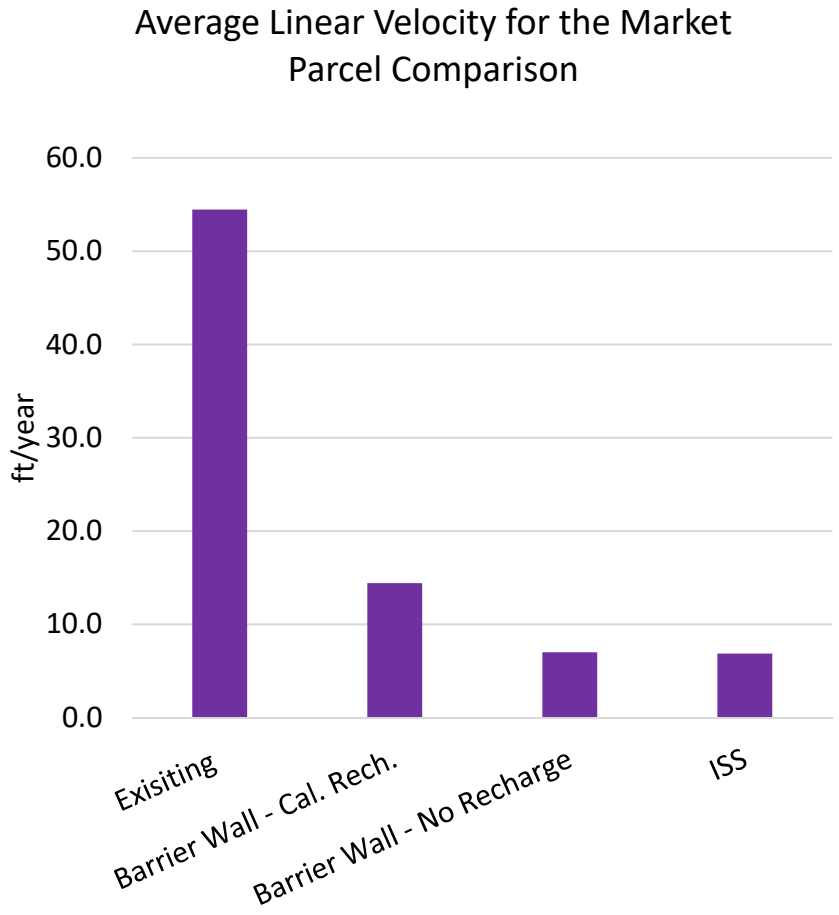
FIGURE 16b

CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

GROUNDWATER MODEL
ISS IN PARCEL 2

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560





NYBUF03FS01\ConEd Farington\Groundwater_Model\Report\Figures_landscape

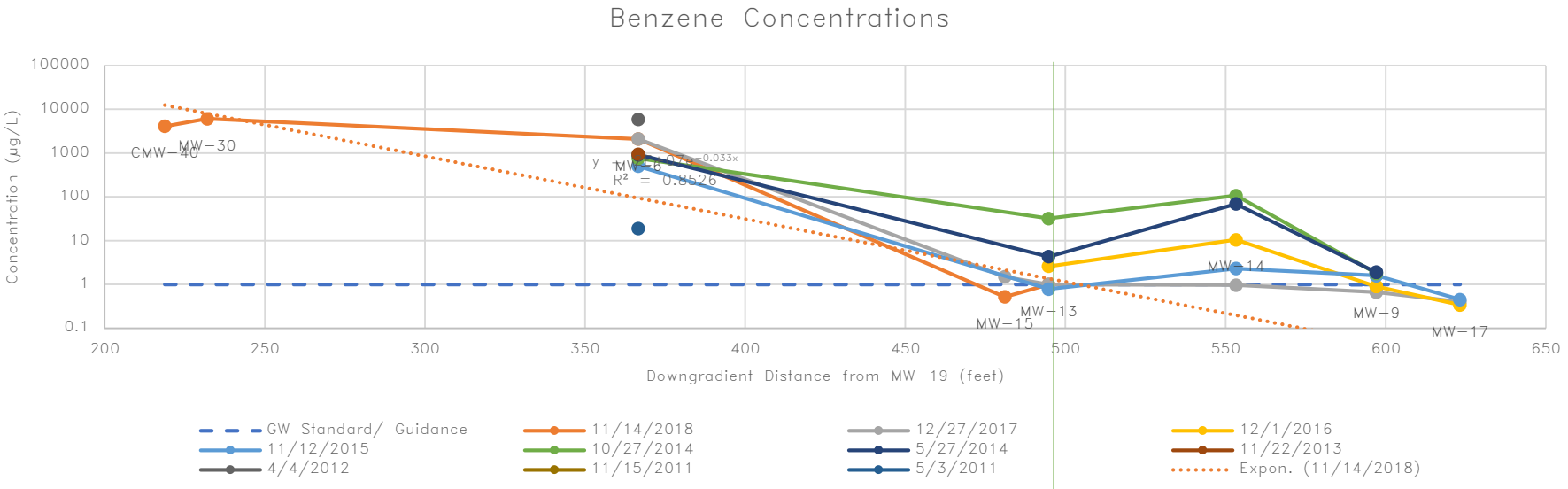
FIGURE 17

CON EDISON
FORMER FARRINGTION STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

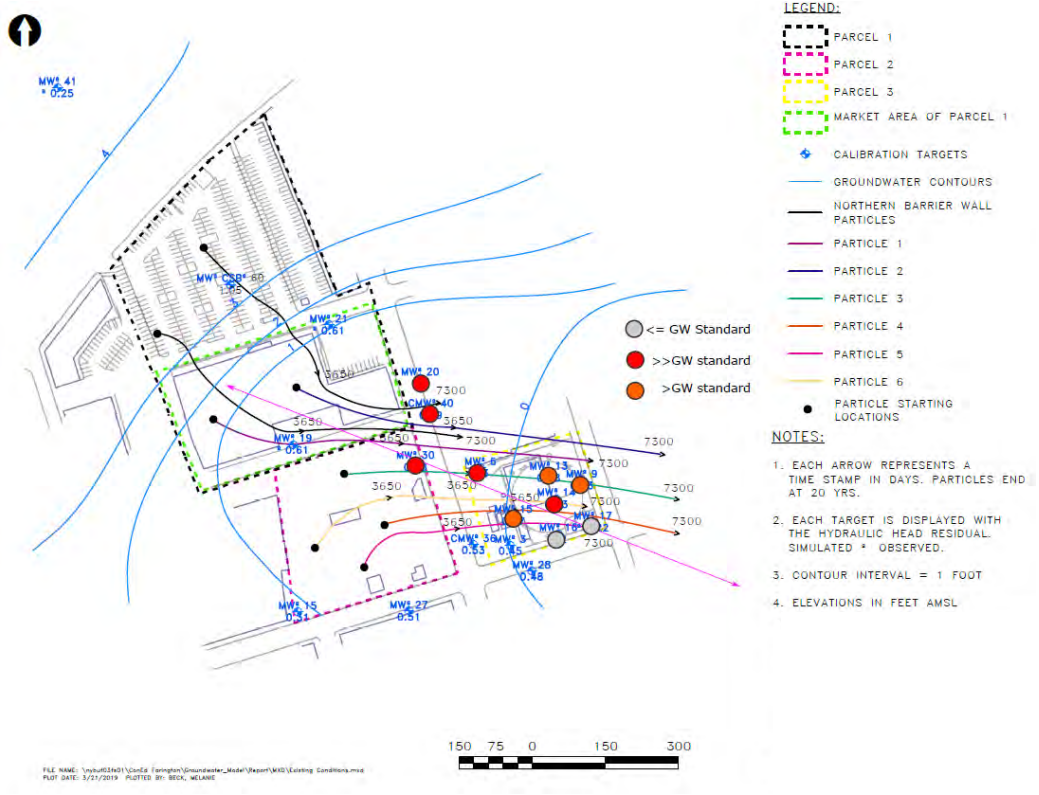
COMPARISON OF GROUNDWATER VELOCITIES FOR EACH SCENARIO

PARSONS

301 PLAINFIELD ROAD, SUITE 350 SYRACUSE, NEW YORK 13212
PHONE: 315-451-9560



Trendline crosses groundwater standard at ~500 feet



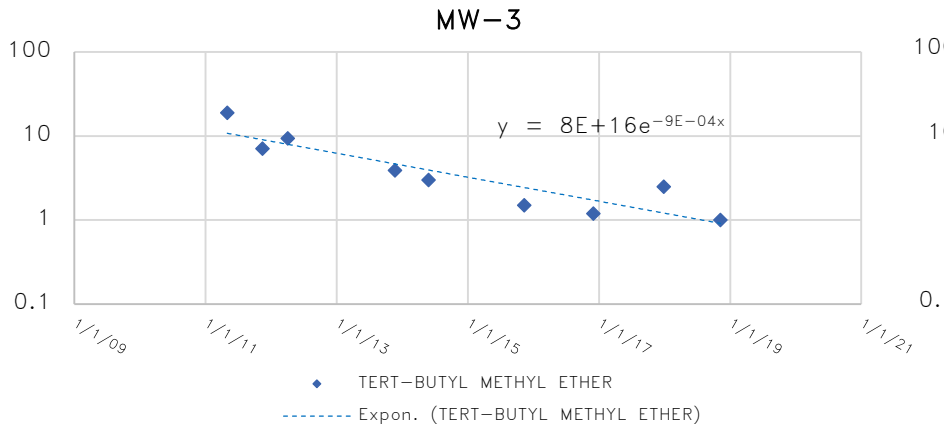
**Symbology is a qualitative representation of general concentrations shown in the chart above

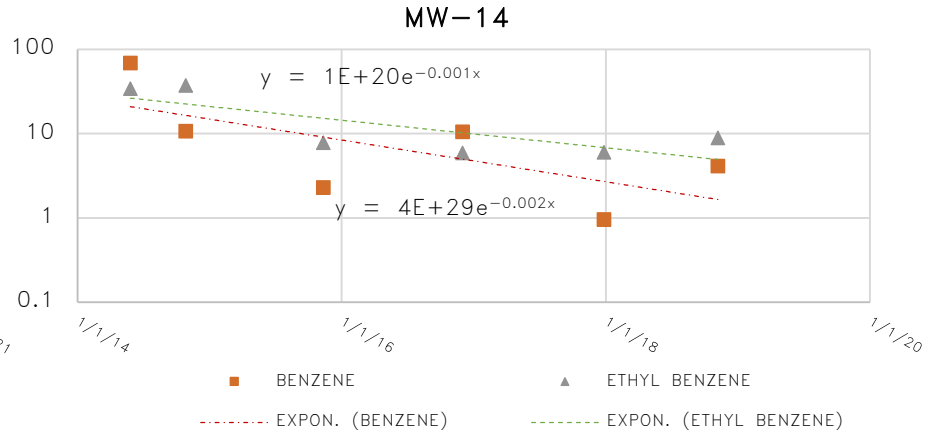
FIGURE 18

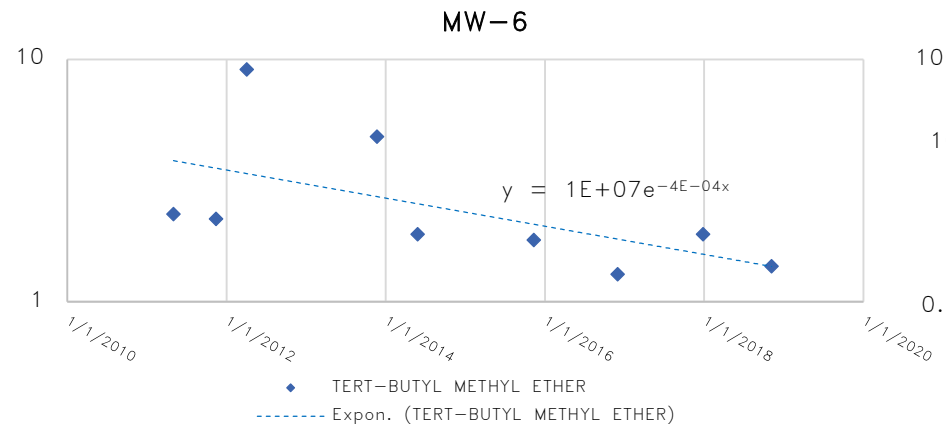
CON EDISON
FORMER FARRINGTON STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

CONCENTRATION VS DISTANCE PLOT

PARSONS
301 PLAINFIELD ROAD, SUITE 350 SYRACUSE, NEW YORK 13212
PHONE: 315-451-9560







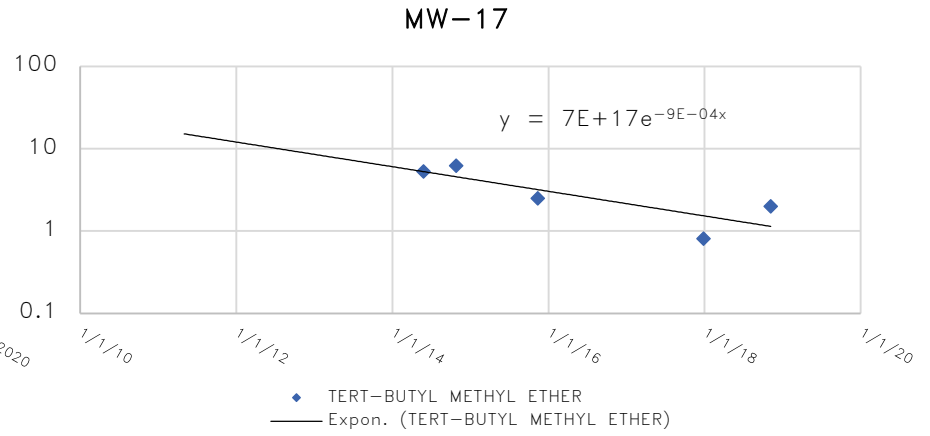


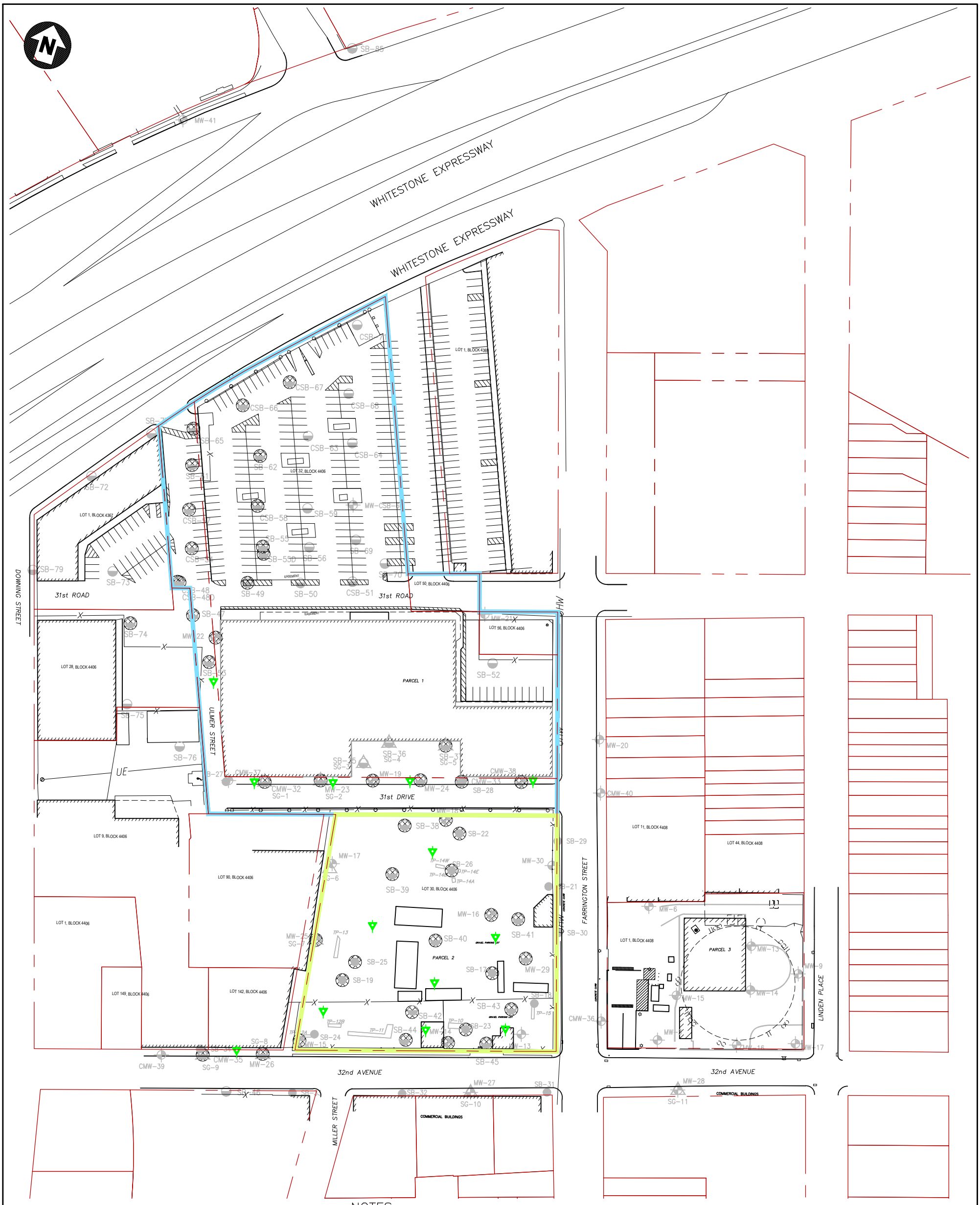
FIGURE 19

CON EDISON
FORMER FARRINGTION STREET WORKS
ALTERNATIVES ANALYSIS REPORT
NEW YORK, NEW YORK

WELL ATTENUATION

PARSONS

301 PLAINFIELD ROAD, SUITE 350 SYRACUSE, NEW YORK 13212
PHONE: 315-451-9560



LEGEND:

- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- SOIL GAS LOCATIONS
- POSSIBLE NAPL RECOVERY WELL LOCATIONS
- TAX PARCEL BOUNDARY (NOTE 4)
- INSTITUTIONAL CONTROL AREA PARCEL 1
- INSTITUTIONAL CONTROL AREA PARCEL 2

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 2/02/15.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. MONITORING WELL LOCATIONS LOCATED IN PARCEL 3 WERE BASED ON A FIELD SURVEY CONDUCTED ON MAY 1, 2014 AND ARE PART OF A POST-IRM GROUNDWATER MONITORING PROGRAM.
6. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

120 60 0 120 240

SCALE: 1"=120'

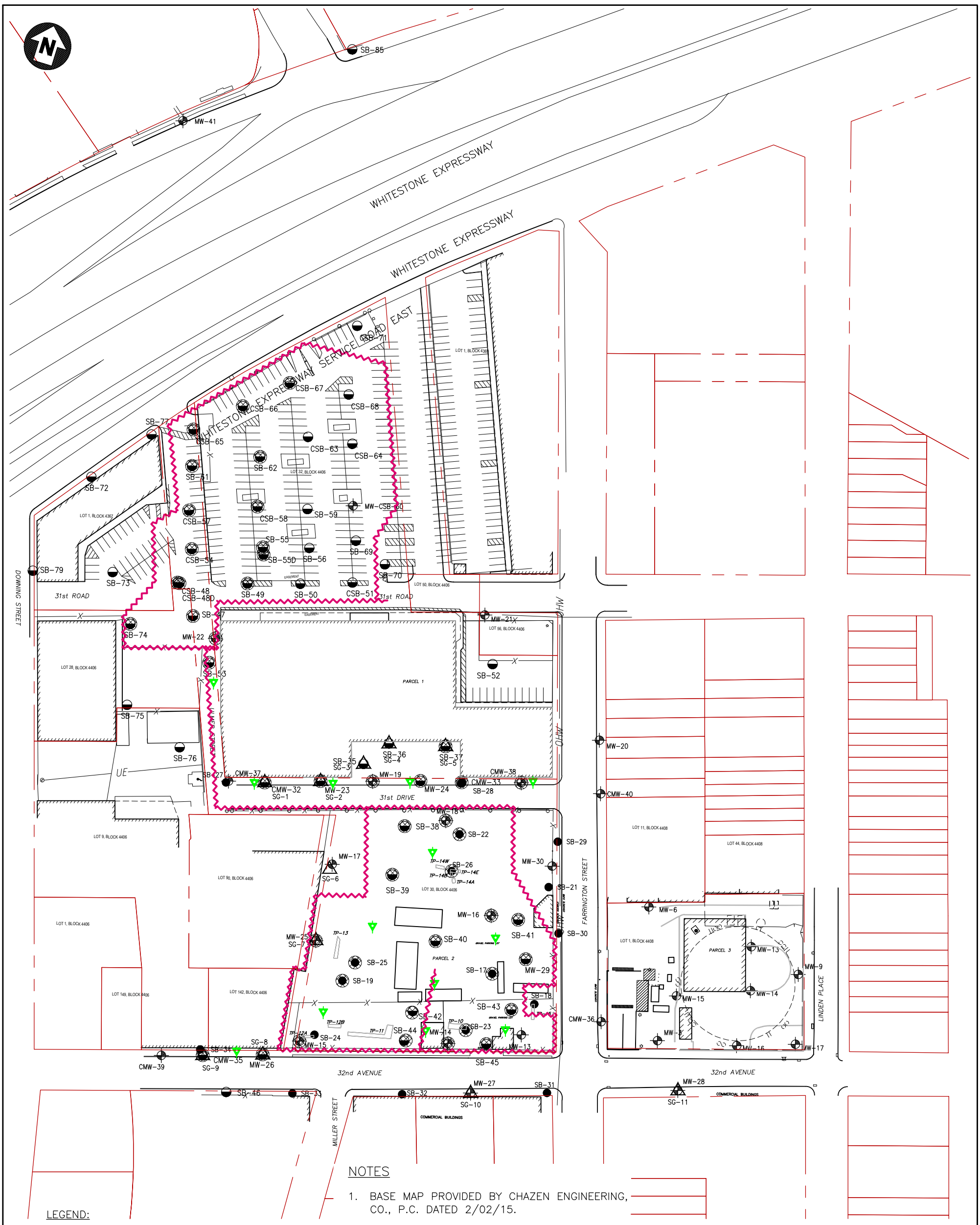
FIGURE 20

CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

ALTERNATIVE 1
MONITORED NATURAL ATTENUATION
NAPL RECOVERY WELLS

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\450663 FARR MGP AAR\CAD\AAR\450663-AAR-002.DWG
PLOT DATE: 8/24/2026 11:18 AM PLOTTED BY: SOTELO, RAUL [NN-US]



LEGEND:

- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- SOIL GAS LOCATIONS
- APPROX LOCATION OF BARRIER WALL
- POSSIBLE NAPL RECOVERY WELL LOCATIONS
- TAX PARCEL BOUNDARY (NOTE 4)

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 2/02/15.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. MONITORING WELL LOCATIONS LOCATED IN PARCEL 3 WERE BASED ON A FIELD SURVEY CONDUCTED ON MAY 1, 2014 AND ARE PART OF A POST-IRM GROUNDWATER MONITORING PROGRAM.
6. BOUNDARY OF INSTITUTIONAL AND ENGINEERING CONTROLS WOULD BE FINALIZED BASED ON FINAL ALIGNMENT OF BARRIER WALL.
7. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

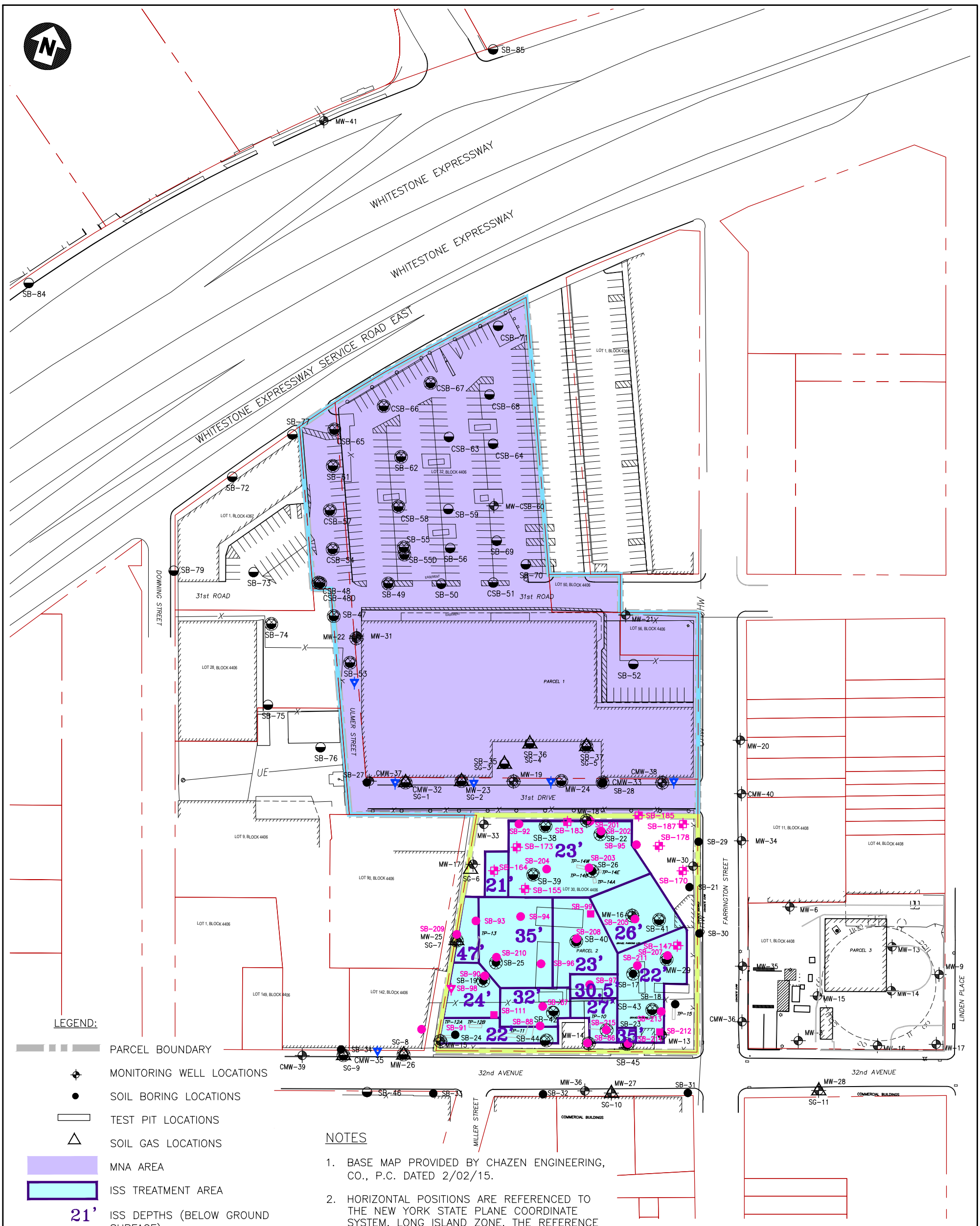
FIGURE 21

CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

ALTERNATIVE 2
IN-SITU CONTAINMENT OF NAPL IMPACTED SITE SOILS

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\450663 FARR MGP AAR\CAD\AAR\450663-AAR-001.DWG
PLOT DATE: 8/24/2026 11:43 AM PLOTTED BY: SOTELO, RAUL [NN-US]



LEGEND:

- PARCEL BOUNDARY
- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- SOIL GAS LOCATIONS
- MNA AREA
- ISS TREATMENT AREA
- 21' ISS DEPTHS (BELOW GROUND SURFACE)
- POSSIBLE NAPL RECOVERY WELL LOCATIONS
- MONITORING WELLS INSTALLED DURING SUPPLEMENTAL REMEDIAL INVESTIGATION
- GEOTECHNICAL BORING LOCATIONS
- NAPL DELINEATION BORING LOCATIONS
- COMBINED GEOTECHNICAL AND NAPL BORING LOCATIONS

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 2/02/15.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. TAX PARCEL INFORMATION FROM NYS DEPARTMENT OF FINANCE DIGITAL TAX MAP, DATED APRIL, 2024.
5. WHERE NECESSARY, TAX AND/OR PARCEL BOUNDARIES ARE SUBJECT TO CONFIRMATION VIA PROFESSIONAL SURVEY.

- TAX PARCEL BOUNDARY (NOTE 4)
- INSTITUTIONAL CONTROL AREA PARCEL 1
- INSTITUTIONAL CONTROL AREA PARCEL 2

SCALE: 1"=120'

FIGURE 22

CON EDISON
FORMER FARRINGTON STREET WORKS
QUEENS, NEW YORK

ALTERNATIVE 3 – MONITORED NATURAL ATTENUATION AND IN-SITU STABILIZATION/SOLIDIFICATION OF MGP-IMPACTED SOIL

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

FILE NAME: S:\CONED\452758 – FARRINGTON 2021 SRI MGP\19.0 CAD\CAD\452758-SK004.DWG
PLOT DATE: 8/24/2026 11:39 AM PLOTTED BY: SOTELO, RAUL [NN-US]

APPENDIX A

ZONING MAP

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an **R**, **C** or **M** District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution

AREA(S) REZONED

Effective Date(s) of Rezoning:

10-17-2017 C 170180(A) ZMQ

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

CITY MAP CHANGE(S):

◆ AS CORRECTED 11-20-2017

N

MAP KEY

6d	7b	7d
9c	**10a**	10c
9d	10b	10d

© Copyrighted by the City of New York

ZONING MAP **10a**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

600 0 600 1200 1800 FEET

 # NOTE: STREETS FOR THE STREET MAP CHANGE C 080221 MMQ ARE SHOWN ON THIS MAP PRIOR TO BECOMING EFFECTIVE IN ORDER TO LOCATE ZONING DISTRICT BOUNDARIES.

C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

APPENDIX B

NYSDOH GENERIC COMMUNITY AIR MONITORING PLAN

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50^{o} C (14 to 122^{o} F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.