Atlantic Chestnut – Lot 3

BROOKLYN, NEW YORK

Interim Remedial Measure Construction Completion Report

for

Pedestrian Plaza Excavation

NYSDEC Site Number: C224236

Prepared for:

Atlantic Chestnut Affordable Housing LLC and Atlantic Chestnut III Associates, L.P.
902 Broadway, 13th Floor
New York, NY 10010

Prepared by:

akrf
440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

MARCH 2025

CERTIFICATION

I, Michelle Lapin, P.E., certify that I am currently a New York State registered professional engineer and that this Construction Completion Report (CCR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10).

I certify that all information and statements in this certification are true. I understand that a false statementmade herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.



Michelle Lapin, P.E. 073934-1	3/4/2025	
New York State Professional Engineer	Date	Signature/Stamp

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 SITE DESCRIPTION AND HISTORY 2
2.1 Site Description 2
2.2 Description of Surrounding Property 2
3.0 PREVIOUS ENVIRONMENTAL REPORTS 4
4.0 NATURE AND EXTENT OF CONTAMINATION 10
5.0 DESCRIPTION OF INTERIM REMEDIAL MEASURE PERFORMED 12
5.1 Governing Documents 12
5.1.1 Site Specific Health & Safety Plan 12
5.1.2 Community Air Monitoring Plan 12
5.1.3 Quality Assurance Project Plan 12
5.1.4 Citizen Participation Plan 12
5.2 Remedial Program Elements 13
5.2.1 Contractors and Consultants 13
5.2.2 Site Preparation 14
5.2.3 General Site Controls 14
5.2.4 Nuisance Controls 15
5.2.5 Community Air Monitoring Program Results 16
5.2.6 Reporting 17
5.3 Waste Classification and Delineation Sampling 17
5.4 Contaminated Materials Removal 17
5.4.1 Disposal Details 18
5.4.2 On-Site Reuse 19
5.5 Remaining Contamination 19
5.5.1 Soil 19
5.6 Imported Materials 20
5.6.1 Soil/Fill 20
5.6.2 Stone 21
5.7 Laboratory Data Management 21
5.8 Deviations from the Interim Remedial Measure Work Plan 21

IN-TEXT TABLES

Table T1 – Document Repositories
Table T2 – Waste Disposal Summary
Table T3 – Soil Exceedances of UUSCOs and/or RRSCOs
Table T4 – Materials Import Summary
Table T5 – EQuIS™ Submittals and Approvals Summary

ATTACHED TABLES

Table 1 – CAMP Excursions
Table 2 – Waste Characterization Grids
Table 3 – Soil Disposal Log
Tables 4a-4f – Site-Wide Endpoint Sample Analytical Results
Table 5 – Hotspot/Area of Concern Endpoint Sample Analytical Results
Table 6 – Imported Materials Log

FIGURES

Figure 1 – BCP Site Location
Figure 2 – Site and Sample Location Plan
Figure 3 – Pedestrian Plaza Waste Characterization Grids
Figure 4 – Pedestrian Plaza Remedial Excavation and Endpoint Location Map with Concentrations Above UUSCOs and/or PGWSCOs

APPENDICES

Appendix A – Well Decommissioning Logs
Appendix B – Daily Reports
Appendix C – Air Monitoring Data
Appendix D – Photograph Log
Appendix E – Waste Classification Report and Soil/Fill Disposal Documentation
Appendix F – Endpoint Sample Documentation - Survey, Sampling Data, and DUSRs
Appendix G – Imported Materials Documentation

LIST OF ACRONYMS

Acronym	Definition
1,1-DCE	1,1-Dichloroethylene
ACM	Asbestos Containing Material
AST	Aboveground Storage Tank
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below Ground Surface
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
Cis-1,2-DCE	Cis-1,2-dichlroroethylene
CP	Commissioner's Policy
CPP	Citizen Participation Plan
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EDDs	Electronic Data Deliverables
ELAP	New York State Environmental Laboratory Approval Program
EPA	United States Environmental Protection Agency
EQuIS	Environmental Quality Information System
EROC	Evergreen Recycling of Corona
ESA	Environmental Site Assessment
eV	Electron Volt
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
IRMWP	Interim Remedial Measure Work Plan
ISCO	In-Situ Chemical Oxidation
LBP	Lead-based Paint
mg/kg	Micrograms per kilogram
NGVD	National Geodetic Vertical Datum
NJ	New Jersey
NY	New York
NYC	New York City
NYCDOB	New York City Department of Buildings
NYCOER	New York City Office of Environmental Remediation
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OM&M	Operation, Maintenance, and Monitoring
P.E.	Professional Engineer
PA	Pennsylvania
PBS	Petroleum Bulk Storage

Acronym	Definition
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PDI	Pre-Design Investigation
PDIWP	Pre-Design Investigation Work Plan
PFAS	Per- and Polyfluoroalkyl Substances
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAWP	Remedial Action Work Plan
RCA	Recycled Concrete Aggregate
RE	Remedial Engineer
RI	Remedial Investigation
RRSCO	Restricted Residential Soil Cleanup Objective
SCO	Soil Cleanup Objective
SI	Subsurface Investigation
SRI	Supplemental Remedial Investigation
SVE	Soil Vapor Extraction
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethylene
Trans-1,2-DCE	Trans-1,2-dichloroethylene
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound
µg/L	Micrograms per liter
$\mu g/m^3$	Micrograms per cubic meter

CONSTRUCTION COMPLETION REPORT

1.0 INTRODUCTION

This Interim Remedial Measure (IRM) Construction Completion Report (CCR) has been prepared by AKRF, Inc. (AKRF) on behalf of Atlantic Chestnut Affordable Housing LLC and Atlantic Chestnut III Associates, L.P. for the Atlantic Chestnut – Lot 3 site, located at 275 Chestnut Street in Brooklyn, New York (hereafter referred to as the "Site"). The Site is identified on the New York City Tax Map as Brooklyn Tax Block 4143, Lot 3. Historically, Block 4143, Lot 1 encompassed the entirety of Block 4143, but it was apportioned into three lots (Lots 1, 2, and 3) in 2016. A Site Location Map is provided as **Figure 1**.

On May 26, 2016, Atlantic Chestnut Affordable Housing LLC entered as a Volunteer into a Brownfield Cleanup Agreement (BCA), Index No. C224236-05-16, with the New York State Department of Environmental Conservation (NYSDEC). A BCA amendment was submitted to NYSDEC in August 2017 to document: (1) the change of address from 3301 Atlantic Avenue to 275 Chestnut Street, and (2) the acreage increase of the Site from 1.0475 acres to 1.202 acres to support the redevelopment. The BCA amendment was executed on August 24, 2017. A second BCA Amendment is anticipated to be submitted to NYSDEC in September 2024 to add Atlantic Chestnut III Associates, L.P. to the BCA. The current Brownfield Cleanup Program (BCP) Site boundaries are shown on **Figure 2**. It is noted that the Site also has E-Designations with the NYC Office of Environmental Remediation (NYCOER) for Hazardous Materials, Air Quality, and Noise.

This CCR has been prepared to document remedial excavation of source material along the northern portion of the Site, called the "Pedestrian Plaza" (as shown on **Figure 2**), as part of an IRM. A NYSDEC-approved IRM Work Plan (IRMWP) dated March 2023 was prepared to enable this remedial excavation, in conjunction with the ongoing remedial excavation at the north-adjacent property (Atlantic Chestnut – Lot 2 NYSDEC BCP Number C224235) until the full remedy of the Site can be implemented under the NYSDEC-approved October 2024 Remedial Action Work Plan (RAWP). Both the Site and Atlantic Chestnut – Lot 2 are being remediated by the same Volunteers.

To address the significant threat determination from NYSDEC, an IRM that included installation and operation of a soil vapor extraction (SVE) system around the Site perimeter to prevent off-site migration of contaminated vapors has been ongoing since May 2019. The IRM SVE system will remain active until implementation of the Site remedy under the RAWP.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Description

The Site is composed of a concrete- and asphalt-paved vacant lot with a former loading dock on the central portion of the Site. The Site formerly consisted of a series of vacant, interconnected, fire-damaged factory buildings that were demolished by December 2016. A Site Plan is provided as **Figure 2**. The Site is zoned as M1-4 (manufacturing) with an R8A (residential) equivalent.

2.2 Description of Surrounding Property

The Site is abutted to the north by Atlantic Chestnut – Lot 2, followed by Atlantic Chestnut – Lot 1 (BCP Site No. C224234) and Fulton Street; to the east by Euclid Avenue followed by residences and a storage facility; to the south by Atlantic Avenue followed by a park; and to the west by Chestnut Street followed by a multi-story residential building and a vacant commercial building. Sensitive receptors immediately adjacent to the Site include residences to the north, east, and west; and a daycare approximately 600 feet to the northeast. Jamaica Bay is the nearest surface water body, located approximately 2.5 miles south of the Site.

The surrounding area is developed primarily with residential, commercial, manufacturing, transportation, and industrial uses. The elevated J- and Z- Metropolitan Transit Authority subway tracks run along Fulton Street to the north and the Long Island Railroad tracks are located beneath Atlantic Avenue to the south.

2.3 Site Geology, Hydrogeology, and Subsurface Characteristics

Prior to any remedial excavation, the stratigraphy of the Site, from the sidewalk ground surface down, generally consisted of fill comprising sand, silt, and gravel with varying amounts of concrete, brick, ash, clay, and asphalt up to 16 feet below ground surface (bgs), underlain by apparent native sand, gravel, clay, and silt to boring termination depths (up to 80 feet bgs). Bedrock was not encountered during previous investigations.

The Site lies at an elevation of approximately 37 to 41 feet above national geodetic vertical datum (NGVD), an approximate of mean sea level. Groundwater was encountered during previous investigations at depths ranging from approximately 7.5 to 8.7 feet above NGVD (approximately 32 feet bgs). Based on the well elevation survey and gauging events during previous investigations (for shallow, intermediate, and deep monitoring well screened intervals), groundwater flow is in a generally southerly direction beneath the Site and surrounding area. Groundwater in this part of Brooklyn is not used as a potable source and there are no surface water bodies on or immediately adjacent to the Site.

2.4 Site History and Previous Owners

Historic records indicate that the Site was developed with residences and a road in 1887 and with industrial and manufacturing uses, including the Columbia Machine Works and Malleable Iron Company, the Columbia Cable and Electric Corporation, Blue Ridge Farms, Inc., and Chloe Foods Corp. between 1908 and 2012. Blue Ridge Farms, Inc. and Chloe Foods Corp. are listed on multiple federal and state databases, as discussed in Section 3.0. The Site was shown on historical maps with a 10,000-gallon fuel oil tank in 1951 and 1980 and as a gasoline filling station between 1982 and 1988. Prior uses that appear to have led to Site contamination include blacksmithing and stamping, a brass foundry, woodworking, railroad operations, a machine shop, tank and engine rooms, an iron works, wire braiding, a gasoline filling station, and cable manufacturing. Prior to the proposed redevelopment, the Site had remained vacant since a July 2012 fire caused severe structural damage to the former Site buildings. Demolition of the Site buildings was completed between July and December 2016.

Past owners of Block 4143, Lot 1 include: Columbia Electric Realty, Inc. in 1980; Avnal, Inc. from 1980 to 1984; Blue Ridge Farms, Inc. from 1984 to 2004; 3301 Atlantic Avenue, LLC from 2004 to 2013; Sapphire Luxury Estates, LLC from 2013 to 2014; Atlantic Chestnut, LLC from 2014 to 2015; and Atlantic Chestnut Affordable Housing, LLC from 2015 to present. It is noted that Block 4143 formerly comprised Lot 1 but was subsequently divided into three lots (Lots 1, 2, and 3).

2.5 Proposed Development

The proposed development, which will be implemented under the RAWP, is to construct a new building with 8- to 14-stories in a "U" shape along the eastern, southern, and western Site boundaries, with a parking garage throughout the cellar, commercial space on the ground floor, and affordable residential units above. A private street open to pedestrians, referred to as the Pedestrian Plaza, will be constructed along the northern Site boundary to reconnect Euclid Avenue and Chestnut Street. The project will satisfy one of the objectives of the Cypress Hills Brownfield Opportunity Area.

3.0 PREVIOUS ENVIRONMENTAL REPORTS

Previous environmental reports are summarized below. Additionally, 3301 Atlantic Avenue was the historic address for the entire block before subdivision into Lots 1, 2, and 3.

Subsurface (Phase II) Investigation Report – Blue Ridge Farms, 3301 Atlantic Avenue, 84 Dinsmore Place, and 111 Dinsmore Place, Brooklyn, New York, AKRF, May 2001

In May 2001, AKRF conducted a Subsurface (Phase II) Investigation (SI) of a larger area including the Site. At the time of this investigation, the Site's block was developed with food processing and storage buildings. The SI included the performance of a geophysical survey across exterior portions of the Site and the advancement of four soil borings with the collection and analysis of soil and groundwater samples. The scope of the investigation was based on a December 2000 Phase I Environmental Site Assessment (ESA) of the Site by IVI Environmental, Inc.; however, AKRF does not have a copy of this Phase I ESA.

Due to reinforced concrete across the Site, the geophysical survey was inconclusive. Soil consisted of fill material (brick, concrete, asphalt, clay, silt, sand, and gravel) up to 6 feet bgs, underlain by native soil (sand, gravel, silt, and clay) to 16 feet bgs. Groundwater was encountered at approximately 32 feet bgs.

Petroleum-related volatile organic compounds (VOCs) and the semivolatile organic compound (SVOC) naphthalene were detected in the soil samples collected above NYSDEC Recommended Soil Cleanup Objectives (SCOs) listed in the NYSDEC Technical and Administrative Guidance Memorandum, the applicable soil cleanup objectives at the time of the investigation. Solvent and petroleum-related VOCs and metals were detected in the groundwater sample above NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). VOCs were detected above AWQSGVs in pre- and post-process water samples. Based on elevated photoionization detector (PID) readings and laboratory analytical data from the soil borings surrounding the on-site tank system, Spill No. 0101620 was assigned to the historical address 3301 Atlantic Avenue.

AKRF recommended preparation of a work plan to be submitted to NYSDEC to further delineate, excavate, and dispose of petroleum-contaminated soil at the Site to close Spill No. 0101620.

Phase I Environmental Sie Assessment – 3301 Atlantic Avenue, 3238 Fulton Street, 226-296 Euclid Avenue, and 215-279 Chestnut Street, Brooklyn, New York, Property Solutions, Inc., June 2010

Property Solutions, Inc. (PSI) conducted a Phase I ESA of a larger area including the Site in April 2014. The Phase I ESA identified historical uses, including a machine and iron works facility, an electrical cable manufacturer, and a food processing plant; records indicating that five underground storage tanks (USTs) were previously located at 3301 Atlantic Avenue; and Historic Recognized Environmental Conditions, including listings in the Leaking UST and Spills databases. PSI recommended conducting a subsurface investigation, including a geophysical survey, to investigate the potential impacts associated with historical operations and fuel oil storage.

Asbestos Investigation and Bulk Sample/Laboratory Analysis – 3301 Atlantic Avenue, Brooklyn, New York, Safety Environmental, Co. of NY, Inc., July 2013

Safety Environmental, Co. of NY, Inc. (Safety Environmental) conducted an asbestos survey of the buildings located on the Site's block. A total of 131 samples were collected for laboratory analysis from on- and off-site portions of the buildings. Asbestos-containing material (ACM) was identified within the building at the following locations: boiler No. 4 door insulation, boiler No. 3 caulking, first floor pipe insulation, roof transite shingles, roof membranes, roof flashing, and roof vent membranes.

Based on AKRF's inspections prior to building demolition, the boilers were formerly located on the northwestern portion of Atlantic Chestnut – Lot 1. It is unknown how many ACM samples were collected at the Site vs. the adjacent lots to the north. Safety Environmental recommended removal of all ACM prior to demolition of the buildings.

Phase I Environmental Sie Assessment – 3301 Atlantic Avenue (Block 4143, Lot 1), Brooklyn, New York, Legette, Brashears, & Graham, Inc., March 2014

Legette, Brashears, & Graham, Inc. (LBG) conducted a Phase I ESA of the Site's block in April 2014. The Phase I ESA identified Recognized Environmental Conditions associated with former uses, including: blacksmithing and stamping, a machine and iron works shop, an electric cable manufacturer, a gasoline filling station, and listings in the Spills database. The report noted the following *de Minimis* conditions: nearby hazardous materials/waste storage, use, or releases; and the potential presence of ACM, lead-based paint (LBP), and fluorescent lighting. LBG recommended that any contaminated soil discovered during redevelopment should be handled according to applicable federal, state, and local regulations.

Chain of Title Summary Report – 3301 Atlantic Avenue and 242 Chestnut Street, Brooklyn, New York, Phipps Houses, 2015

A Chain of Title Summary Report compiled by Phipps Houses outlined ownership of the Site's block between 2004 and 2015. The report showed the transfer of ownership from Blue Ridge Farms, Inc. to 3301 Atlantic Avenue, LLC in May 2004; from 3301 Atlantic Avenue, LLC to Sapphire Luxury Estates, LLC in July 2013; a foreclosure and sale judgment for the Site's block to be sold at public auction in September 2013; and an agreement for assignment of rights and claims from Blue Ridge Farms, Inc. to 3301 Atlantic Partners, LLC in March 2014.

Phase I Environmental Sie Assessment – 3301 Atlantic Avenue and 242 Chestnut Street, Brooklyn, New York, AKRF, September 2015

AKRF conducted a Phase I ESA of a larger area including the Site in September 2015. The Phase I ESA identified the following:

- Historical on-site industrial operations, including the Columbia Machine Works and Malleable Iron Company, and the Columbia Cable and Electric Corporation. Undocumented releases from historical industrial uses may have affected subsurface conditions at the Site.
- The address 3301 Atlantic Avenue was formerly associated with the entirety of Block 4143. At the time of the Phase I ESA, 3301 Atlantic Avenue was listed in the following databases: the NYSDEC Petroleum Bulk Storage (PBS) database for the storage of several USTs and aboveground storage tanks (ASTs); Comprehensive Environmental Response, Compensation, and Liability Information System; Chemical Bulk Storage; Spill database; Toxic Release Inventory System; and Air Discharge databases. These listings may have been related to the Site and/or north-adjacent property(ies).
- The former interconnected factory buildings on the northeastern portion of the Site and the north-adjacent properties (Atlantic Chestnut Lots 1 and 2) were damaged by a fire in 2012. Abundant debris, including metal, wood, and ash, were observed throughout the buildings. Based on the documented storage of petroleum and chemicals, the report noted that undocumented discharges due to the fire may have affected subsurface conditions at the Site, including high concentrations of metals and SVOCs in the ash.
- Two July 2013 Asbestos Reports identified ACM throughout the buildings' interiors and on exterior built-up roofing materials. Interior and exterior building materials were observed to be in fair to poor condition, with the majority of the northeastern portion of the Site buildings damaged by the fire. Observed painted surfaces were generally in fair to poor condition. Based on the age of the Site buildings, the report noted that LBP may have been present and the fluorescent lighting fixtures and remaining electrical equipment may have contained mercury and/or polychlorinated biphenyls (PCBs). No evidence of leaks or stains from these fixtures and equipment was observed; however, it was noted that releases may have occurred during the fire that were not able to be investigated due to inaccessibility and/or debris throughout the Site buildings.

AKRF recommended an SI (Phase II) to investigate subsurface conditions.

Subsurface (Phase II) Investigation Report – Atlantic Chestnut Lot 3, Brooklyn, New York, AKRF, January 2016

AKRF conducted an SI (Phase II) at the Site in December 2015. The investigation included: the advancement of three soil borings with the collection and laboratory analysis of six soil samples; the installation of two temporary, one-inch-diameter groundwater monitoring wells at two of the boring locations with the collection and laboratory analysis of groundwater samples from each; and the installation of two temporary soil vapor points with the collection and laboratory analysis of soil vapor samples from each. An ambient air sample was collected from the northern portion of the Site's block for comparison purposes.

Historic fill materials (including sand, gravel, silt, clay, ash, concrete, brick, and asphalt) were observed from just below the surface to approximately three feet bgs within the soil borings, underlain by apparent native sand, clay, and gravel to termination depths. No elevated PID readings were detected in the soil borings advanced during the investigation.

No free phase product was detected in either of the monitoring wells during the sampling event; however, a slight sheen was observed on the groundwater in monitoring well L3-SI-MW-1 during sampling. Results of the soil sample analysis were as follows:

- The VOC cis-1,2-dichlroroethylene (cis-1,2-DCE) was detected in soil sample L3-SI-SB-4 (14-15) at a concentration above its Unrestricted Use Soil Cleanup Objective (UUSCO), but below its RRSCO. Trichloroethylene (TCE) was detected in soil samples L3-SI-SB-1 (0-2) and L3-SI-SB-4 (14-15) at concentrations exceeding its UUSCO and RRSCO. TCE is a chlorinated solvent, which was likely used during historical operations at the Site, and cis-1,2-DCE is a breakdown compound of TCE.
- Zinc was detected in soil sample L3-SI-SB-4 (0-2) at a concentration exceeding its UUSCO, but below its RRSCO. This metal detection is likely related to historic filling and/or historical operations at the Site.
- PCBs were not detected above laboratory reporting limits, and SVOCs and pesticides were not detected above applicable standards in any of the soil samples analyzed.

Results of the groundwater sample analyses were as follows:

- The VOCs trans-1,2-dichloroethylene (trans-1,2-DCE) and vinyl chloride were detected in groundwater sample L3-SI-GW-1 at concentrations above their respective AWQSGV. TCE was detected in both of the groundwater samples (L3-SI-GW-1 and L3-SI-GW-4) at concentrations above its AWQSGV. The detection of TCE is likely related to historical operations at the Site, and trans-1,2-DCE is a breakdown compound of TCE.
- The SVOCs benzo(a)anthracene and chrysene were detected in groundwater sample L3-SI-GW-1 at estimated concentrations above their respective AWQSGVs. However, these detections were likely related to sediment entrained in the sample and not necessarily indicative of groundwater conditions at the Site.
- Nickel was detected in unfiltered groundwater sample L3-SI-GW-4 at a concentration exceeding its AWQSGVs. Sodium was detected in both of the unfiltered groundwater samples L3-SI-GW-1 and L3-SI-GW-4 at concentrations above its AWQSGVs. Sodium was also detected in the filtered groundwater samples L3-SI-GW-1 and L3-SI-GW-4 in concentrations above its AWQSGVs.
- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples analyzed.

Results of the soil vapor sample analyses were as follows:

- Petroleum-related compounds were detected in each of the soil vapor samples at individual concentrations up to 392 micrograms per cubic meter ($\mu g/m^3$) (toluene). Solvent-related compounds were detected at individual concentrations up to 9,190 $\mu g/m^3$ (TCE). According to the New York State Department of Health (NYSDOH) Soil Vapor/Indoor Air Matrix 1, the applicable matrix for TCE, sub-slab soil vapor concentrations of 60 $\mu g/m^3$ and above resulted in a "mitigate action," even if the indoor air concentration is less than 0.2 $\mu g/m^3$. TCE is a chlorinated solvent, which was likely used during historical operations at the Site.

The report concluded that there was solvent-related contamination in soil, groundwater, and soil vapor and petroleum-related contamination in soil vapor present at the Site. These detections appeared to be related to historical use at the Site.

BCA Amendment Application – 275 Chestnut Street, Brooklyn, New York, AKRF, July 2017

AKRF prepared a BCA Amendment for the Site in July 2017 to document the change of address from 3301 Atlantic Avenue to 275 Chestnut Street, as filed with the NYC Department of Buildings (NYCDOB); and to document the alteration of the northern property boundary, resulting in an acreage increase from 1.0475 acres to 1.202 acres. The BCA Amendment was recorded on October 23, 2017.

Remedial Investigation Report – 275 Chestnut Street, Brooklyn, New York, AKRF, December 2017

AKRF conducted a Remedial Investigation (RI) at the Site from December 2 to 14, 2016, and a Supplemental RI (SRI) from November 6 to December 12, 2017. The scope of the RI was based on a November 2016 RI Work Plan and the scope of the SRI was based on a November 2017 SRI Work Plan. The scope of both the RI and SRI included: the performance of a geophysical survey and utility mark-outs; the advancement of 36 borings across the Site and collection of 130 soil samples for chemical analysis from the borings to evaluate soil quality; the installation of 11 permanent 2-inch-diameter groundwater monitoring wells and 7 permanent 2-inch-diameter nested groundwater monitoring wells and collection of 32 groundwater samples for chemical analysis from the monitoring wells to evaluate groundwater quality; the installation of 7 temporary soil vapor probes across the Site and collection of soil vapor samples from each probe; collection of an ambient air sample for chemical analysis; and a survey of groundwater monitoring well elevations on the Site and the north-adjacent lots (Atlantic Chestnut Lots 1 and 2) to develop groundwater contour maps and determine groundwater flow beneath the Site and surrounding area.

The goal of the RI was to determine the extent of soil, groundwater, and soil vapor contamination identified during AKRF's December 2016 SI. The goal of the SRI was to further delineate soil and groundwater contamination identified during the RI, to investigate the presence of emerging contaminants (1,4-dioxane, perfluorooctanoic acid, and perfluorooctanesulfonic acid) in groundwater across the Site, and to aid in the design of the remedy. Based on the RI results, the primary contaminants of concern (COCs) include chlorinated VOCs (CVOCs), specifically TCE and its breakdown compounds 1,1-dichloroethylene (1,1-DCE), cis-1,2-DCE, and trans-1,2-DCE, in soil; TCE and tetrachloroethylene (PCE), and their associated breakdown compounds vinyl chloride, 1,1-DCE, cis-1,2-DCE, and trans-1,2-DCE, in groundwater; and TCE and PCE in soil vapor.

The CVOCs detected in soil above NYSDEC UUSCOs, RRSCOs, and/or Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) were mostly found in the northern portion of the Site, with the greatest concentrations of TCE at borings L3-SRI-SB-16 [383 micrograms per kilogram (mg/kg)] and L3-SRI-SB-17 (351 mg/kg) from 4 to 5 feet bgs. TCE was also detected above UUSCOs and PGWSCOs in the southwestern portion of the Site at L3-RI-SB-6 (5.47 mg/kg) from 12 to 13 feet bgs. The TCE contamination on the northern portion of the Site extended vertically down to 7 to 13 feet bgs, except at L3-SRI-SB-2, where the contamination extended down to 25 feet bgs, and L3-RI-SB-2 and L3-RI-SB-3, where it extended down to the shallow groundwater table. The greatest concentrations of 1,1-DCE, cis-1,2-DCE, and trans-1,2-DCE were found at borings L3-SRI-SB-15 and L3-SRI-SB-16, also located in the northern portion of the Site. In addition to the CVOCs, the metals copper, lead, hexavalent chromium, mercury, and zinc were present in soil across the Site at concentrations above UUSCOs. Mercury was additionally detected in one

shallow sample on the western portion of the Site above its RRSCO. These exceedances are most likely attributable to historic filling, undocumented discharges due to the 2012 fire, and/or historical operations at the Site.

The vertical and horizontal extent of CVOCs in groundwater was consistent with a Site-specific groundwater flow to the south and southwest, and the concentrations of CVOCs in soil. The greatest concentrations of TCE in the shallow groundwater were found in the north-central portion of the Site, specifically at L3-RI-MW-2S [1,070 micrograms per Liter (µg/L)] and L3-SRI-MW-10S (408 µg/L), with lesser concentrations on the western and southwestern portions of the Site ranging from 89.7 µg/L (L3-RI-MW-4S) to 322 µg/L (L3-SRI-MW-7S). TCE concentrations decreased significantly vertically and horizontally moving southeast across the Site. PCE was detected slightly above its respective AWQSGV in L3-RI-MW-1S (6.4 µg/L) and L3-RI-MW-2S (5.2 µg/L) in the northern and western portions of the Site. TCE breakdown compounds, including 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, were detected above their respective AWQSGVs in samples collected from wells L3-RI-MW-6S, L3-SRI-MW-7S, and L3-SRI-MW-6I, which are located on the southern portion of the Site, close to the in-situ chemical oxidation (ISCO) injection points associated with closed NYSDEC Spill Nos. 8805745 and 0101620. The elevated detections of breakdown compounds are likely related to the partial treatment of CVOCs from the ISCO program that was conducted to remediate the petroleum spills.

Elevated concentrations of TCE and PCE were detected in each of the soil vapor samples collected along the eastern, southern, and western Site boundaries. The highest concentrations of TCE and PCE were 7,690 µg/m^3 (L3-RI-SV-5) and 8,070 µg/m^3 (L3-RI-SV-4), collected from the southeastern and southwestern Site boundaries, respectively. Cis-1,2-DCE was detected at 1,150 µg/m^3 (L3-RI-SV-6) on the southwestern portion of the Site. In addition, the refrigerants trichlorofluoromethane and dichlorodifluoromethane were detected in several soil vapor samples across the Site, with the highest concentrations in the northwestern portion of the Site (323 µg/m^3 of dichlorodifluoromethane) at the location of the former Chloe Foods cold storage room.

Interim Remedial Measure Work Plan (for SVE system) – Atlantic Chestnut – Lot 3, 275 Chestnut Street, Brooklyn, New York, AKRF, August 2018

AKRF prepared an IRMWP in August 2018 for installation of a SVE system. The IRMWP was prepared to address the potential for off-site migration of soil vapor until the selected remedy is implemented under a NYSDEC-approved RAWP. The IRMWP was approved by NYSDEC in August 2018.

Construction Completion Report – Atlantic Chestnut – Lots 1, 2, and 3, 250 Euclid Avenue, 254 Euclid Avenue, and 275 Chestnut Street, AKRF, August 2022

AKRF installed and operated an aboveground SVE system at the Site and the two north-adjoining sites (Atlantic Chestnut Lots 1 and 2) to prevent off-site migration of contaminated soil vapor until it could be addressed under NYSDEC approved RAWPs. The report detailed pilot testing, design, installation, and operation, maintenance, and monitoring (OM&M) of the systems, and included OM&M Plans as attachments. The associated CCR was approved in October 2022.

Interim Remedial Measure Work Plan for Pedestrian Plaza Excavation – Atlantic Chestnut – Lot 3, 275 Chestnut Street, Brooklyn, New York, AKRF, March 2023

AKRF prepared an IRMWP dated March 2023 to enable remedial excavation of source material in the Pedestrian Plaza, in conjunction with the ongoing remedial excavation at Atlantic Chestnut – Lot 2 until the full remedy included in the RAWP can be implemented. The IRMWP was approved by NYSDEC in a letter dated March 23, 2023.

Pre-Design Investigation Work Plan – Atlantic Chestnut – Lot 3, 275 Chestnut Street, Brooklyn, New York, AKRF, June 2023

AKRF prepared a Pre-Design Investigation (PDI) Work Plan (PDIWP) dated June 2023 to refine the Remedial Actions to be included in the RAWP, which was forthcoming at that time. The PDIWP proposed the advancement of soil borings and the collection of groundwater samples. The PDIWP was approved by NYSDEC in a letter dated June 16, 2023.

Remedial Action Work Plan – Atlantic Chestnut – Lot 3, 275 Chestnut Street, Brooklyn, New York, AKRF, October 2024

AKRF prepared a RAWP for the Site under the BCP. The RAWP outlined the Remedial Action Objectives (RAOs), which established procedures and cleanup objectives for the protection of public health and the environment. The RAWP established Track 2 SCOs; required removal of all soil above RRSCOs within the upper 15 feet bgs and any additional source material; specified soil handling procedures; required the implementation of a sub-slab depressurization system; required preparation of a Site Management Plan and filing of an Environmental Easement; and included a contingency for a Track 4 cleanup in the event the Track 2 cleanup could not be achieved. Under the Track 4 cleanup, a cover system would be required. The RAWP also required that any petroleum storage tanks and/or soil exceeding hazardous waste criteria would be properly removed.

The RAWP also reported the results of a PDI implemented throughout 2023 based on the scope included in the June 2023 PDIWP. The PDI included the advancement of 16 borings with the collection of 130 soil samples, and the collection of 14 groundwater samples throughout the Site.

Results of the soil sample analysis were as follows:

- TCE was detected above its RRSCO, UUSCO, and PGWSCO in select samples in borings L3-PDI-05 (max. 570 mg/kg at 4 to 5 feet bgs), L3-PDI-08 (max. 32 mg/kg at 2 to 4 feet bgs), L3-PDI-09 (max. 140 mg/kg at 0 to 2 feet bgs), and L3-WC-10-11 (73 mg/kg at 15 to 17 feet bgs). Additionally, cis-1,2-DCE (max. 1.8 mg/kg), acetone (max. 0.044 mg/kg), methylene chloride (max. 0.17), and trans-1,2-DCE (0.23 mg/kg) were detected above the UUSCOs and PGWSCOs in select samples in borings L3-PDI-01, L3-PDI-05, and L3-PDI-08. Lastly, 1,1-DCE was detected at a concentration (0.32 mg/kg) above the UUSCO, but below the RRSCO and PGWSCO in one sample. Acetone and methylene chloride are common laboratory contaminants but were not detected in the corresponding laboratory blanks; therefore, the data should be used with caution when making decisions regarding detections in field samples. When compared to the SI, RI, and SRI, soil concentrations from the PDI were found to be consistent.

Results of the groundwater sample analysis were as follows:

- PCE and vinyl chloride were detected in groundwater at monitoring wells L3-RI-MW-04 (8.7 µg/L) and L3-RI-MW-06 (80 µg/L), respectively, at concentrations above their AWQSGVs. Chloroform was also detected above its AWQSGV at monitoring wells L3-SRI-MW-01I (9.2 µg/L) and L3-TW-10 (23 µg/L); however, chloroform is a disinfection by-product commonly found in tap water and is typically not associated with an on-site source of contamination. The detected chloroform may be attributed to drinking water lines leaking into groundwater. Sodium exceeded its AWQSGV in several samples; however, it is a known naturally occurring compound and not indicative of on-site contamination. When compared to the SI, RI, and SRI, groundwater concentrations from the PDI were significantly less.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Conceptual Model of Site Contamination

Historic industrial and manufacturing operations at the Site appear to have resulted in contamination of soil, groundwater, and soil vapor. The conceptual site model has been updated since the RIR based on the results of the PDI reported in the RAWP (discussed in Section 3.0). CVOC contamination is present in shallow soil across the Site (up to 15 feet bgs; however, predominately up to 10 feet bgs) and in the deep soil in the north-central portion of the Site (up to 33 feet bgs). CVOCs are present within shallow groundwater (water table is approximately 32 feet bgs) in the southwestern corner of the Site, while CVOC contaminated soil vapor is Site-wide. Based on groundwater flow at the Site, the contaminants in shallow groundwater are likely migrating off-site to the south. Additionally, when organic compounds are exposed to air, contamination can partition from soil and groundwater and migrate in a vapor phase through the pore spaces in unsaturated soil. The vapors can accumulate beneath structures such as pavement and building foundations; however, off-site migration is being mitigated with the operation of the IRM SVE system. The affected media for the existing or potential future uses at the Site include soil, groundwater, and soil vapor.

Historic filling, undocumented discharges due to the fire in 2012, and/or historical operations at the Site have likely resulted in the metals contamination in the fill (up to 16 feet bgs). Additionally, deeper soil (up to 33 feet bgs), in the apparent native interval, is contaminated with the metal hexavalent chromium.

4.2 Contaminated Media

The CVOCs TCE (in soil and soil vapor), PCE (in soil, groundwater, and soil vapor), cis-1,2-DCE (in soil and soil vapor), trans-1,2-DCE (in soil), 1,1-DCE (in soil), vinyl chloride (in groundwater), and carbon tetrachloride (in soil vapor) are present at the Site.

In soil, CVOCs detected above UUSCOs, RRSCOs, and/or PGWSCOs were found primarily in the northern portion of the Site. The greatest concentrations of TCE from the SI, RI, and SRI were detected in the Pedestrian Plaza at borings L3-SRI-17 and L2-RI-SB-10 from 4 to 5 feet bgs at concentrations of 351 mg/kg and 134 mg/kg, respectively (see Figure 8 of the RIR); and from the PDI south-adjacent to the Pedestrian Plaza at concentrations of 570 mg/kg at borings L3-PDI-05 and L3-WC-12A at 4 to 5 feet bgs and 4 feet bgs, respectively (see Figure 4a of the RAWP). TCE exceedances of UUSCOs and/or PGWSCOs were predominantly shallower than 10 feet bgs, except for the north-central portion of the Site where exceedances extended vertically down to 17 to 33 feet bgs (when including the results of the PDI) and the southeastern portion of the Site where exceedances extended to 12 to 13 feet bgs. Metals were present in the historic fill layer at concentrations above UUSCOs and/or RRSCOs up to 16 feet bgs across the Site. The metal hexavalent chromium was additionally detected above its UUSCO at 28 to 33 feet bgs throughout the Site.

The groundwater results from the SI, RI, and SRI (see Figure 9 of the RIR) indicated an irregularly shaped CVOC plume (concentrations above AWQSGVs) that extended across the majority of the Site. The greatest concentration for the shallow interval (10-foot well screens from approximately 25 to 40 feet bgs) was located in the north-central portion of the Site at L3-RI-MW-2, with a TCE concentration of 1,070 µg/L. For the intermediate interval (5-foot well screens from approximately 50 to 60 feet bgs), the greatest concentration was located in the northwestern portion of the Site at L3-SIR-MW-1I, with a TCE concentration of 10.5 µg/L. TCE was not detected above AWQSGVs in the groundwater samples collected from deep-screened monitoring wells (5-foot well screens from approximately 75 to 80 feet bgs). However, since the SI, RI, and SRI groundwater sampling in 2015 through 2017, IRM activities have been implemented [i.e., operation of the IRM SVE

system; implementation of an ISCO groundwater treatment program and remedial excavation at the upgradient Atlantic Chestnut – Lot 2]. Therefore, groundwater was resampled for CVOCs in accordance with the PDIWP discussed in Section 3.0. The PDI documented (as reported in the RAWP) significant degradation of the CVOCs in groundwater. AWQSGV exceedances for the PDI were limited to PCE at a concentration of 8.7 µg/L from L3-RI-MW-4S and vinyl chloride at a concentration of 80 µg/L from L3-RI-MW-6S (see Figure 5a of the RAWP).

CVOCs were detected in soil vapor at individual concentrations up to 9,190 µg/m^3 (TCE) and petroleum-related VOCs were detected at individual concentrations up to 392 µg/m^3 (toluene) throughout the Site.

4.3 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) was completed as part of the RI Report. The results of the QHHEA indicated that the soil and groundwater conditions at that time did not pose a threat to human health, as the Site was undeveloped and fully capped with concrete and asphalt, and groundwater was not used as a source of drinking water in this part of Brooklyn. In addition, the QHHEA concluded that there was a potential exposure pathway from soil vapor emanating from the subsurface to enter the adjoining buildings as a result of any basement floor or lower wall openings/cracks. The indoor air quality at the adjoining properties could be susceptible to contamination from subsurface vapor intrusion. In response to the QHHEA, to prevent the off-site migration of soil vapor, an IRM SVE system was installed and operates at the Site. The IRM SVE System will not be turned off without NYSDEC and NYSDOH approval.

As documented in this CCR, the previous Site cap consisting of concrete and asphalt in the Pedestrian Plaza was removed to facilitate excavation in that portion of the Site under the March 2023 IRMWP. This created a potential exposure pathway (direct contact of soil); however, mitigation measures included in March 2023 IRMWP were implemented, including the Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP), to protect and limit exposure of workers and the surrounding community to contaminated soil, dust, groundwater, and/or soil vapors during soil removal.

5.0 DESCRIPTION OF INTERIM REMEDIAL MEASURE PERFORMED

The IRM completed at the Site was conducted in accordance with the NYSDEC-approved March 2023 IRMWP.

5.1 Governing Documents

5.1.1 Site Specific Health & Safety Plan

The HASP was included in Appendix A of the IRMWP. All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by federal Occupational Safety and Health Administration requirements. All remedial and invasive work performed at the Site complied with the HASP.

5.1.2 Community Air Monitoring Plan

The CAMP was included in Appendix B of the IRMWP. The purpose of the CAMP was to establish air quality monitoring procedures and action limits for airborne particulate concentrations, VOC concentrations, and nuisance odors in the vicinity of remedial activities. Inspection and monitoring of the contractor's work practices were ongoing during the completion of remedial work. Proactive misting was conducted, weather-permitting, and response actions were implemented in response to CAMP exceedances.

Community air monitoring consisted of at least two fixed, automated stations to continuously log both instantaneous values and 15-minute time-weighted average values for VOCs and particulates with a MiniRAE 3000 PID equipped with a 10.6 electron Volt (eV) lamp and TSI 8530 DustTrak particulate meter, respectively. The stations were generally located upwind and downwind of the intrusive work along the perimeter of the Site. Station locations were determined prior to the start of work each day, depending on the location of work and wind direction, and were adjusted throughout the day. All applicable remedial and invasive work performed at the Site complied with the CAMP.

5.1.3 Quality Assurance Project Plan

The Quality Assurance Project Plan (QAPP) was included as Appendix C of the RAWP. The purpose of the QAPP was to establish policies, objectives, organization, functional activities, and quality assurance/quality control (QA/QC) activities designed to achieve the project data quality objectives. All applicable remedial and invasive work performed at the Site complied with the QAPP.

5.1.4 Citizen Participation Plan

A Citizen Participation Plan (CPP) was approved by NYSDEC and NYSDOH in September 2016. Document repositories were established in the CPP at the locations listed in **Table T1**, and contain all applicable project documents including the March 2023 IRMWP:

Table T1
Document Repositories

Cypress Hills Branch Library Brooklyn Public Library 1197 Sutter Avenue Brooklyn, NY 11208	Brooklyn Community Board District 5 404 Pine Street, 3rd Floor Brooklyn, NY 11208

Project documents can also be found at the NYSDEC DECInfo Locator for the Site at *https://www.dec.ny.gov/data/DecDocs/C224236/*. All Fact Sheets included a Spanish translation.

5.2 Remedial Program Elements

5.2.1 Contractors and Consultants

- AKRF served as the environmental consultant and Qualified Environmental Professional (QEP) responsible for oversight and performance of the IRM work with respect to the NYSDEC-approved March 2023 IRMWP under the oversight of the Remedial Engineer (RE).
    - The RE was Michelle Lapin, P.E., of AKRF. Ms. Lapin is a registered P.E. licensed by the State of New York (License No. 073934-1) and had primary responsibility for implementation of the remedial program included in the IRMWP.
    - The Quality Assurance Officer was Deborah Shapiro, QEP. Ms. Shapiro was responsible for adherence to the IRMWP and reviewed the procedures with all personnel prior to commencing any fieldwork. She conducted periodic Site visits to assess implementation of the procedures.
    - The project manager was Kenneth Wiles. Mr. Wiles' primary responsibility was to oversee and manage implementation of the IRM, including: assisting with the remedial activities in the field, scheduling, reporting, attending Site meetings, corresponding with the Site owner and regulatory agencies, and preparing this CCR. Mr. Wiles was responsible for the general oversight of all aspects of the project, including budgeting, data management, and field program decision-making.
    - The primary Site Safety Officers and field technicians for the implementation of the IRM were Marco Balletta and Claire Bearden. Mr. Balletta and Ms. Bearden were responsible for implementing the IRMWP, HASP, and CAMP in the field, and reporting.
- Monadnock Construction of Brooklyn, NY was the construction manager and general contractor. Monadnock Construction provided health and safety oversight for the duration of the project.
- United Concrete of Brooklyn, NY served as the excavation contractor.
- Clean Earth Inc. of Hatfield, Pennsylvania served as the soil broker and disposal approval manager.
- Eastern Environmental Solutions Inc. of Manorville, NY decommissioned the groundwater monitoring wells.
- Eurofins-TestAmerica of Edison, New Jersey, Lancaster, PA, Burlington Vermont, and Denver, Colorado served as the environmental analytical laboratory for all endpoint samples and all import samples. Eurofins-TestAmerica is a New York State Environmental Laboratory Approval Program (ELAP)-certified laboratory.
- L.A.B Validation Corp. of East Northport, NY was the third-party data validator who prepared the Data Usability Summary Reports (DUSRs) and validated electronic data deliverables (EDDs) for NYSDEC submittal via the Environmental Quality Information System (EQuIS™).

- US Environmental of Hamilton, NJ provided the air monitoring rental equipment.
- New York City Land Surveyors, PC of Staten Island, NY served as the New York State-licensed surveyor.

5.2.2 Site Preparation

A separate pre-construction meeting for implementation of the IRM was not held; however, the construction activities were performed concurrently with implementation of the RAWP for Atlantic Chestnut – Lot 2 and the constructions teams were identical. The pre-construction meeting for Atlantic Chestnut - Lot 2 was held on December 7, 2022 with AKRF, the Volunteer, the general and foundation contractors, NYCOER, and NYSDEC in attendance.

Site preparation activities involving major mobilization events for the completion of the remedial work included the following:

- Mobilization – Mobilization of contractors for the IRM and Atlantic Chestnut – Lot 2 RAWP implementation occurred simultaneously in January 2023 and included the installation of trailers, Site security setup, equipment mobilization, utility mark outs, marking and staking of excavation areas, and removal of vegetation. No intrusive work occurred on the Site until March 2023, when the asphalt and concrete Site cap in the Pedestrian Plaza portion of the Site was removed, along with foundation elements from the former building in this area for IRM implementation.
- Erosion and Sediment Controls – Prior to commencing IRM implementation, perimeter erosion and sediment controls and drainage inlet protection were installed, including a stabilized construction pad at the Site's entrance/exit location and appropriate Site grading to direct any surface water towards the central portion of the Site. Throughout the duration of IRM implementation, erosion and sediment controls were repaired or replaced on an as-needed basis.
- Site Fencing – Prior to the start of IRM implementation, the Site was secured with a plywood construction fence installed around the perimeter of the Site.
- Monitoring Well Decommissioning – To facilitate remedial excavation according to the IRMWP, groundwater monitoring wells installed during the previous investigations in the Pedestrian Plaza portion of the Site were decommissioned in accordance with NYSDEC Commissioner's Policy-43 (CP-43): Groundwater Monitoring Well Decommissioning Policy. Decommissioning logs are included in **Appendix A**.

The Volunteers complied with all federal, state, and local requirements during the implementation of the IRM. All permits and government approvals required for remedial construction were obtained prior to the start of remedial construction.

5.2.3 General Site Controls

The following Site controls were implemented during the completion of remedial work:

- Site Security – The Site was completely closed from public access during IRM implementation by locking gates along Atlantic Avenue, Euclid Avenue, and Chestnut Avenue. During some work activities, the entrance gate was open, but use was restricted to authorized personnel and pedestrians were restricted from entering the Site. A security guard was stationed at the Site following the completion of work each day and on weekends.

- Job Site Record Keeping – Job site record keeping was appropriately documented during the completion of all phases of the remedial work by taking notes in dedicated field books, filling out appropriate sampling log sheets, taking digital photographs, and collecting available copies of disposal or material specification documentation from contractors completing the remedial work.
- Erosion and Sediment Controls – Erosion and sediment controls included a stabilized construction pad at truck entrances/exits, perimeter controls, storm drain/drainage inlet protection, runoff protection of soil stockpiles (i.e., covered and surrounded with haybales), and dust suppression using hoses connected to a fire hydrant. Routine inspections, repairs, and maintenance of control measures were completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the Site were inspected to ensure that no soil adhered to the wheels or undercarriage of the vehicles. No situations occurred involving material spilled in transit and all mud and dust tracked off-site were promptly cleaned up. The access routes were inspected for road conditions, overhead clearance, and weight restrictions. No erosion or sedimentation problems occurred during performance of the IRM.
- Equipment and Material Staging – Staging and storage of equipment and materials were contained within the secured Site trailer or on-site locking storage sheds during completion of the remedial work. Site machinery was shut down and locked on-site at the end of each workday.
- Soil Screening Results – During IRM excavation, the maximum PID reading was 5 parts per million.
- Equipment Decontamination Procedures – All soil sampling equipment was either dedicated or decontaminated between sampling locations. The equipment decontamination procedure established in the QAPP, included in Appendix C of the IRMWP, was implemented during use of any non-dedicated sampling equipment.
- Stockpile Methods – Excavated materials were screened continuously for contamination during all earthwork. Material was separated by waste streams (i.e., disposal facility) and construction wastes. Excavated materials were segregated (based on field screening results) and placed on, and covered with, polyethylene sheeting surrounded with haybales pending off-site disposal at the appropriate receiving facility.

  All work was conducted under the NYSDEC-approved IRMWP for the Site.

5.2.4 Nuisance Controls

- Stockpile Methods – Excavated materials were screened continuously for contamination during all earth work. Material was separated by waste streams (i.e., disposal facility) and construction wastes. Excavated materials were segregated (based on field screening results) and placed on, and covered with, polyethylene sheeting and surrounded with haybales pending off-site disposal at the appropriate receiving facility. Staged soil/fill was inspected daily, and any damaged tarps were replaced the same day. Soil/fill was staged as far from the Site boundaries as possible, and the Site was graded to ensure erosion of any staged soil/fill piles did not leave the Site.
- Truck Wash and Egress Housekeeping – Egress points for truck and equipment transport from the Site were kept clean of dirt and other materials during remedial work using hoses connected to the fire hydrants on Atlantic Avenue via a reduced-pressure-zone valve. Material transported by trucks exiting the Site was secured with tight-fitting covers. Trucks were washed prior to leaving the Site when deemed necessary

by AKRF personnel. The truck tracking pad was constructed with imported stone, which was replaced and/or repaired throughout IRM implementation, as deemed necessary by AKRF personnel.

- Airborne Particulate Control – Airborne particulate concentrations were monitored using hand-held (roving) particulate monitoring equipment on a periodic basis (minimum once per hour), and continuously during all work at upwind and downwind fixed monitoring stations. The fixed stations used radiotelemetry to send real time alarms to field personnel if the CAMP air monitoring action levels were exceeded (Section 5.2.5). Airborne particulate suppression necessitated by soil removal, demolition work, cutting concrete, and chopping bedrock was achieved using hoses capable of spraying water directly onto excavations and temporary staging areas.
- Odor Control – Odors were monitored within the work zone and community via olfactory inspection and with a PID. Slight solvent-like odors were encountered in soil/fill throughout the Pedestrian Plaza (predominantly in the central portion). Odors were controlled by staging excavated material on top of and under polyethylene sheeting and live-loading the material when possible. Based on work zone and community air monitoring results, additional odor control techniques were not deemed necessary during contaminated material excavation or loading, or during the remainder of IRM implementation.
- Truck Routing – Trucks were routed to and from the Site in accordance with NYC Department of Transportation truck routes.
- Complaints Response – One complaint was received throughout the duration of the IRM implementation (complaint issued during the concurrent remedial excavation at Atlantic Chestnut – Lot 2). The complaint, response, and any action item are detailed below:
    - NYCDOB Complaint No. 3919048: On July 18, 2023, a complaint was received related to a sustainability enforcement work order for the NYC energy conservation code. On July 19, 2023, the NYCDOB inspected the Site. On July 20, 2023, NYCDOB determined that no violation was warranted related to the complaint, and it was resolved that day.

5.2.5 Community Air Monitoring Program Results

Community air monitoring was performed for VOCs and airborne particulate matter at upwind and downwind fixed monitoring stations at the perimeter of the remedial excavation during all IRM activities. Station locations were adjusted daily depending upon wind conditions, planned work locations, and logistical feasibility based on Site work. CAMP station location, wind direction, and work area location(s) were provided in each daily report submitted to NYSDEC and NYSDOH. Daily reports are provided in **Appendix B** and CAMP data are provided in **Appendix C**.

Instantaneous action level exceedances of airborne particulates and VOCs were reported in the daily report corresponding to the date of the exceedance(s).

A total of 10 CAMP excursions of the 15-minute time weighted average were detected for particulates. Particulate exceedances were recorded at the downwind air monitoring stations on February 2, February 3, July 31, August 1, August 3, August 4, 2023, and September 6, 2023, related to high winds, concrete hammering activities, and heavy equipment movement. The contractor applied dust suppression (water) upon notification and the exceedance conditions subsided. Site work was stopped for the remainder of the

day following the particulate exceedances caused by high winds on February 3, 2023. Additional CAMP excursions were recorded during remedial activities; however, these exceedances were due to elevated background conditions (Canadian wildfires), off-site sources, or were not related to subsurface disturbance and remediation activities. CAMP excursions were documented in the respective daily and monthly progress reports and were reported to the NYSDEC project manager the same day.

Attached **Table 1** summarizes CAMP excursions. Copies of all field data sheets relating to the CAMP are provided in electronic format in **Appendix C**.

As a precaution when the upwind air monitoring station recorded particulate readings above the action levels, the contractor applied dust suppression (water) upon notification and the conditions subsided. This occurred on February 3, February 10, and August 10, 2023, and were related to high winds and heavy equipment movement.

5.2.6 Reporting

Daily Reports – Daily reports were submitted to the NYSDEC project manager throughout the duration of IRM implementation. The daily reports included an update of progress made during the reporting day, locations of work and quantities of material imported and exported from the Site, references to a Site map for Site activities, a summary of CAMP findings (including exceedances, if any), an explanation of notable Site conditions, photographs, and fixed monitoring station data.

All daily reports are included in electronic format in **Appendix B**. A digital photographic log is included in electronic format in **Appendix D**.

5.3 Waste Classification and Delineation Sampling

Waste classification sampling for the Pedestrian Plaza portion of the Site was conducted from October 2021 through February 2023 using a Rotosonic drill rig to advance soil borings. Soil borings were advanced from surface grade to boring termination depths in dedicated plastic liners. AKRF field personnel recorded and documented subsurface conditions on soil boring logs and field-screened soil samples using a calibrated PID with an 11.7 eV lamp for VOCs.

Discrete grab samples were collected via EnCore® or Core-N-One sampling devices. Composite samples were collected by homogenizing soil from corresponding intervals across multiple soil borings in the field. Samples were analyzed for facility-specific analytical lists at the request of the intended receiving facilities. The samples were analyzed by Eurofins-TestAmerica and were preserved with ice to maintain applicable temperature criteria. Gloves worn for sample handling were discarded between sample collections.

Non-dedicated sampling equipment was decontaminated with Alconox® and water between each boring location. The boreholes were backfilled with sand and/or bentonite, and patched at the surface with asphalt or concrete. Drill cuttings and decontamination water were drummed and staged on-site for off-site disposal in accordance with applicable local, state, and federal regulations.

The Waste Classification Report, which includes the sample locations and analytical results, is provided in **Appendix E**. Approval letters from disposal facilities and manifests are also included in **Appendix E**. The waste disposal grid map and table for the Pedestrian Plaza are provided as **Figure 3** and Attached **Table 2**.

5.4 Contaminated Materials Removal

The contaminated materials removal portion of the remedial program included the excavation and off-site disposal of on-site soil that exceeded the RRSCOs within the top 15 feet bgs across the

Pedestrian Plaza plus soil that exceeded PGWSCOs for CVOCs. When possible, soil was live-loaded into trucks or temporarily staged on top of and underneath polyethylene sheeting prior to off-site disposal. As shown on **Figure 4**, soil/fill was excavated to approximately 15 feet bgs on the eastern and western portions of the Pedestrian Plaza, with a deeper excavation in the central portion up to approximately 25 to 34 feet bgs.

A total of 5,305.88 tons, 2,524.73 tons (approximately 1,600 cubic yards) of hazardous soil and 2,781.15 tons (approximately 1,700 cubic yards) of non-hazardous contaminated soil, were removed from the Pedestrian Plaza (the subject of the IRM) and transported for off-site disposal at the appropriate soil disposal receiving facilities. All contaminated soil was removed in accordance with the IRMWP. **Table T2**, below, summarizes the total quantities of each category of material removed from the Site and the disposal facilities. An outgoing truck tracking log is provided as Attached **Table 3**. Post-remedial endpoint sample locations are shown on **Figure 4** in addition to the one concentration of P,P'-DDT above UUSCOs. All other analytes analyzed for in the endpoint soil samples were detected below PGWSCOs, UUSCOs, and RRSCOs. Endpoint sample locations shown on **Figure 4** without analytical data indicate that no SCO exceedance was detected at the sample location.

5.4.1 Disposal Details

Based on the results of the waste characterization (Section 5.3), permitted disposal facilities were selected to receive soil excavated from the Site. Waste profiles, a disposal request letter, and analytical data were submitted to the intended receiving facilities and approval letters were obtained. Hazardous materials were disposed of under United States Environmental Protection Agency (EPA) Generator Identification NYR000243477. The executed EPA Generator ID form is included in **Appendix E**.

After securing the formal approvals from the selected waste disposal facilities, remedial excavation was conducted in accordance with the NYSDEC-approved IRWMP. Remedial excavation depths are shown on **Figure 4**.

Between March 29, and August 31, 2023, 5,305.88 tons (approximately 3,300 cubic yards) of soil were excavated to depths between 15 and 34 feet bgs. Of that total, 2,524.73 tons (approximately 1,600 cubic yards) were classified as hazardous.

Table T2 shows the total quantity of material removed from the Site at each disposal facility. Attached **Table 3** provides a detailed summary of soil treated, disposed of, and/or destroyed off-site.

Table T2
Waste Disposal Summary

Disposal Facility	Waste Stream Approval Number	Hazardous vs. Non-Hazardous	Quantity (tons)
Clean Earth of Carteret - Carteret, NJ	233070459	Non-Hazardous	754.09
Clean Earth of North Jersey Kearny, NJ	2330803489	Non-Hazardous	2,027.03
	2330802400 / 2330802593*	Hazardous	2,524.73
		Total Non-Hazardous	*2,781.15*
		Total Hazardous	*2,524.73*
		Total	**5,305.88**

Note: *Approval numbers 2330802400 and 2330802593 had the same back-end disposal facility. Approval number 2330802400 was transported via truck, while approval number 2330802593 was transported via rail.

Acceptance letters from the disposal facility owners and the disposal manifests are included in electronic format in **Appendix E**.

5.4.2 On-Site Reuse

Excavated material was not reused on-site.

5.5 Remaining Contamination

Endpoint samples were collected to document the remaining contamination and confirm removal of source material. Sample locations are shown on **Figure 4**. All endpoint sample results were compared to PGWSCOs (for CVOCs), UUSCOs, and RRSCOs as shown in Attached **Tables 4a through 4f and 5**. All analytes analyzed for as part of the endpoint sampling program were either non-detect or detected below PGWSCOs or UUSCOs, except for one concentration of P,P'-DDT, which was detected above UUSCOs. The concentration of P,P'-DDT is shown on **Figure 4** .

5.5.1 Soil

In accordance with the NYSDEC-approved IRMWP and the NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), Site-wide and hotspot/area of concern endpoint samples were collected to confirm attainment of the remedy and to document concentrations of contaminants of concern in soil left in place after implementation of the remedy. Based on the sampling frequency outlined in Section 5.4 of DER-10, endpoint sampling for the general remedial excavation included one bottom soil sample for every 900 square feet across the excavation, totaling nine endpoint samples. Site-wide sidewall samples could not be collected due to the support of excavation along the excavation perimeter. Hotspot/area of concern endpoint samples were collected every 10 feet in areas where hazardous soils were excavated to document remaining concentrations of contaminants of concern in soil following completion of the remedial excavation and to confirm attainment of PGWSCOs for CVOCs.

Sample nomenclature was performed in accordance with the Quality Assurance Project Plan (QAPP). Site-wide endpoint samples were identified with an "L3-EP-" prefix, a number (01 through 09) in the order of collection, and the date (in YYYMMDD format) on which the samples were collected (i.e., L3-EP-01_15_20230717). Hotspot/area of concern endpoint samples were identified with an "L3-AOC" prefix, a number (01 through 69) in the order of collection, and the date (in YYYMMDD format) on which the samples were collected (i.e., L3-AOC-01_25_20230803).

AKRF field-screened all endpoint sample locations with a calibrated PID equipped with an 11.7 eV lamp for VOCs prior to sample collection. No elevated PID readings above background ranges were observed at any endpoint sampling location. The samples were submitted to an ELAP-certified laboratory. The Site-wide endpoint samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, Target Analyte List (TAL) metals by EPA Method 6000/7000 series, pesticides by EPA Method 8081, PCBs by EPA Method 8082, and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. The hotspot/area of concern endpoint samples were analyzed for CVOCs by EPA Method 8260. In accordance with NYSDEC requirements, QA/QC sampling was performed, the laboratory followed the NYSDEC Analytical Services Protocol dated 1995, and Category B deliverables and EQuIS™ EDDs were issued. The data was validated by a third-party and was submitted and accepted into the NYSDEC EQuIS™ database.

The one exceedance of UUSCOs is presented in **Table T3**.

Table T3
Soil Exceedance of UUSCOs

Chemical Group	Chemical Name	Sample ID	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Pesticides	P,P'-DDT	L3-EP-X01_20230817	0.0033	3.8	**0.0069 J**

Notes:
J = The reported value is estimated
mg/kg = milligrams per kilogram
Exceedances of the UUSCO is highlighted in bold font.
L3-EP-X01_20230817 is a blind duplicate of sample L3-EP-07_15_20230817

The sample locations and the one exceedance for P,P'-DDT, which was from the blind duplicate sample L3-EP-X01_20230817 are shown on **Figure 4**; the parent sample L3-EP-07_15_20230817 did not have any exceedances. The complete analytical results from the Site-wide and hotspot/area of concern endpoint samples are provided in Attached **Tables 4a through 4f and 5**, respectively. The laboratory reports and DUSRs for the data, and the endpoint sample survey, are included in **Appendix F**.

5.6 Imported Materials

Materials, including stone, soil/fill, and blended soil/fill with recycled concrete aggregate (RCA), were imported to the Pedestrian Plaza portion of the Site after NYSDEC approval to establish design grades after remedial excavation. A summary of imported material is provided as **Table T4**.

Table T4
Materials Import Summary

Origin Facility	Material Type	Imported Quantity*	On-Site Placement Location	Notes
Evergreen Recycling of Corona (EROC) Flushing, NY	Soil/Fill: Blend (RCA/Fill)	1,020	Backfill in areas of remedial excavation extended beyond construction excavation.	Permanently placed
	Soil/Fill: General Fill	4,400	Backfill in areas where remedial excavation extended beyond construction excavation.	Permanently placed
Tilcon Mount Hope Quarry Wharton, NJ	Stone (Virgin): ASTM #57	629	Used behind foundation elements/walls.	Permanently placed
Total		**6,049**		

Note:
* Quantity of material is approximate based on the number of truckloads at an assumed 20 cubic yards per truck for material from EROC and 17 cubic yards per truck for material from Tilcon Mount Hope Quarry.

A table of all sources of imported backfill with quantities for each source is shown in Attached **Table 6**. Analytical laboratory reports and DUSRs for imported soil/fill, and Requests to Import and NYSDEC approvals, are included in **Appendix G**.

5.6.1 Soil/Fill

Approximately 5,420 cubic yards (approximately 1,020 cubic yards of blended RCA and soil/fill; and 4,400 cubic yards of soil/fill) of soil/fill were imported to the Site to establish design grades after remedial excavation. Prior to import to the Pedestrian Plaza portion of the Site, samples were collected at the frequency specified in Table 5.4(e)10 of DER-10

and approval from NYSDEC was received in response to a Request to Import Fill. Samples slated for import were collected in laboratory-supplied glassware and relinquished under standard chain-of-custody protocol to Eurofins-TestAmerica for laboratory analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, TAL metals by EPA Method 6000/7000, and PFAS by EPA Method 1633.

Sample analytical results met the lower of the RRSCOs or PGWSCOs presented in Table 375.6.8(b) of 6 New York Codes, Rules and Regulations Part 375.

5.6.2 Stone

Quarried stone was imported to the Site from Tilcon Mt. Hope Quarry located at 625 Mount Hope Road in Wharton, NJ. The material was used for backfill behind foundation elements/walls.

The import requests with backup documentation, NYSDEC approvals, and import documentation are provided in **Appendix G**. A detailed import tracking log is provided as Attached **Table 6**.

5.7 Laboratory Data Management

In accordance with NYSDEC requirements, all data collected in the investigation and remedial phases of the BCP were collected in accordance with the Site-specific QAPP including Category B requirements and the collection and analysis of requisite QA/QC samples. Samples were relinquished under strict chain-of-custody protocol and were analyzed by an ELAP-certified laboratory. Data was validated by a third-party and submitted to and approved via the NYSDEC EQuIS™ database. A summary of EQuIS™ submittals and approvals by NYSDEC is provided in **Table T5.**

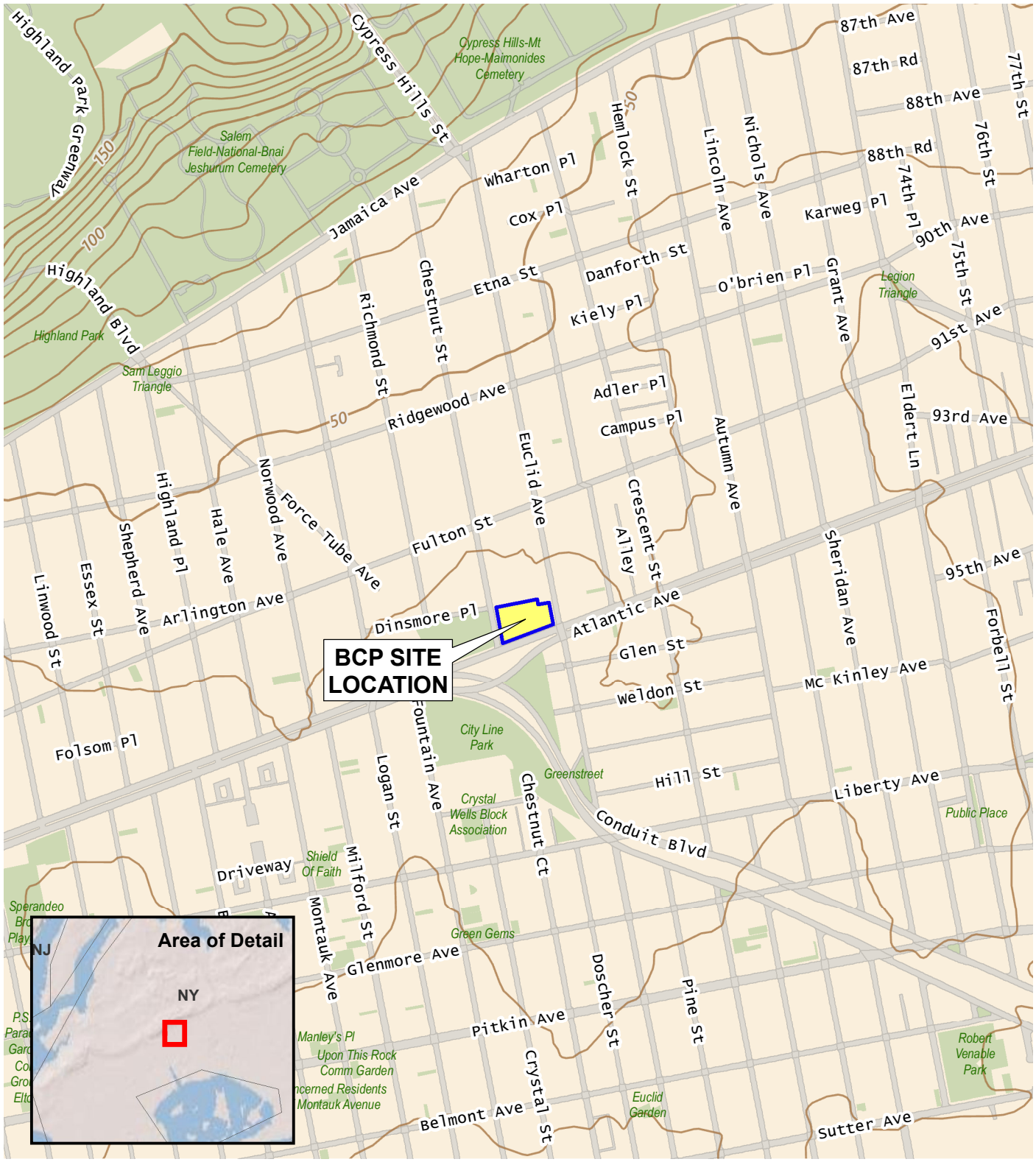
Table T5
EQuIS™ Submittals and Approvals Summary

Laboratory Sample Digestion Group	Confirmation Date Data was Uploaded into NYSDEC EQuIS™ Database
J284409, J284427, J285458, J285543, J285552, J285571, J286205, J286238, J286239, J286410, J286432, J286434, J287329, J287341, and J287375.	July 31, 2024

5.8 Deviations from the Interim Remedial Measure Work Plan

No deviations from the March 2023 IRMWP were required during the implementation of the IRM reported herein.

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program 2020

Aerial Source: 2022 New York State ITS GIS Orthoimagery.

0 800 1,600

SCALE IN FEET

akrf
440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

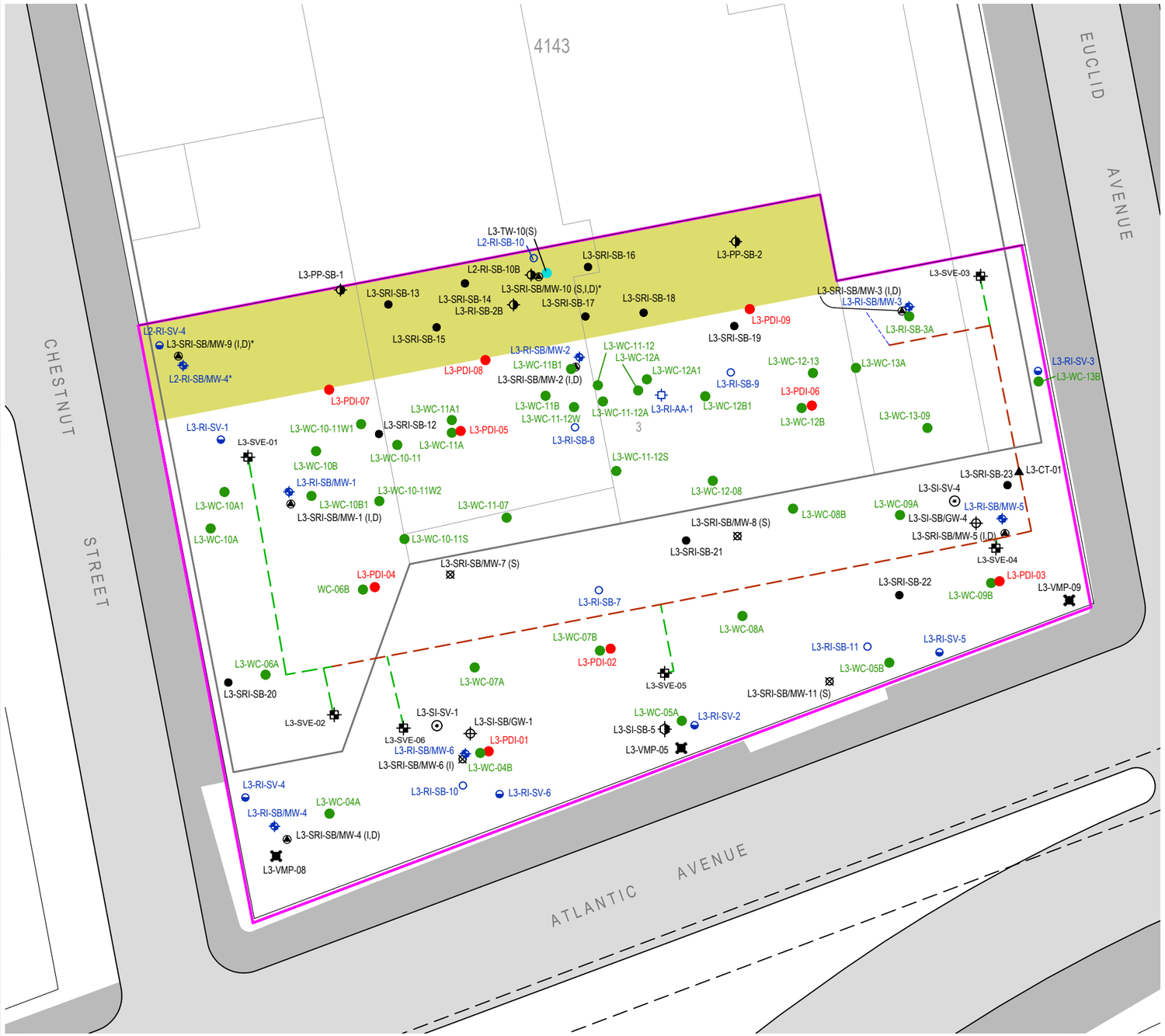
BCP SITE LOCATION

DATE
3/4/2025

PROJECT NO.
12184

FIGURE
1

©2025 AKRF Q:\Projects\12184 - ATLANTIC CHESTNUT - LOT 3\Technical\GIS and Graphics\hazmat\CCR\12184 Fig 1 Site Loc Map.mxd 3/4/2025 10:36:04 AM mvelleux



LEGEND

- BCP SITE BOUNDARY
- 3 — LOT BOUNDARY
- 4143 — BLOCK NUMBER
- FORMER BUILDING LINE
- LIRR SUBTERRANEAN TRACKS
- AREA SUBJECT TO THIS CONSTRUCTION COMPLETION REPORT - PEDESTRIAN PLAZA AREA EXCAVATED AND MANAGED SEPARATELY IN ACCORDANCE WITH THE MARCH 2023 IRMWP
- WASTE CLASSIFICATION SOIL BORING LOCATION (2023)
- PRE-DESIGN INVESTIGATION SOIL BORING LOCATION (2023)
- PRE-DESIGN INVESTIGATION TEMPORARY WELL LOCATION (2023)
- SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION (OCTOBER 2022)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING LOCATION (2017)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING/NESTED GROUNDWATER MONITORING WELL LOCATION (2017)
- SUPPLEMENTAL REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (2017)
- REMEDIAL INVESTIGATION SOIL BORING LOCATION (2016)
- REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (2016)
- REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (2016)
- REMEDIAL INVESTIGATION AMBIENT AIR SAMPLE LOCATION (2016)
- SITE INVESTIGATION SOIL BORING LOCATION (2015)
- SITE INVESTIGATION SOIL BORING/TEMPORARY WELL LOCATION (2015)
- SITE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (2015)
- SOIL VAPOR EXTRACTION WELL
- VACUUM MONITORING POINT
- CONDENSATE TRAP
- 4-INCH Ø UNDERGROUND PVC PIPING
- 6-INCH Ø UNDERGROUND PVC PIPING
- 4-INCH Ø FLEXIBLE HOSE

NOTES:
* MONITORING WELL DECOMMISSIONED AND REMOVED DURING REMEDIAL EXCAVATION OF PEDESTRIAN PLAZA.

0 20 40 80
SCALE IN FEET

Map Source:
- NYCDCP (NYC Dept. of City Planning) GIS database.

akrf
440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

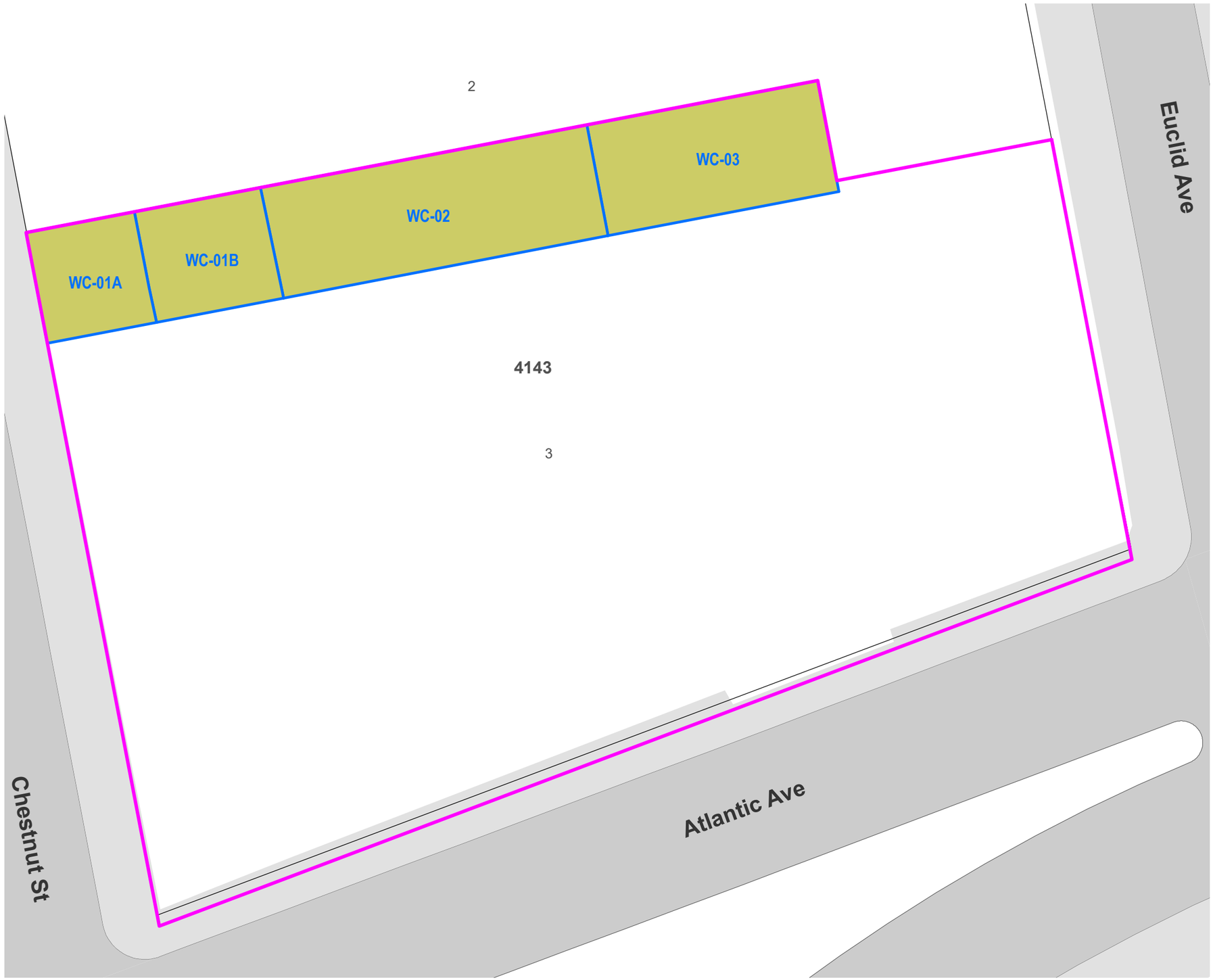
SITE AND SAMPLE LOCATION PLAN

DATE
3/4/2025

PROJECT NO.
12184

FIGURE
2

©2025 AKRF, Inc. Q:\Projects\12184 - ATLANTIC CHESTNUT - LOT 3\Technical\12184 - Atlantic Chestnut - Lot 3\CCR for IRMWP PP Implementation\CAD\12184 Fig 2 Site and Sample Location Plan.dwg last save: mvelleux 3/4/2025 10:37 AM



LEGEND

- BCP SITE BOUNDARY
- 3 — LOT BOUNDARY AND TAX LOT NUMBER
- 4143 — BLOCK NUMBER
- PEDESTRIAN PLAZA WASTE CHARACTERIZATION GRID

0 30 60

SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

akrf
440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

PEDESTRIAN PLAZA WASTE CHARACTERIZATION GRIDS

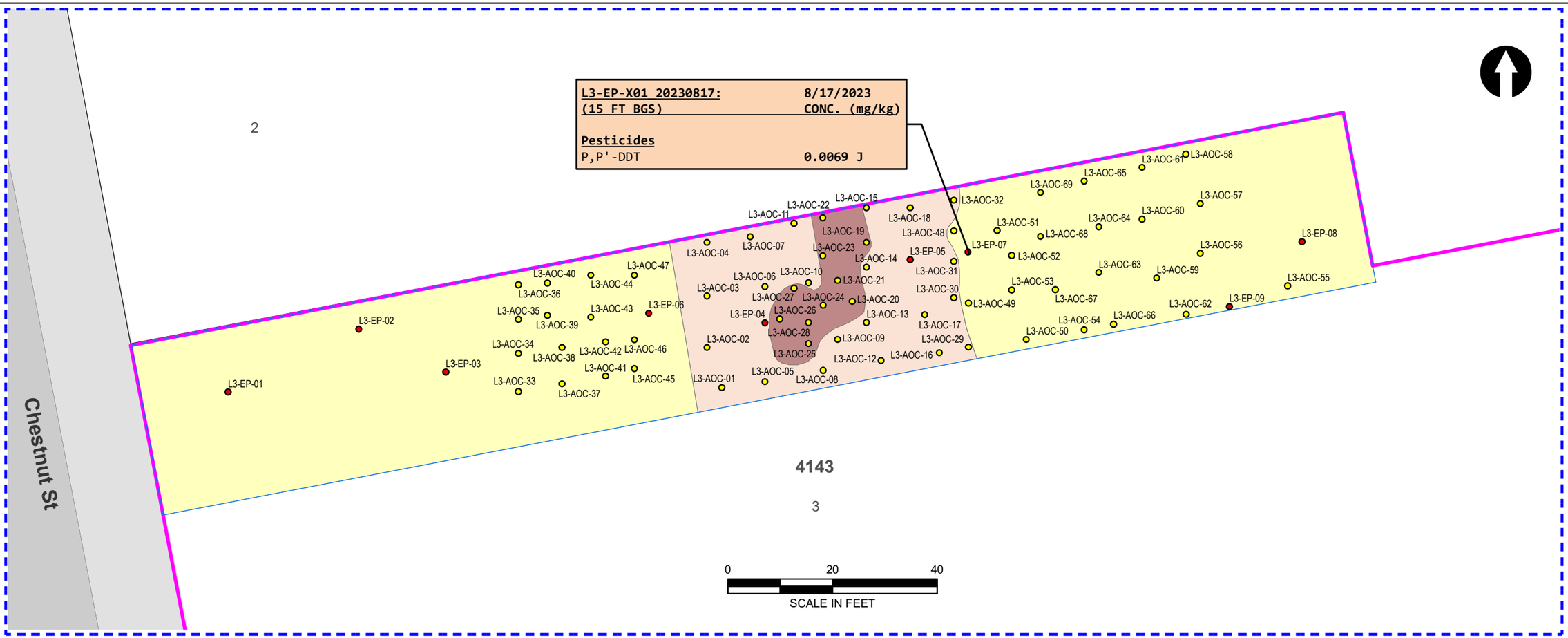
DATE
3/4/2025

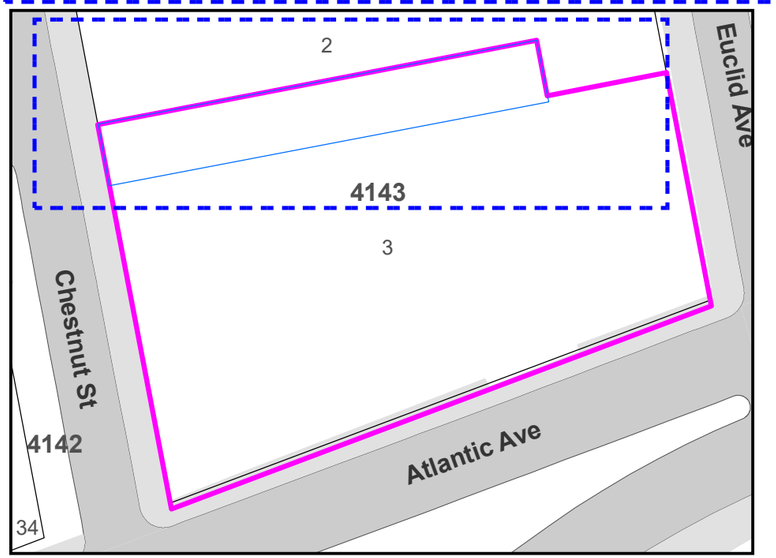
PROJECT NO.
12184

FIGURE
3

Q:\Projects\12184 - ATLANTIC CHESTNUT - LOT 3\Technical\GIS and Graphics\hazmat\CCR\12184 Fig 3 – Pedestrian Plaza Waste Characterization Grids.mxd3/4/2025 10:40:05 AM mveilleux

Q:\Projects\12184 - ATLANTIC CHESTNUT - LOT 3\Technical\GIS and Graphics\hazmat\CCR\12184 Fig 4 Pedestrian Plaza Remedial Excavation and Endpoint Location Map with Concentrations v2.mxd3/3/2025 5:18:14 PM mveilleux





KEY MAP
Scale: 1" = 80'

LEGEND

- BCP SITE BOUNDARY
- 3 — LOT BOUNDARY AND TAX LOT NUMBER
- 4143 — BLOCK NUMBER
- PEDESTRIAN PLAZA
- ENDPOINT SAMPLE LOCATION-AOC/HOTSPOT
- ENDPOINT SAMPLE LOCATION-SITEWIDE
- REMEDIAL EXCAVATION TO APPROXIMATELY 15 FEET BGS
- REMEDIAL EXCAVATION TO APPROXIMATELY 25 FEET BGS
- REMEDIAL EXCAVATION TO APPROXIMATELY 32 TO 34 FEET BGS

Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use SCOs (UUSCOs) are presented in bold font.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The reported value is estimated.

BGS: Below ground surface.

L3-EP-X01_20230817 is a blind duplicate of sample L3-EP-07_15_20230817.

	UUSCO mg/kg
Pesticides	
P,P'-DDT	0.0033

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

akrf
440 Park Avenue South, New York, NY 10016

Atlantic Chestnut - Lot 3
275 Chestnut Street
Brooklyn, New York

PEDESTRIAN PLAZA REMEDIAL EXCAVATION AND ENDPOINT LOCATION MAP WITH CONCENTRATIONS ABOVE UUSCOS AND/OR PGWSCOS

DATE
3/3/2025
PROJECT NO.
12184
FIGURE
4

TABLES

Table 1
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
CAMP Excursions

Date	Approximate Time(s)	Exceedance Type and Location	Presumed or Known Reason for Exceedance	Resolution Action
2/2/2023	11:20 AM - 12:15 PM	DW Particulate	Particulate exceedance due to high winds.	The contractor applied dust suppression (water). Exceedance condition subsided.
2/3/2023	7:06 AM	DW Particulate	Particulate exceedance due to high winds.	The contractor applied dust suppression (water). Exceedance condition subsided.
	12:22 PM	DW Particulate	Particulate exceedance due to high winds.	The contractor applied dust suppression (water). Exceedance condition subsided.
	2:30 PM	DW Particulate	Particulate exceedance due to high winds.	The contractor applied dust suppression and intrusive work was stopped for the remainder of the day.
7/31/2023	7:28 AM - 7:45 AM	DW Particulate	Particulate exceedance due to trucking.	The contractor applied dust suppression (water) upon notification and dust readings subsided.
8/1/2023	10:54 AM - 10:59 AM	DW Particulate	Particulate exceedance due to trucking.	The contractor applied dust suppression (water) upon notification and dust readings subsided.
8/3/2023	12:34 PM - 12:45 PM	DW Particulate	Particulate exceedance due to movement of concrete trucks.	The contractor applied dust suppression (water) upon notification and dust readings subsided.
8/4/2023	8:02 AM - 9:24 AM	DW Particulate	Particulate exceedance due to movement of concrete trucks.	The contractor applied dust suppression (water) upon notification and dust readings subsided.
	12:34 PM - 12:56 PM	DW Particulate	Particulate exceedance due to movement of concrete trucks.	The contractor applied dust suppression (water) upon notification and dust readings subsided.
9/6/2023	2:30 PM	DW Particulate	Particulate exceedance due to fugitive dust from excessive heat.	The contractor applied dust suppression (water) upon notification and dust readings subsided.

Notes:
- Additional exceedance conditions occurred during construction; however, these exceedances were due to elevated background conditions (Canadian wildfires), off-site sources, or were not related to subsurface disturbance and remediation activities.
- Precautionary measures were taken when particulate readings were above action levels for the upwind station.

Table 2
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Waste Characterizations Grids

Grid	Depth (ft bgs)	Proposed Facility	Hazardous vs. Non-Hazardous	Approval Number
WC-01A (0-5)	0-5	CENJ Non-Hazardous	Non-Hazardous	2330803489
WC-01A (5-10)	5-10	CEC Standard	Non-Hazardous	233070459
WC-01A (10-15)	10-15	CEC Standard	Non-Hazardous	233070459
WC-01B (0-5)	0-5	CENJ Hazardous	Hazardous	2330802400 / 2330802593 (MHF)
WC-01B (5-10)	5-10	CENJ Non-Hazardous	Non-Hazardous	2330803489 / 233300187
WC-01B (10-15)	10-15	CEC Standard	Non-Hazardous	233070459
WC-02 (0-5)	0-5	CENJ Hazardous	Hazardous	2330802400 / 2330802593 (MHF)
WC-02 (5-10)	5-10	CENJ Hazardous	Hazardous	2330802400 / 2330802593 (MHF)
WC-02 (10-15)	10-15	CENJ Non-Hazardous	Non-Hazardous	2330803489 / 233300187
WC-02 (15-20)	15-20	CENJ Non-Hazardous	Non-Hazardous	2330803489 / 233300187
WC-02 (20-30)	20-30	CENJ Non-Hazardous	Non-Hazardous	2330803489 / 233300187
WC-02 (30-35)	30-35	CENJ Non-Hazardous	Non-Hazardous	2330803489 / 233300187
WC-03 (0-5)	0-5	CENJ Hazardous	Hazardous	2330802400 / 2330802593 (MHF)
WC-03 (5-10)	5-10	CENJ Non-Hazardous	Non-Hazardous	2330803489 / 233300187
WC-03 (10-15)	10-15	CEC Standard	Non-Hazardous	233070459

Notes:

ft bgs - feet below ground surface

CEC - Clean Earth of Carteret

CENJ - Clean Earth of Nort Jersey

Table 3
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Soil Disposal Truck Tracking Log

Project Total	Daily Number	TRUCK COUNTS				Shipment Date	Manifest Number	TONNAGE			
		Clean Earth of Carteret	Clean Earth of North Jersey					Clean Earth of Carteret	Clean Earth of North Jersey		
		Standard (Non-Haz) 233070459	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*			*Standard (Non-Haz) 233070459*	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*
1	1	-	1	-	-	4/10/2023	18002622	-	25.34	-	-
2	2	-	2	-	-	4/10/2023	18002673	-	23.77	-	-
3	3	-	3	-	-	4/10/2023	18002674	-	25.29	-	-
4	4	-	4	-	-	4/10/2023	18002675	-	26.57	-	-
5	5	-	5	-	-	4/10/2023	18002676	-	23.68	-	-
6	6	-	6	-	-	4/10/2023	18002677	-	26.37	-	-
7	7	-	7	-	-	4/10/2023	18002678	-	25.78	-	-
8	8	-	8	-	-	4/10/2023	18002679	-	27.83	-	-
9	1	-	9	-	-	4/11/2023	18002680	-	20.74	-	-
10	2	-	10	-	-	4/11/2023	18002681	-	21.05	-	-
11	3	-	11	-	-	4/11/2023	18002682	-	21.12	-	-
12	4	-	12	-	-	4/11/2023	18002683	-	21.23	-	-
13	5	-	13	-	-	4/11/2023	18002684	-	20.66	-	-
14	6	-	14	-	-	4/11/2023	18002685	-	20.97	-	-
15	7	-	15	-	-	4/11/2023	18002686	-	20.98	-	-
16	8	-	16	-	-	4/11/2023	18002687	-	20.7	-	-
17	1	-	-	1	-	4/12/2023	6285072	-	-	27.25	-
18	2	-	-	2	-	4/12/2023	6285073	-	-	26.38	-
19	3	-	-	3	-	4/12/2023	6285074	-	-	29.46	-
20	4	-	-	4	-	4/12/2023	6285075	-	-	28.72	-
21	5	-	-	5	-	4/12/2023	6285076	-	-	25.66	-
22	6	-	-	6	-	4/12/2023	6285077	-	-	22.77	-
23	7	-	-	7	-	4/12/2023	6285078	-	-	30.34	-
24	8	-	-	8	-	4/12/2023	6285079	-	-	28.37	-
25	9	-	17	-	-	4/12/2023	18002688	-	27.75	-	-
26	10	-	18	-	-	4/12/2023	18002689	-	27.76	-	-
27	11	-	19	-	-	4/12/2023	18002690	-	28.38	-	-
28	12	-	20	-	-	4/12/2023	18002691	-	32.22	-	-
29	13	-	21	-	-	4/12/2023	18002692	-	33.21	-	-
30	1	-	-	9	-	4/13/2023	6285080	-	-	22.79	-
31	2	-	-	10	-	4/13/2023	6285081	-	-	22.48	-
32	3	-	-	11	-	4/13/2023	6285082	-	-	23.24	-
33	4	-	-	12	-	4/13/2023	6285083	-	-	23.21	-
34	5	-	-	13	-	4/13/2023	6285084	-	-	30.45	-
35	6	-	-	14	-	4/13/2023	6285085	-	-	30.76	-
36	7	-	-	15	-	4/13/2023	6285086	-	-	30.09	.
37	8	-	-	16	-	4/13/2023	6285087	-	-	29.07	-
38	1	-		17	-	4/14/2023	6285088	-	-	23.88	-
39	2	-		18	-	4/14/2023	6285089	-	-	25.9	-
40	3	-		19	-	4/14/2023	6285090	-	-	25.56	-
41	4	-		20	-	4/14/2023	6285091	-	-	28.73	-
42	1	-	22	-	-	4/17/2023	18002693	-	25.15	-	-
43	2	-	23	-	-	4/17/2023	18002694	-	25.37	-	-
44	3	-	24	-	-	4/17/2023	18002695	-	26.71	-	-
45	4	-	25	-	-	4/17/2023	18002696	-	25.05	-	-
46	5	-	26	-	-	4/17/2023	18002697	-	28.29	-	-
47	6	-	27	-	-	4/17/2023	18002625	-	31.38	-	-

Table 3
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Soil Disposal Truck Tracking Log

Project Total	Daily Number	TRUCK COUNTS				Shipment Date	Manifest Number	TONNAGE			
		Clean Earth of Carteret	Clean Earth of North Jersey					Clean Earth of Carteret	Clean Earth of North Jersey		
		Standard (Non-Haz) 233070459	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*			*Standard (Non-Haz) 233070459*	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*
48	7	-	28	-	-	4/17/2023	18002624	-	29.54	-	-
49	8	-	29	-	-	4/17/2023	18002623	-	26.22	-	-
50	1	1	-	-	-	4/18/2023	2542116	26.02	-	-	-
51	2	2	-	-	-	4/18/2023	2542117	29.16	-	-	-
52	3	3	-	-	-	4/18/2023	2542118	28.41	-	-	-
53	4	4	-	-	-	4/18/2023	2542119	29.27	-	-	-
54	5	5	-	-	-	4/18/2023	2542120	27.59	-	-	-
55	6	6	-	-	-	4/18/2023	2542121	33.55	-	-	-
56	7	7	-	-	-	4/18/2023	2542122	32.00	-	-	-
57	8	8	-	-	-	4/18/2023	2542123	31.85	-	-	-
58	9	9	-	-	-	4/18/2023	2542124	32.70	-	-	-
59	10	10	-	-	-	4/18/2023	2542125	34.08	-	-	-
60	1	11	-	-	-	4/19/2023	2542114	32.97	-	-	-
61	2	12	-	-	-	4/19/2023	2542115	33.44	-	-	-
62	1	-	-	-	1	5/8/2023	20230508-01	-	-	-	17.26
63	2	-	-	-	2	5/8/2023	20230508-02	-	-	-	17.58
64	3	-	-	-	3	5/8/2023	20230508-03	-	-	-	17.85
65	4	-	-	-	4	5/8/2023	20230508-04	-	-	-	18.73
66	5	-	-	-	5	5/8/2023	20230508-05	-	-	-	16.26
67	1	-	-	-	6	5/10/2023	20230510-01	-	-	-	18.10
68	2	-	-	-	7	5/10/2023	20230510-02	-	-	-	17.23
69	3	-	-	-	8	5/10/2023	20230510-03	-	-	-	16.57
70	1	-	-	-	9	6/5/2023	3488-20230605-01	-	-	-	18.27
71	2	-	-	-	10	6/5/2023	3488-20230605-02	-	-	-	19.39
72	3	-	-	-	11	6/5/2023	3488-20230605-03	-	-	-	19.88
73	4	-	-	-	12	6/5/2023	3488-20230605-04	-	-	-	16.90
74	5	-	-	-	13	6/5/2023	3488-20230605-05	-	-	-	18.97
75	6	-	-	-	14	6/5/2023	3488-20230605-06	-	-	-	18.97
76	7	-	-	-	15	6/5/2023	3488-20230605-07	-	-	-	16.44
77	8	-	-	-	16	6/5/2023	3488-20230605-08	-	-	-	16.14
78	1	-	-	-	17	6/12/2023	3489-20230612-01	-	-	-	14.08
79	2	-	-	-	18	6/12/2023	3489-20230612-02	-	-	-	15.67
80	3	-	-	-	19	6/12/2023	3489-20230612-03	-	-	-	15.32
81	4	-	-	-	20	6/12/2023	3489-20230612-04	-	-	-	16.76
82	5	-	-	-	21	6/12/2023	3489-20230612-05	-	-	-	16.83
83	6	-	-	-	22	6/12/2023	3489-20230612-06	-	-	-	16.80
84	7	-	-	-	23	6/12/2023	3489-20230612-07	-	-	-	16.81
85	8	-	-	-	24	6/12/2023	3489-20230612-08	-	-	-	15.51
86	9	-	-	-	25	6/12/2023	3489-20230612-09	-	-	-	15.13
87	10	-	-	-	26	6/12/2023	3489-20230612-10	-	-	-	17.32
88	11	-	30	-	-	6/12/2023	18002626	-	20.22	-	-
89	12	-	31	-	-	6/12/2023	18002627	-	19.75	-	-
90	13	-	32	-	-	6/12/2023	18002628	-	20.60	-	-
91	14	-	33	-	-	6/12/2023	18002629	-	22.41	-	-
92	15	-	34	-	-	6/12/2023	18002630	-	26.32	-	-
93	16	-	35	-	-	6/12/2023	18002631	-	23.68	-	-
94	17	-	36	-	-	6/12/2023	18002632	-	24.12	-	-

Table 3
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Soil Disposal Truck Tracking Log

Project Total	Daily Number	TRUCK COUNTS				Shipment Date	Manifest Number	TONNAGE			
		Clean Earth of Carteret	Clean Earth of North Jersey					Clean Earth of Carteret	Clean Earth of North Jersey		
		Standard (Non-Haz) 233070459	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*			*Standard (Non-Haz) 233070459*	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*
95	18	-	37	-	-	6/12/2023	18002633	-	27.98	-	-
96	1	13	-	-	-	6/14/2023	2542002	16.76	-	-	-
97	2	14	-	-	-	6/14/2023	2542003	20.75	-	-	-
98	3	15	-	-	-	6/14/2023	2542004	22.61	-	-	-
99	4	16	-	-	-	6/14/2023	2542005	25.09	-	-	-
100	5	17	-	-	-	6/14/2023	2542006	30.22	-	-	-
101	1	-	-	-	27	6/26/2023	3489-2230626-01	-	-	-	24.04
102	2	-	-	-	28	6/26/2023	3489-2230626-02	-	-	-	20.04
103	3	-	-	-	29	6/26/2023	3489-2230626-03	-	-	-	20.90
104	4	-	-	-	30	6/26/2023	3489-2230626-04	-	-	-	18.80
105	5	-	-	-	31	6/26/2023	3489-2230626-05	-	-	-	18.99
106	6	-	-	-	32	6/26/2023	3489-2230626-06	-	-	-	19.15
107	7	-	-	-	33	6/26/2023	3489-2230626-07	-	-	-	19.15
108	1	-	38	-	-	6/28/2023	18002634	-	17.17	-	-
109	2	-	39	-	-	6/28/2023	18002635	-	19.22	-	-
110	3	-	40	-	-	6/28/2023	18002636	-	20.57	-	-
111	4	-	41	-	-	6/28/2023	18002637	-	22.59	-	-
112	5	-	42	-	-	6/28/2023	18002639	-	24.12	-	-
113	6	-	43	-	-	6/28/2023	18002638	-	22.99	-	-
114	1	-	-	-	34	7/13/2023	3489-20230713-01	-	-	-	15.07
115	2	-	-	-	35	7/13/2023	3489-20230713-02	-	-	-	21.27
116	3	-	-	-	36	7/13/2023	3489-20230713-03	-	-	-	22.34
117	4	-	-	-	37	7/13/2023	3489-20230713-04	-	-	-	23.32
118	5	-	-	-	38	7/13/2023	3489-20230713-05	-	-	-	22.40
119	6	-	-	-	39	7/13/2023	3489-20230713-06	-	-	-	23.92
120	7	-	-	-	40	7/13/2023	3489-20230713-07	-	-	-	17.00
121	8	-	-	-	41	7/13/2023	3489-20230713-08	-	-	-	21.06
122	9	-	-	-	42	7/13/2023	3489-20230713-09	-	-	-	21.03
123	10	-	-	-	43	7/13/2023	3489-20230713-10	-	-	-	21.11
124	11	-	-	-	44	7/13/2023	3489-20230713-11	-	-	-	19.19
125	1	-	-	-	45	7/14/2023	3489-20230714-01	-	-	-	20.09
126	2	-	-	-	46	7/14/2023	3489-20230714-02	-	-	-	19.28
127	3	-	-	-	47	7/14/2023	3489-20230714-03	-	-	-	18.98
128	4	-	-	-	48	7/14/2023	3489-20230714-04	-	-	-	20.33
129	5	-	-	-	49	7/14/2023	3489-20230714-05	-	-	-	19.71
130	6	-	-	-	50	7/14/2023	3489-20230714-06	-	-	-	23.00
131	7	-	-	-	51	7/14/2023	3489-20230714-07	-	-	-	22.16
132	8	-	-	-	52	7/14/2023	3489-20230714-08	-	-	-	23.70
133	9	-	-	-	53	7/14/2023	3489-20230714-09	-	-	-	19.54
134	10	-	-	-	54	7/14/2023	3489-20230714-10	-	-	-	17.99
135	11	-	-	-	55	7/14/2023	3489-20230714-11	-	-	-	16.85
136	12	-	-	-	56	7/14/2023	3489-20230714-12	-	-	-	18.34
137	1	-	44	-	-	7/19/2023	18002640	-	19.51	-	-
138	2	-	45	-	-	7/19/2023	18002641	-	15.72	-	-
139	3	-	46	-	-	7/19/2023	18002642	-	19.13	-	-
140	1	-	-	-	57	8/8/2023	2378031-16	-	-	-	21.50
141	2	-	-	-	58	8/8/2023	2378031-17	-	-	-	20.81

Table 3
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Soil Disposal Truck Tracking Log

Project Total	Daily Number	TRUCK COUNTS				Shipment Date	Manifest Number	TONNAGE			
		Clean Earth of Carteret	Clean Earth of North Jersey					Clean Earth of Carteret	Clean Earth of North Jersey		
		Standard (Non-Haz) 233070459	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*			*Standard (Non-Haz) 233070459*	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*
142	3	-	-	-	59	8/8/2023	2378031-18	-	-	-	18.89
143	4	-	-	-	60	8/8/2023	2378031-19	-	-	-	19.02
144	5	-	-	-	61	8/8/2023	2378031-20	-	-	-	19.91
145	6	-	-	-	62	8/8/2023	2378031-21	-	-	-	19.90
146	7	-	-	-	63	8/8/2023	2378031-22	-	-	-	19.39
147	8	-	-	-	64	8/8/2023	2378031-23	-	-	-	20.97
148	9	-	-	-	65	8/8/2023	2378031-24	-	-	-	20.12
149	10	-	-	-	66	8/8/2023	2378031-25	-	-	-	19.13
150	1	-	-	-	67	8/9/2023	2378031-6	-	-	-	21.10
151	2	-	-	-	68	8/9/2023	2378031-7	-	-	-	19.72
152	3	-	-	-	69	8/9/2023	2378031-8	-	-	-	20.91
153	4	-	-	-	70	8/9/2023	2378031-9	-	-	-	21.24
154	5	-	-	-	71	8/9/2023	2378031-10	-	-	-	20.74
155	6	-	-	-	72	8/9/2023	2378031-11	-	-	-	23.09
156	7	-	-	-	73	8/9/2023	2378031-12	-	-	-	24.12
157	8	-	-	-	74	8/9/2023	2378031-13	-	-	-	21.00
158	9	-	-	-	75	8/9/2023	2378031-14	-	-	-	19.47
159	10	-	-	-	76	8/9/2023	2378031-15	-	-	-	22.51
160	1	-	-	-	77	8/14/2023	2378031-1	-	-	-	24.71
161	2	-	-	-	78	8/14/2023	2378031-2	-	-	-	17.57
162	3	-	-	-	79	8/14/2023	2378031-3	-	-	-	18.14
163	4	-	-	-	80	8/14/2023	2378031-4	-	-	-	23.37
164	5	-	-	-	81	8/14/2023	2378031-5	-	-	-	21.30
165	6	-	-	-	82	8/14/2023	2378031-69	-	-	-	18.73
166	7	-	-	-	83	8/14/2023	2378031-70	-	-	-	19.70
167	8	-	-	-	84	8/14/2023	2378031-71	-	-	-	21.44
168	9	-	-	-	85	8/14/2023	2378031-72	-	-	-	19.34
169	10	-	-	-	86	8/14/2023	2378031-73	-	-	-	19.39
170	11	-	-	-	87	8/14/2023	2378031-74	-	-	-	18.86
171	12	-	-	-	88	8/14/2023	2378031-75	-	-	-	18.86
172	1	-	-	-	89	8/16/2023	2378031-63	-	-	-	28.24
173	2	-	-	-	90	8/16/2023	2378031-64	-	-	-	24.73
174	3	-	-	-	91	8/16/2023	2378031-65	-	-	-	23.91
175	4	-	-	-	92	8/16/2023	2378031-66	-	-	-	23.25
176	5	-	-	-	93	8/16/2023	2378031-67	-	-	-	24.19
177	6	-	-	-	94	8/16/2023	2378031-68	-	-	-	18.07
178	1				95	8/21/2023	2378031-61	-	-	-	25.29
179	2				96	8/21/2023	2378031-62	-	-	-	28.55
180	1	-		-	-	8/22/2023	18002663	-	26.57	-	-
181	2	-		-	-	8/22/2023	18002664	-	27.32	-	-
182	3	-		-	-	8/22/2023	18002665	-	27.90	-	-
183	4	-		-	-	8/22/2023	18002666	-	27.14	-	-
184	5	-		-	-	8/22/2023	18002667	-	26.71	-	-
185	1	-		-	-	8/24/2023	18002698	-	31.09	-	-
186	2	-		-	-	8/24/2023	18002668	-	27.29	-	-
187	3	-		-	-	8/24/2023	18002669	-	28.84	-	-
188	4	-		-	-	8/24/2023	18002670	-	29.04	-	-

Table 3
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Soil Disposal Truck Tracking Log

Project Total	Daily Number	TRUCK COUNTS				Shipment Date	Manifest Number	TONNAGE			
		Clean Earth of Carteret	Clean Earth of North Jersey					Clean Earth of Carteret	Clean Earth of North Jersey		
		Standard (Non-Haz) 233070459	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*			*Standard (Non-Haz) 233070459*	*Haz TCE 2330802400*	*Haz TCE 2330802593*	*Non-Haz 2330803489*
189	5	-		-	-	8/24/2023	18002671	-	26.70	-	-
190	6	-		-	-	8/24/2023	18002672	-	33.25	-	-
191	1	-		-	-	8/29/2023	18002699	-	26.95	-	-
192	2	-		-	-	8/29/2023	18002700	-	27.56	-	-
193	3	-		-	-	8/29/2023	180022801	-	27.62	-	-
194	1	-		-	-	9/6/2023	2378031-55	-	-	-	17.87
195	2	-		-	-	9/6/2023	2378031-56	-	-	-	18.00
196	3	-		-	-	9/6/2023	2378031-57	-	-	-	21.40
197	4	-		-	-	9/6/2023	2378031-58	-	-	-	22.88
198	5	-		-	-	9/6/2023	2378031-59	-	-	-	21.74
199	6	-		-	-	9/6/2023	2378031-60	-	-	-	20.47
200	1	-	47	-	-	9/7/2023	18022908	-	23.21	-	-
201	2	-	48	-	-	9/7/2023	18022909	-	23.60	-	-
202	3	-	49	-	-	9/7/2023	18022910	-	22.70	-	-
203	4	-	50	-	-	9/7/2023	18022911	-	23.56	-	-
204	5	-	51	-	-	9/7/2023	18022912	-	22.55	-	-
205	6	-	52	-	-	9/7/2023	18022913	-	21.97	-	-
206	1	18	-	-	-	9/11/2023	2542064	19.42	-	-	-
207	2	19	-	-	-	9/11/2023	2542065	19.92	-	-	-
208	3	20	-	-	-	9/11/2023	2542066	19.35	-	-	-
209	4	21	-	-	-	9/11/2023	2542067	20.23	-	-	-
210	5	22	-	-	-	9/11/2023	2542068	29.49	-	-	-
211	6	23	-	-	-	9/11/2023	2542069	30.84	-	-	-
212	7	24	-	-	-	9/11/2023	2542070	32.39	-	-	-
213	8	25	-	-	-	9/11/2023	2542071	29.90	-	-	-
214	9	26	-	-	-	9/11/2023	2542072	31.95	-	-	-
215	10	27	-	-	-	9/11/2023	2542073	34.13	-	-	-
216	1	-	53	-	-	9/13/2023	18022914	-	21.85	-	-
217	2	-	54	-	-	9/13/2023	18022915	-	23.89	-	-
218	3	-	55	-	-	9/13/2023	18022916	-	29.85	-	-
219	4	-	56	-	-	9/13/2023	18022917	-	25.95	-	-
220	5	-	57	-	-	9/13/2023	18022918	-	33.29	-	-
221	6	-	58	-	-	9/13/2023	18022919	-	26.56	-	-
222	7	-	59	-	-	9/13/2023	18022920	-	27.44	-	-
223	8	-	60	-	-	9/13/2023	18022921	-	29.36	-	-
224	1	-		-	-	9/19/2023	18022803	-	29.39	-	-
225	2	-		-	-	9/19/2023	18022802	-	30.88	-	-
226	1	-	61	-	-	9/25/2023	18022922	-	23.32	-	-
227	2	-	62	-	-	9/25/2023	18022923	-	24.39	-	-
228	3	-	63	-	-	9/25/2023	18022924	-	26.67	-	-
							Total by Approval Number	***754.09***	***1989.62***	***535.11***	***2027.06***
							Total Non-Hazardous Soil	***2781.15***			
							Total Hazardous Soil	***2524.73***			
							TOTAL SOIL	**5305.88**			

Table 4A
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

				AKRF Sample ID	L3-EP-01_15_20230717	L3-EP-X01_20230717	L3-EP-02_15_20230717	L3-EP-03_15_20230717	L3-EP-04_25_20230804
				Laboratory Sample ID	460-284409-2	460-284409-1	460-284409-3	460-284409-4	460-285543-1
				Date Sampled	7/17/2023	7/17/2023	7/17/2023	7/17/2023	8/04/2023
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 R
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.27		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.33		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.00041 J
1,2,3-Trichlorobenzene	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
1,2,4-Trichlorobenzene	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
1,2,4-Trimethylbenzene	3.6	52	3.6		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dichloropropane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,3-Dichlorobenzene	2.4	49	2.4		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
1,4-Dichlorobenzene	1.8	13	1.8		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
2-Hexanone	NS	NS	NA		0.0055 U	0.006 U	0.0063 U	0.0059 U	0.0071 U
Acetone	0.05	100	0.05		0.0066 U	0.0072 U	0.0075 U	0.0071 U	0.0085 U
Benzene	0.06	4.8	0.06		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromochloromethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromodichloromethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromoform	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromomethane	NS	NS	NA		0.0022 U	0.0024 U	0.0025 U	0.0024 U	0.0028 U
Carbon Disulfide	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Carbon Tetrachloride	0.76	2.4	0.76		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chlorobenzene	1.1	100	1.1		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chloroethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chloroform	0.37	49	0.37		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chloromethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Cyclohexane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Dibromochloromethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Dichlorodifluoromethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Ethylbenzene	1	41	1		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Isopropylbenzene (Cumene)	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
M,P-Xylenes	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Methyl Acetate	NS	NS	NA		0.0055 U	0.006 U	0.0063 U	0.0059 U	0.0071 UJ
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0055 U	0.006 U	0.0063 U	0.0059 U	0.0071 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NA		0.0055 U	0.006 U	0.0063 U	0.0059 U	0.0071 U
Methylcyclohexane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Methylene Chloride	0.05	100	0.05		0.0022 U	0.0024 U	0.0025 U	0.0024 U	0.0028 U
N-Butylbenzene	12	100	12		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
N-Propylbenzene	3.9	100	3.9		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Sec-Butylbenzene	11	100	11		0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0012 UJ	0.0014 UJ
Styrene	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
T-Butylbenzene	5.9	100	5.9		0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0012 UJ	0.0014 U
Tert-Butyl Methyl Ether	0.93	100	0.93		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Toluene	0.7	100	0.7		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 UJ
Trans-1,3-Dichloropropene	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0021 J
Trichlorofluoromethane	NS	NS	NA		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Vinyl Chloride	0.02	0.9	0.02		0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Xylenes, Total	0.26	100	1.6		0.0022 U	0.0024 U	0.0025 U	0.0024 U	0.0028 UJ

Table 4A
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

				AKRF Sample ID	L3-EP-X01_20230804	L3-EP-05_25_20230804	L3-EP-06_15_20230815	L3-EP-X01_20230815	L3-EP-07_15_20230817
				Laboratory Sample ID	460-285543-2	460-285543-3	460-286205-1	460-286205-2	460-286410-1
				Date Sampled	8/04/2023	8/04/2023	8/15/2023	8/15/2023	8/17/2023
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
1,1,2,2-Tetrachloroethane	NS	NS	NA		0.00096 R	0.0016 U	0.0012 U	0.0011 U	0.00096 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
1,1,2-Trichloroethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
1,1-Dichloroethane	0.27	26	0.27		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
1,1-Dichloroethene	0.33	100	0.33		0.00037 JL	0.00044 J	0.0012 U	0.0011 U	0.00096 UJ
1,2,3-Trichlorobenzene	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
1,2,4-Trichlorobenzene	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
1,2,4-Trimethylbenzene	3.6	52	3.6		0.00096 U	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NA		0.00096 U	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
1,2-Dichlorobenzene	1.1	100	1.1		0.00096 U	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
1,2-Dichloroethane	0.02	3.1	0.02		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
1,2-Dichloropropane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
1,3-Dichlorobenzene	2.4	49	2.4		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
1,4-Dichlorobenzene	1.8	13	1.8		0.00096 U	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
2-Hexanone	NS	NS	NA		0.0048 U	0.0078 U	0.0058 U	0.0057 U	0.0048 U
Acetone	0.05	100	0.05		0.0058 U	0.0094 U	0.0069 U	0.0069 U	0.0058 U
Benzene	0.06	4.8	0.06		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Bromochloromethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Bromodichloromethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Bromoform	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Bromomethane	NS	NS	NA		0.0019 U	0.0031 U	0.0023 U	0.0023 U	0.0019 U
Carbon Disulfide	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Carbon Tetrachloride	0.76	2.4	0.76		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Chlorobenzene	1.1	100	1.1		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Chloroethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Chloroform	0.37	49	0.37		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Chloromethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.00096 U	0.0016 U	0.0014	0.0017	0.00096 UJ
Cis-1,3-Dichloropropene	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Cyclohexane	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Dibromochloromethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Dichlorodifluoromethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Ethylbenzene	1	41	1		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Isopropylbenzene (Cumene)	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
M,P-Xylenes	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Methyl Acetate	NS	NS	NA		0.0048 UJ	0.0078 U	0.0058 U	0.0057 U	0.0048 UJ
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0048 U	0.0078 U	0.0058 U	0.0057 U	0.0048 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NA		0.0048 U	0.0078 U	0.0058 U	0.0057 U	0.0048 U
Methylcyclohexane	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Methylene Chloride	0.05	100	0.05		0.0019 U	0.0031 U	0.0023 U	0.0023 U	0.0019 U
N-Butylbenzene	12	100	12		0.00096 U	0.0016 U	0.0012 UJ	0.0011 UJ	0.00096 UJ
N-Propylbenzene	3.9	100	3.9		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NA		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Sec-Butylbenzene	11	100	11		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Styrene	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
T-Butylbenzene	5.9	100	5.9		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Tert-Butyl Methyl Ether	0.93	100	0.93		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Tetrachloroethylene (PCE)	1.3	19	1.3		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Toluene	0.7	100	0.7		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00096 UJ	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Trans-1,3-Dichloropropene	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 UJ
Trichloroethylene (TCE)	0.47	21	0.47		0.0018 JL	0.0016 U	0.0063	0.0098	0.00043 J
Trichlorofluoromethane	NS	NS	NA		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Vinyl Chloride	0.02	0.9	0.02		0.00096 U	0.0016 U	0.0012 U	0.0011 U	0.00096 U
Xylenes, Total	0.26	100	1.6		0.0019 UJ	0.0031 U	0.0023 U	0.0023 U	0.0019 UJ

Table 4A
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

				AKRF Sample ID	L3-EP-X01_20230817	L3-EP-08_15_20230817	L3-EP-09_15_20230829	L3-EP-X01_20230829	L3-EP-FB-01_20230717
				Laboratory Sample ID	460-286410-2	460-286410-3	460-287329-1	460-287329-2	460-284409-5
				Date Sampled	8/17/2023	8/17/2023	8/31/2023	8/31/2023	7/17/2023
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
1,1,2-Trichloroethane	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
1,1-Dichloroethane	0.27	26	0.27		0.001 U	0.0012 U	0.00046 J	0.0012 U	1 U
1,1-Dichloroethene	0.33	100	0.33		0.001 UJ	0.0012 U	0.00078 J	0.0012 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
1,2,4-Trichlorobenzene	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
1,2,4-Trimethylbenzene	3.6	52	3.6		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
1,2-Dichloropropane	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
1,3-Dichlorobenzene	2.4	49	2.4		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
1,4-Dichlorobenzene	1.8	13	1.8		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
2-Hexanone	NS	NS	NA		0.0051 U	0.0062 U	0.0053 U	0.0058 U	5 U
Acetone	0.05	100	0.05		0.0061 U	0.0074 U	0.0063 U	0.0069 U	5 U
Benzene	0.06	4.8	0.06		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Bromochloromethane	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Bromodichloromethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Bromoform	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Bromomethane	NS	NS	NA		0.002 U	0.0025 U	0.0021 U	0.0023 U	1 U
Carbon Disulfide	NS	NS	NA		0.001 UJ	0.0012 UJ	0.0011 U	0.0012 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Chlorobenzene	1.1	100	1.1		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Chloroethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
Chloroform	0.37	49	0.37		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Chloromethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 UJ	0.0012 UJ	1.1
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0024 JL	0.0012 U	0.0011 U	0.0012 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Cyclohexane	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Dibromochloromethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Dichlorodifluoromethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Ethylbenzene	1	41	1		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 U	1 U
M,P-Xylenes	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Methyl Acetate	NS	NS	NA		0.0051 UJ	0.0062 U	0.0053 U	0.0058 UJ	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		0.0051 U	0.0062 U	0.0053 U	0.0058 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NA		0.0051 U	0.0062 U	0.0053 U	0.0058 U	5 U
Methylcyclohexane	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
Methylene Chloride	0.05	100	0.05		0.002 U	0.0025 U	0.0021 U	0.0023 U	1 U
N-Butylbenzene	12	100	12		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
N-Propylbenzene	3.9	100	3.9		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Sec-Butylbenzene	11	100	11		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
Styrene	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
T-Butylbenzene	5.9	100	5.9		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.93		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Toluene	0.7	100	0.7		0.001 UJ	0.0012 U	0.0011 UJ	0.0012 UJ	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NA		0.001 UJ	0.0012 U	0.0011 U	0.0012 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47		0.01 J	0.00058 J	0.0013 J	0.0029 J	1 U
Trichlorofluoromethane	NS	NS	NA		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Vinyl Chloride	0.02	0.9	0.02		0.001 U	0.0012 U	0.0011 U	0.0012 U	1 U
Xylenes, Total	0.26	100	1.6		0.002 UJ	0.0025 U	0.0021 U	0.0023 U	2 U

Table 4A
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

				AKRF Sample ID	L3-EP-FB-01_20230804	L3-EP-FB-01_20230815	L3-EP-FB-01_20230817	L3-EP-FB-01_20230829	L3-EP-TB-01_20230717
				Laboratory Sample ID	460-285543-4	460-286205-3	460-286410-4	460-287329-3	460-284409-6
				Date Sampled	8/04/2023	8/15/2023	8/17/2023	8/31/2023	7/17/2023
				Dilution Factor	1	1	1	1	1
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	0.27		1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	3.6		1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4		1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	2.4		1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1.8		1 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NA		5 U	5 U	5 U	5 U	5 U
Acetone	0.05	100	0.05		5 U	5 U	11	5 U	5 U
Benzene	0.06	4.8	0.06		1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	NA		1 U	1 U	1 UJ	1 U	1 U
Bromodichloromethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Bromoform	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Bromomethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NA		1 U	1 UJ	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		1 U	1 U	1 UJ	1 U	1 U
Chlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Chloroform	0.37	49	0.37		1 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1	41	1		1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NA		5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NA		5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		0.35 J	1 U	1 U	1 U	1 U
N-Butylbenzene	12	100	12		1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	3.9	100	3.9		1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	11	100	11		1 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5.9	100	5.9		1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.93		1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		1 U	1 U	1 U	1 U	1 U
Toluene	0.7	100	0.7		1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47		1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	NA		1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		1 U	1 U	1 U	1 U	1 U
Xylenes, Total	0.26	100	1.6		2 U	2 U	2 U	2 U	2 U

Table 4A
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

				AKRF Sample ID	L3-EP-TB-01_20230804	L3-EP-TB-01_20230815	L3-EP-TB-01_20230817	L3-EP-TB-01_20230829
				Laboratory Sample ID	460-285543-5	460-286205-4	460-286410-5	460-287329-4
				Date Sampled	8/04/2023	8/15/2023	8/17/2023	8/31/2023
				Dilution Factor	1	1	1	1
				Unit	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NA		1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NA		1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NA		1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	0.27		1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NA		1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	NA		1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	3.6		1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NA		1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NA		1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		1 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS	NA		1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4		1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	2.4		1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1.8		1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NA		5 U	5 U	5 U	5 U
Acetone	0.05	100	0.05		5 U	5 U	5 U	5 U
Benzene	0.06	4.8	0.06		1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	NA		1 U	1 U	1 UJ	1 U
Bromodichloromethane	NS	NS	NA		1 U	1 U	1 U	1 U
Bromoform	NS	NS	NA		1 U	1 U	1 U	1 U
Bromomethane	NS	NS	NA		1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NA		1 U	1 UJ	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		1 U	1 U	1 UJ	1 U
Chlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NA		1 U	1 U	1 U	1 U
Chloroform	0.37	49	0.37		1 U	1 U	1 U	1 U
Chloromethane	NS	NS	NA		1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NA		1 U	1 U	1 U	1 U
Cyclohexane	NS	NS	NA		1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NA		1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	NA		1 U	1 U	1 U	1 U
Ethylbenzene	1	41	1		1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NA		1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NA		1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NA		5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12		5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NA		5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NA		1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		1 U	1 U	1 U	1 U
N-Butylbenzene	12	100	12		1 U	1 U	1 U	1 U
N-Propylbenzene	3.9	100	3.9		1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NA		1 U	1 U	1 U	1 U
Sec-Butylbenzene	11	100	11		1 U	1 U	1 U	1 U
Styrene	NS	NS	NA		1 U	1 U	1 U	1 U
T-Butylbenzene	5.9	100	5.9		1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.93		1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		1 U	1 U	1 U	1 U
Toluene	0.7	100	0.7		1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NA		1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47		1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	NA		1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		1 U	1 U	1 U	1 U
Xylenes, Total	0.26	100	1.6		2 U	2 U	2 U	2 U

Table 4B
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	L3-EP-01_15_20230717	L3-EP-X01_20230717	L3-EP-02_15_20230717	L3-EP-03_15_20230717	L3-EP-04_25_20230804
		Laboratory Sample ID	460-284409-2	460-284409-1	460-284409-3	460-284409-4	460-285543-1
		Date Sampled	7/17/2023	7/17/2023	7/17/2023	7/17/2023	8/04/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.034 U	0.034 U	0.034 U	0.034 U	0.035 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
2,6-Dinitrotoluene	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
2-Chloronaphthalene	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2-Chlorophenol	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2-Methylnaphthalene	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2-Methylphenol (O-Cresol)	0.33	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
2-Nitroaniline	NS	NS	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.35 U
2-Nitrophenol	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
3- And 4- Methylphenol (Total)	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4-Chloroaniline	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4-Nitroaniline	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
4-Nitrophenol	NS	NS	0.69 UJ	0.69 UJ	0.69 UJ	0.69 UJ	0.71 U
Acenaphthene	20	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Acenaphthylene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Acetophenone	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Anthracene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Atrazine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.35 UJ
Benzo(a)Anthracene	1	1	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Benzo(a)Pyrene	1	1	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Benzo(b)Fluoranthene	1	1	0.034 U	0.034 U	0.034 U	0.034 U	0.011 J
Benzo(g,h,i)Perylene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Benzo(k)Fluoranthene	0.8	3.9	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Benzyl Butyl Phthalate	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.072 J
Caprolactam	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Carbazole	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Chrysene	1	3.9	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Dibenz(a,h)Anthracene	0.33	0.33	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Dibenzofuran	7	59	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Diethyl Phthalate	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Dimethyl Phthalate	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 UJ
Di-N-Butyl Phthalate	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Fluoranthene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Fluorene	30	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Hexachlorobenzene	0.33	1.2	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Hexachlorobutadiene	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
Hexachlorocyclopentadiene	NS	NS	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.35 U
Hexachloroethane	NS	NS	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
Isophorone	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Nitrobenzene	NS	NS	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.034 U	0.034 U	0.034 U	0.034 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Pentachlorophenol	0.8	6.7	0.27 U	0.27 U	0.27 U	0.27 U	0.28 U
Phenanthrene	100	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Phenol	0.33	100	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U
Pyrene	100	100	0.34 U	0.34 U	0.011 J	0.34 U	0.013 J

Table 4B
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	L3-EP-X01_20230804	L3-EP-05_25_20230804	L3-EP-06_15_20230815	L3-EP-X01_20230815	L3-EP-07_15_20230817
		Laboratory Sample ID	460-285543-2	460-285543-3	460-286205-1	460-286205-2	460-286410-1
		Date Sampled	8/04/2023	8/04/2023	8/15/2023	8/15/2023	8/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.034 UJ	0.035 UJ	0.034 U	0.034 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2,4-Dinitrophenol	NS	NS	0.27 U	0.28 U	0.27 U	0.28 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
2,6-Dinitrotoluene	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
2-Chloronaphthalene	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2-Chlorophenol	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2-Methylnaphthalene	NS	NS	0.017 J	0.35 U	0.34 U	0.34 U	0.066 J
2-Methylphenol (O-Cresol)	0.33	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2-Nitroaniline	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
2-Nitrophenol	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	0.28 U	0.27 U	0.28 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4-Chloroaniline	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4-Nitroaniline	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
4-Nitrophenol	NS	NS	0.69 U	0.7 U	0.68 UJ	0.69 UJ	0.7 UJ
Acenaphthene	20	100	0.023 J	0.35 U	0.34 U	0.34 U	0.066 J
Acenaphthylene	100	100	0.34 U	0.35 U	0.34 U	0.34 U	0.029 J
Acetophenone	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Anthracene	100	100	0.012 J	0.35 U	0.34 U	0.017 J	0.24 J
Atrazine	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.34 UJ	0.35 UJ	0.34 UJ	0.34 UJ	0.34 UJ
Benzo(a)Anthracene	1	1	0.034 U	0.035 U	0.026 J	0.054 J	0.53 J
Benzo(a)Pyrene	1	1	0.016 J	0.035 U	0.018 J	0.046 J	0.43 J
Benzo(b)Fluoranthene	1	1	0.018 J	0.035 U	0.024 J	0.056 J	0.43 J
Benzo(g,h,i)Perylene	100	100	0.34 U	0.35 U	0.017 J	0.029 J	0.2 J
Benzo(k)Fluoranthene	0.8	3.9	0.034 U	0.035 U	0.015 J	0.025 J	0.13 J
Benzyl Butyl Phthalate	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.018 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.034 U	0.035 U	0.034 U	0.034 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.035 J
Caprolactam	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Carbazole	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.019 J
Chrysene	1	3.9	0.03 J	0.35 U	0.022 J	0.05 J	0.68 JL
Dibenz(a,h)Anthracene	0.33	0.33	0.034 U	0.035 U	0.034 U	0.034 U	0.075
Dibenzofuran	7	59	0.016 J	0.35 U	0.34 U	0.34 U	0.022 J
Diethyl Phthalate	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Dimethyl Phthalate	NS	NS	0.34 UJ	0.35 U	0.34 U	0.34 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	0.34 U	0.35 U	0.047 J	0.085 J	0.34 U
Di-N-Octylphthalate	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Fluoranthene	100	100	0.024 J	0.35 U	0.04 J	0.12 J	0.69
Fluorene	30	100	0.017 J	0.35 U	0.34 U	0.34 U	0.1 J
Hexachlorobenzene	0.33	1.2	0.034 U	0.035 U	0.034 U	0.034 U	0.034 U
Hexachlorobutadiene	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
Hexachlorocyclopentadiene	NS	NS	0.34 U	0.35 U	0.34 UJ	0.34 UJ	0.34 R
Hexachloroethane	NS	NS	0.034 U	0.035 U	0.034 U	0.034 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.034 U	0.035 U	0.028 J	0.051	0.22 J
Isophorone	NS	NS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	0.011 J	0.35 U	0.028 J	0.013 J	0.21 J
Nitrobenzene	NS	NS	0.034 U	0.035 U	0.034 U	0.034 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	0.034 U	0.035 U	0.034 U	0.034 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Pentachlorophenol	0.8	6.7	0.27 U	0.28 U	0.27 U	0.28 U	0.28 U
Phenanthrene	100	100	0.053 J	0.35 U	0.34 U	0.076 J	1.3 JL
Phenol	0.33	100	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U
Pyrene	100	100	0.03 J	0.35 U	0.036 J	0.095 J	1.2 JL

Table 4B
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	L3-EP-X01_20230817	L3-EP-08_15_20230817	L3-EP-09_15_20230829	L3-EP-X01_20230829	L3-EP-FB-01_20230717
			Laboratory Sample ID	460-286410-2	460-286410-3	460-287329-1	460-287329-2	460-284409-5
			Date Sampled	8/17/2023	8/17/2023	8/31/2023	8/31/2023	7/17/2023
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
			Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
1,4-Dioxane (P-Dioxane)	0.1	13		0.036 U	0.034 U	0.033 U	0.034 U	0.2 UJ
2,3,4,6-Tetrachlorophenol	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2,4,5-Trichlorophenol	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2,4,6-Trichlorophenol	NS	NS		0.14 U	0.14 U	0.13 U	0.14 U	10 U
2,4-Dichlorophenol	NS	NS		0.14 U	0.14 U	0.13 U	0.14 U	10 U
2,4-Dimethylphenol	NS	NS		0.36 U	0.34 U	0.33 UJ	0.34 UJ	10 U
2,4-Dinitrophenol	NS	NS		0.29 U	0.27 U	0.27 U	0.27 U	40 U
2,4-Dinitrotoluene	NS	NS		0.072 U	0.068 U	0.068 U	0.068 U	10 U
2,6-Dinitrotoluene	NS	NS		0.072 U	0.068 U	0.068 U	0.068 U	2 U
2-Chloronaphthalene	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2-Chlorophenol	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2-Methylnaphthalene	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2-Methylphenol (O-Cresol)	0.33	100		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2-Nitroaniline	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
2-Nitrophenol	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
3- And 4- Methylphenol (Total)	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
3,3'-Dichlorobenzidine	NS	NS		0.14 U	0.14 U	0.13 U	0.14 U	10 U
3-Nitroaniline	NS	NS		0.36 U	0.34 U	0.33 UJ	0.34 UJ	10 U
4,6-Dinitro-2-Methylphenol	NS	NS		0.29 U	0.27 U	0.27 U	0.27 U	20 U
4-Bromophenyl Phenyl Ether	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
4-Chloro-3-Methylphenol	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
4-Chloroaniline	NS	NS		0.36 U	0.34 U	0.33 UJ	0.34 UJ	10 U
4-Chlorophenyl Phenyl Ether	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
4-Methylphenol (P-Cresol)	0.33	100		0.36 U	0.34 U	0.33 U	0.34 U	10 U
4-Nitroaniline	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
4-Nitrophenol	NS	NS		0.72 UJ	0.68 UJ	0.68 U	0.68 U	20 U
Acenaphthene	20	100		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Acenaphthylene	100	100		0.017 J	0.34 U	0.33 U	0.34 U	10 U
Acetophenone	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Anthracene	100	100		0.022 J	0.34 U	0.33 U	0.34 U	10 U
Atrazine	NS	NS		0.14 U	0.14 U	0.13 U	0.14 U	2 U
Benzaldehyde	NS	NS		0.36 UJ	0.34 UJ	0.33 U	0.34 U	10 UJ
Benzo(a)Anthracene	1	1		0.1 J	0.034 U	0.033 U	0.034 U	1 U
Benzo(a)Pyrene	1	1		0.1 J	0.021 J	0.033 U	0.034 U	1 U
Benzo(b)Fluoranthene	1	1		0.13 J	0.026 J	0.033 U	0.034 U	2 U
Benzo(g,h,i)Perylene	100	100		0.064 J	0.014 J	0.33 U	0.34 U	10 UJ
Benzo(k)Fluoranthene	0.8	3.9		0.054 J	0.014 J	0.033 U	0.034 U	1 U
Benzyl Butyl Phthalate	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Biphenyl (Diphenyl)	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS		0.036 U	0.034 U	0.033 U	0.034 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS		0.027 J	0.34 U	0.033 J	2 J	2 UJ
Caprolactam	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Carbazole	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Chrysene	1	3.9		0.079 JL	0.017 J	0.33 U	0.34 U	2 U
Dibenz(a,h)Anthracene	0.33	0.33		0.036 U	0.034 U	0.033 U	0.034 U	1 UJ
Dibenzofuran	7	59		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Diethyl Phthalate	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Dimethyl Phthalate	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Di-N-Butyl Phthalate	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Di-N-Octylphthalate	NS	NS		0.36 U	0.34 U	0.33 U	0.075 J	10 UJ
Fluoranthene	100	100		0.17 J	0.036 J	0.33 U	0.34 U	10 U
Fluorene	30	100		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Hexachlorobenzene	0.33	1.2		0.036 U	0.034 U	0.033 U	0.034 U	1 U
Hexachlorobutadiene	NS	NS		0.072 U	0.068 U	0.068 U	0.068 U	1 U
Hexachlorocyclopentadiene	NS	NS		0.36 R	0.34 UJ	0.33 UJ	0.34 UJ	10 U
Hexachloroethane	NS	NS		0.036 U	0.034 U	0.033 U	0.034 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5		0.094 JL	0.029 J	0.021 J	0.022 J	2 UJ
Isophorone	NS	NS		0.14 U	0.14 U	0.13 U	0.14 U	10 U
Naphthalene	12	100		0.028 J	0.34 U	0.33 U	0.34 U	2 U
Nitrobenzene	NS	NS		0.036 U	0.034 U	0.033 U	0.034 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS		0.036 U	0.034 U	0.033 U	0.034 U	1 U
N-Nitrosodiphenylamine	NS	NS		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Pentachlorophenol	0.8	6.7		0.29 U	0.27 U	0.27 U	0.27 U	20 U
Phenanthrene	100	100		0.078 JL	0.015 J	0.33 U	0.34 U	10 U
Phenol	0.33	100		0.36 U	0.34 U	0.33 U	0.34 U	10 U
Pyrene	100	100		0.16 JL	0.032 J	0.0098 J	0.011 J	10 U

Table 4B
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	L3-EP-FB-01_20230804	L3-EP-FB-01_20230815	L3-EP-FB-01_20230817	L3-EP-FB-01_20230829
		Laboratory Sample ID	460-285543-4	460-286205-3	460-286410-4	460-287329-3
		Date Sampled	8/04/2023	8/15/2023	8/17/2023	8/31/2023
		Unit	µg/L	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.2 UJ	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	NS	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	NS	NS	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	NS	NS	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	NS	NS	40 U	40 UJ	40 U	40 U
2,4-Dinitrotoluene	NS	NS	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	NS	NS	2 U	2 U	2 U	2 U
2-Chloronaphthalene	NS	NS	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	NS	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	NS	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	10 U	10 U	10 U	10 U
2-Nitroaniline	NS	NS	10 U	10 UJ	10 U	10 UJ
2-Nitrophenol	NS	NS	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	NS	10 UJ	10 U	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	10 U	10 U	10 U	10 U
3-Nitroaniline	NS	NS	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	NS	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	10 U	10 U	10 U	10 U
4-Chloroaniline	NS	NS	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	10 UJ	10 U	10 U	10 U
4-Nitroaniline	NS	NS	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	NS	20 U	20 U	20 U	20 UJ
Acenaphthene	20	100	10 U	10 U	10 U	10 U
Acenaphthylene	100	100	10 U	10 U	10 U	10 U
Acetophenone	NS	NS	10 U	10 U	10 U	10 U
Anthracene	100	100	10 U	10 U	10 U	10 U
Atrazine	NS	NS	2 U	2 U	2 U	2 U
Benzaldehyde	NS	NS	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	1	1	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	1	1	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	1	1	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	100	100	10 UJ	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.8	3.9	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	10 U	10 U	10 U	10 UJ
Biphenyl (Diphenyl)	NS	NS	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	10 U	10 UJ	10 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	2 U	2 U	2 U	2 UJ
Caprolactam	NS	NS	10 U	10 U	10 U	10 U
Carbazole	NS	NS	10 U	10 U	10 U	10 U
Chrysene	1	3.9	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	0.33	0.33	1 UJ	1 U	1 U	1 U
Dibenzofuran	7	59	10 U	10 U	10 U	10 U
Diethyl Phthalate	NS	NS	10 U	10 U	10 U	10 U
Dimethyl Phthalate	NS	NS	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	NS	NS	10 UJ	10 U	10 U	10 UJ
Fluoranthene	100	100	10 U	10 U	10 U	10 U
Fluorene	30	100	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.33	1.2	1 U	1 U	1 U	1 U
Hexachlorobutadiene	NS	NS	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	NS	NS	10 U	10 U	10 U	10 U
Hexachloroethane	NS	NS	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	2 UJ	2 U	2 U	2 U
Isophorone	NS	NS	10 U	10 U	10 U	10 U
Naphthalene	12	100	2 U	2 U	2 U	2 U
Nitrobenzene	NS	NS	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	10 U	10 U	10 U	10 U
Pentachlorophenol	0.8	6.7	20 U	20 U	20 U	20 U
Phenanthrene	100	100	10 U	10 U	10 U	10 U
Phenol	0.33	100	10 U	10 U	10 U	10 U
Pyrene	100	100	10 U	10 U	10 U	10 U

Table 4C
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	L3-EP-01_15_20230717	L3-EP-X01_20230717	L3-EP-02_15_20230717	L3-EP-03_15_20230717	L3-EP-04_25_20230804
		Laboratory Sample ID	460-284409-2	460-284409-1	460-284409-3	460-284409-4	460-285543-1
		Date Sampled	7/17/2023	7/17/2023	7/17/2023	7/17/2023	8/04/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	2,360 J	3,930 J	2,980	2,190	2,910
Antimony	NS	NS	1 UJ	0.92 UJ	0.92 U	0.8 U	0.87 U
Arsenic	13	16	1.9	1	0.83 J	0.76 J	1.3
Barium	350	400	13 JL	15.1 JL	16.9	18.5	19.6 JK
Beryllium	7.2	72	0.28 J	0.18 J	0.16 J	0.12 J	0.18 J
Cadmium	2.5	4.3	1 U	0.92 U	0.92 U	0.8 U	0.87 U
Calcium	NS	NS	372 J	1,030 J	1,070	732	2,210 J
Chromium, Hexavalent	1	110	2.1 U	2 U	2.1 U	2 U	NR
Chromium, Total	NS	NS	4.6 J	7.4 J	7	5.6	11.2
Cobalt	NS	NS	2.2	2.8	3	2.1	3.7
Copper	50	270	7.7 JL	10.3 JL	5.8	6.3	7.8
Iron	NS	NS	5,470	8,230	7,770	6,340	14,200
Lead	63	400	5.5 JL	3.6 JL	2.3	2.6	6.6 JK
Magnesium	NS	NS	776 J	1,180 J	1,410	830	1,460 JL
Manganese	1,600	2,000	162 J	193 J	168	149	281
Mercury	0.18	0.81	0.017 U	0.015 U	0.017 U	0.016 U	0.022
Nickel	30	310	4.5	6.9	7.2	4.3	7.1
Potassium	NS	NS	211	352	299	223	307
Selenium	3.9	180	0.13 J	1.2 U	1.2 U	1 U	0.13 J
Silver	2	180	0.41 U	0.37 U	0.37 U	0.32 U	0.35 U
Sodium	NS	NS	103 U	116	42.5 J	41.7 J	89
Thallium	NS	NS	0.41 U	0.37 U	0.37 U	0.32 U	0.35 U
Vanadium	NS	NS	6.4 J	10.9 J	9.8	7.7	17.3
Zinc	109	10,000	17.6	18.6	12.1	13.8	16.8

Table 4C
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	L3-EP-X01_20230804	L3-EP-05_25_20230804	L3-EP-06_15_20230815	L3-EP-X01_20230815	L3-EP-07_15_20230817
		Laboratory Sample ID	460-285543-2	460-285543-3	460-286205-1	460-286205-2	460-286410-1
		Date Sampled	8/04/2023	8/04/2023	8/15/2023	8/15/2023	8/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	3,520	2,470	3,570	3,130	5,020
Antimony	NS	NS	0.83 U	0.79 U	0.14 J	0.27 J	0.31 J
Arsenic	13	16	1	0.62 J	1.2	0.96	2.1
Barium	350	400	19.5 JK	15.8	25.3 JK	21.1 JK	34.9
Beryllium	7.2	72	0.2 J	0.11 J	0.2 J	0.15 J	0.23 J
Cadmium	2.5	4.3	0.83 U	0.79 U	0.77 U	0.79 U	0.11 J
Calcium	NS	NS	688 J	540	1,080	1,040	3,700
Chromium, Hexavalent	1	110	NR	NR	2 U	2.1 U	2.1 U
Chromium, Total	NS	NS	8.6	7.6	9.3	7.8	11 JK
Cobalt	NS	NS	2.8	2.4	3.7	2.3	3.4
Copper	50	270	7.6	5.1	13.2	9.4	14.6
Iron	NS	NS	10,100	7,660	9,490	8,130	9,610
Lead	63	400	1.9 JK	1.5	8.4 JK	8.7 JK	39
Magnesium	NS	NS	1,090 JL	848	1,160	1,100	2,260
Manganese	1,600	2,000	201	167	226	191	211
Mercury	0.18	0.81	0.0081 J	0.016 U	0.0094 J	0.026	0.096
Nickel	30	310	5.9	5.3	6.4	5.6	8.8
Potassium	NS	NS	340	453	526	402	615
Selenium	3.9	180	1 U	0.99 U	0.96 U	0.99 U	0.13 J
Silver	2	180	0.33 U	0.32 U	0.31 U	0.32 U	0.32 U
Sodium	NS	NS	102	53.9 J	71.1 J	59.8 J	115
Thallium	NS	NS	0.33 U	0.32 U	0.032 J	0.32 U	0.32 U
Vanadium	NS	NS	13.3	10.7	13.8	10.6	15.6
Zinc	109	10,000	12.7	10.1	22.8	18.1	37.8

Table 4C
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	L3-EP-X01_20230817	L3-EP-08_15_20230817	L3-EP-09_15_20230829	L3-EP-X01_20230829	L3-EP-FB-01_20230717
		Laboratory Sample ID	460-286410-2	460-286410-3	460-287329-1	460-287329-2	460-284409-5
		Date Sampled	8/17/2023	8/17/2023	8/31/2023	8/31/2023	7/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,190	3,260	3,230	2,810	40 U
Antimony	NS	NS	0.38 J	0.77 U	1 UJ	0.95 UJ	2 U
Arsenic	13	16	3.4	1.2	0.87 J	0.92 J	2 U
Barium	350	400	52.1	20.1	21.2	20.3	4 U
Beryllium	7.2	72	0.33 J	0.17 J	0.16 J	0.16 J	0.8 U
Cadmium	2.5	4.3	0.15 J	0.77 U	1 U	0.95 U	2 U
Calcium	NS	NS	3,130	1,580	532 JK	1,310 JK	500 U
Chromium, Hexavalent	1	110	2.1 U	2 U	2 U	2 U	10 U
Chromium, Total	NS	NS	16.9 JK	8.9	8.2	6.3	4 U
Cobalt	NS	NS	4.7	2.8	2.5	2.4	4 U
Copper	50	270	20	7.6	9.6 JL	7.2 JL	4 U
Iron	NS	NS	15,500	8,810	7,480	6,870	120 U
Lead	63	400	55.4	6.2	3.1	3.5	1.2 U
Magnesium	NS	NS	2,350	1,090	1,080	879	200 U
Manganese	1,600	2,000	263	198	179 JL	202 JL	8 U
Mercury	0.18	0.81	0.13	0.015 J	0.016 U	0.017 U	0.2 U
Nickel	30	310	12.6	6.3	5.9	5.3	4 U
Potassium	NS	NS	900	329	313	287	200 U
Selenium	3.9	180	0.21 J	0.97 U	1.3 U	1.2 U	2.5 U
Silver	2	180	0.35 U	0.31 U	0.4 U	0.38 U	2 U
Sodium	NS	NS	116	67 J	53.1 JK	46.1 JK	500 U
Thallium	NS	NS	0.35 U	0.31 U	0.4 U	0.38 U	0.8 U
Vanadium	NS	NS	22.7	12.3	9	9.2	4 U
Zinc	109	10,000	65.7	14.8	12.4	13.1	16 U

Table 4C
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	L3-EP-FB-01_20230804	L3-EP-FB-01_20230815	L3-EP-FB-01_20230817	L3-EP-FB-01_20230829
		Laboratory Sample ID	460-285543-4	460-286205-3	460-286410-4	460-287329-3
		Date Sampled	8/04/2023	8/15/2023	8/17/2023	8/31/2023
		Unit	µg/L	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	40 U	40 U	40 U	40 U
Antimony	NS	NS	2 U	2 U	2 U	2 U
Arsenic	13	16	2 U	2 U	2 U	2 U
Barium	350	400	4 U	4 U	4 U	4 U
Beryllium	7.2	72	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	2.5	4.3	2 U	2 U	2 U	2 U
Calcium	NS	NS	500 U	500 U	500 U	500 U
Chromium, Hexavalent	1	110	NR	10 U	10 U	10 U
Chromium, Total	NS	NS	4 U	4 U	4 U	4 U
Cobalt	NS	NS	4 U	4 U	4 U	4 U
Copper	50	270	4 U	4 U	4 U	4 U
Iron	NS	NS	120 U	120 U	120 U	120 U
Lead	63	400	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	NS	NS	200 U	200 U	200 U	200 U
Manganese	1,600	2,000	8 U	8 U	8 U	8 U
Mercury	0.18	0.81	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	30	310	4 U	4 U	4 U	4 U
Potassium	NS	NS	200 U	200 U	200 U	200 U
Selenium	3.9	180	2.5 U	2.5 U	2.5 U	2.5 U
Silver	2	180	2 U	2 U	2 U	2 U
Sodium	NS	NS	500 U	500 U	500 U	500 U
Thallium	NS	NS	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	NS	4 U	4 U	4 U	4 U
Zinc	109	10,000	16 U	16 U	16 U	16 U

Table 4D
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	L3-EP-01_15_20230717	L3-EP-X01_20230717	L3-EP-02_15_20230717	L3-EP-03_15_20230717	L3-EP-04_25_20230804
		Laboratory Sample ID	460-284409-2	460-284409-1	460-284409-3	460-284409-4	460-285543-1
		Date Sampled	7/17/2023	7/17/2023	7/17/2023	7/17/2023	8/04/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U
Total PCBs	0.1	1	0.069 U	0.069 U	0.069 U	0.069 U	0.071 U

Table 4D
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	L3-EP-X01_20230804	L3-EP-05_25_20230804	L3-EP-06_15_20230815	L3-EP-X01_20230815	L3-EP-07_15_20230817
		Laboratory Sample ID	460-285543-2	460-285543-3	460-286205-1	460-286205-2	460-286410-1
		Date Sampled	8/04/2023	8/04/2023	8/15/2023	8/15/2023	8/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1221 (Aroclor 1221)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1232 (Aroclor 1232)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1242 (Aroclor 1242)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1248 (Aroclor 1248)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1254 (Aroclor 1254)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1260 (Aroclor 1260)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1262 (Aroclor 1262)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
PCB-1268 (Aroclor 1268)	NS	NS	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U
Total PCBs	0.1	1	0.069 U	0.07 U	0.068 U	0.069 U	0.07 U

Table 4D
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	L3-EP-X01_20230817	L3-EP-08_15_20230817	L3-EP-09_15_20230829	L3-EP-X01_20230829	L3-EP-FB-01_20230717
		Laboratory Sample ID	460-286410-2	460-286410-3	460-287329-1	460-287329-2	460-284409-5
		Date Sampled	8/17/2023	8/17/2023	8/31/2023	8/31/2023	7/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U
Total PCBs	0.1	1	0.072 U	0.068 U	0.067 U	0.068 U	0.4 U

Table 4D
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	L3-EP-FB-01_20230804	L3-EP-FB-01_20230815	L3-EP-FB-01_20230817	L3-EP-FB-01_20230829
		Laboratory Sample ID	460-285543-4	460-286205-3	460-286410-4	460-287329-3
		Date Sampled	8/04/2023	8/15/2023	8/17/2023	8/31/2023
		Unit	µg/L	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.1	1	0.4 U	0.4 U	0.4 U	0.4 U

Table 4E
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	L3-EP-01_15_20230717	L3-EP-X01_20230717	L3-EP-02_15_20230717	L3-EP-03_15_20230717
		Laboratory Sample ID	460-284409-2	460-284409-1	460-284409-3	460-284409-4
		Date Sampled	7/17/2023	7/17/2023	7/17/2023	7/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Beta Endosulfan	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
cis-Chlordane	0.094	4.2	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Dieldrin	0.005	0.2	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Endrin Aldehyde	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Endrin Ketone	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0021 U	0.0021 U	0.0021 U
Heptachlor	0.042	2.1	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Heptachlor Epoxide	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Methoxychlor	NS	NS	0.0069 U	0.0069 U	0.0069 U	0.0069 U
P,P'-DDD	0.0033	13	0.0069 U	0.0069 U	0.0069 U	0.0069 U
P,P'-DDE	0.0033	8.9	0.0069 U	0.0069 U	0.0069 U	0.0069 U
P,P'-DDT	**0.0033**	7.9	0.0069 U	0.0069 U	0.0069 U	0.0069 U
Toxaphene	NS	NS	0.069 U	0.069 U	0.069 U	0.069 U

Table 4E
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	L3-EP-06_15_20230815	L3-EP-X01_20230815	L3-EP-07_15_20230817	L3-EP-X01_20230817
		Laboratory Sample ID	460-286205-1	460-286205-2	460-286410-1	460-286410-2
		Date Sampled	8/15/2023	8/15/2023	8/17/2023	8/17/2023
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0068 U	0.0069 U	0.007 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.0021 U	0.0021 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.0021 U	0.0021 U	0.0022 U
Beta Endosulfan	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
cis-Chlordane	0.094	4.2	0.0068 U	0.011 J	0.009 JK	0.032 JK
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.0021 U	0.0021 U	0.0022 U
Dieldrin	0.005	0.2	0.002 U	0.0021 U	0.0021 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0068 U	0.0069 U	0.007 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
Endrin Ketone	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.0021 U	0.0021 U	0.0022 U
Heptachlor	0.042	2.1	0.0068 U	0.0069 U	0.007 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
Methoxychlor	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0072 U
P,P'-DDD	0.0033	13	0.0068 U	0.0069 U	0.007 U	0.0072 U
P,P'-DDE	0.0033	8.9	0.0068 U	0.0069 U	0.007 U	0.0072 U
P,P'-DDT	**0.0033**	7.9	0.0068 U	0.0027 J	0.007 U	**0.0069 J**
Toxaphene	NS	NS	0.068 U	0.069 U	0.07 U	0.072 U

Table 4E
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	L3-EP-08_15_20230817	L3-EP-09_15_20230829	L3-EP-X01_20230829	L3-EP-FB-01_20230717
		Laboratory Sample ID	460-286410-3	460-287329-1	460-287329-2	460-284409-5
		Date Sampled	8/17/2023	8/31/2023	8/31/2023	7/17/2023
		Unit	mg/kg	mg/kg	mg/kg	µg/L
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0068 U	0.0067 U	0.0068 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 U	0.002 U	0.002 U	0.02 U
Alpha Endosulfan	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 U	0.002 U	0.002 U	0.02 U
Beta Endosulfan	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
cis-Chlordane	0.094	4.2	0.0068 U	0.0067 U	0.0068 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 U	0.002 U	0.002 U	0.02 U
Dieldrin	0.005	0.2	0.002 U	0.002 U	0.002 U	0.02 U
Endosulfan Sulfate	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0068 U	0.0067 U	0.0068 U	0.02 U
Endrin Aldehyde	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
Endrin Ketone	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3	0.002 U	0.002 U	0.002 U	0.02 U
Heptachlor	0.042	2.1	0.0068 U	0.0067 U	0.0068 U	0.02 U
Heptachlor Epoxide	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
Methoxychlor	NS	NS	0.0068 U	0.0067 U	0.0068 U	0.02 U
P,P'-DDD	0.0033	13	0.0068 U	0.0067 U	0.0068 U	0.02 U
P,P'-DDE	0.0033	8.9	0.0068 U	0.0067 U	0.0068 U	0.02 U
P,P'-DDT	**0.0033**	7.9	0.0068 U	0.0067 U	0.0068 U	0.02 U
Toxaphene	NS	NS	0.068 U	0.067 U	0.068 U	0.5 U

Table 4E
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Pesticides

			AKRF Sample ID	L3-EP-FB-01_20230815	L3-EP-FB-01_20230817	L3-EP-FB-01_20230829
			Laboratory Sample ID	460-286205-3	460-286410-4	460-287329-3
			Date Sampled	8/15/2023	8/17/2023	8/31/2023
			Unit	µg/L	µg/L	µg/L
			Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097		0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48		0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	NS		0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36		0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	NS		0.02 U	0.02 U	0.02 U
cis-Chlordane	0.094	4.2		0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100		0.02 U	0.02 U	0.02 U
Dieldrin	0.005	0.2		0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	NS		0.02 U	0.02 U	0.02 U
Endosulfans ABS	2.4	24		0 U	0 U	0 U
Endrin	0.014	11		0.02 U	0.02 U	0.02 U
Endrin Aldehyde	NS	NS		0.02 U	0.02 U	0.02 U
Endrin Ketone	NS	NS		0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3		0.02 U	0.02 U	0.02 U
Heptachlor	0.042	2.1		0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS		0.02 U	0.02 U	0.02 U
Methoxychlor	NS	NS		0.02 U	0.02 U	0.02 U
P,P'-DDD	0.0033	13		0.02 U	0.02 U	0.02 U
P,P'-DDE	0.0033	8.9		0.02 U	0.02 U	0.02 U
P,P'-DDT	**0.0033**	7.9		0.02 U	0.02 U	0.02 U
Toxaphene	NS	NS		0.5 U	0.5 U	0.5 U

Table 4F
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	L3-EP-01_15_20230717	L3-EP-X01_20230717	L3-EP-02_15_20230717	L3-EP-03_15_20230717
		Laboratory Sample ID	460-284427-2	460-284427-1	460-284427-3	460-284427-4
		Date Sampled	7/17/2023	7/17/2023	7/17/2023	7/17/2023
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.79 U	0.8 U	0.8 U	0.8 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.79 U	0.8 U	0.8 U	0.8 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.95 U	4.99 U	4.98 U	5 U
3-Perfluoroheptyl propanoic acid	NS	NS	4.95 U	4.99 U	4.98 U	5 U
3-Perfluoropropyl propanoic acid	NS	NS	0.99 U	1 U	1 U	1 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.79 U	0.8 U	0.8 U	0.8 U
6:2 Fluorotelomer sulfonate	NS	NS	0.99 U	1 U	1 U	1 U
8:2 Fluorotelomer sulfonate	NS	NS	0.99 U	1 U	1 U	1 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.79 U	0.8 U	0.8 U	0.8 U
Hexafluoropropylene oxide dimer acid	NS	NS	0.79 U	0.8 U	0.8 U	0.8 U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.98 U	1.99 U	1.99 U	2 U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.98 U	1.99 U	1.99 U	2 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4 U	0.4 UJ	0.4 UJ	0.4 UJ
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
Perfluorobutanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorobutanoic acid	NS	NS	0.79 U	0.8 U	3.89 U	0.8 U
Perfluorodecanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorodecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorododecanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorododecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluoroheptanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorohexanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorononanesulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorononanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorooctanoic acid (PFOA)	0.66	33	0.2 U	0.2 U	0.2 U	0.2 U
Perfluoropentanoic acid	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
Perfluoropentansulfonic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorotetradecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluorotridecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U
Perfluoroundecanoic acid	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U

Table 4F
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	L3-EP-04_25_20230804	L3-EP-X01_20230804	L3-EP-05_25_20230804	L3-EP-06_15_20230815
		Laboratory Sample ID	460-285571-1	460-285571-2	460-285571-3	460-286238-1
		Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/15/2023
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	5.84 U	5.23 U	5.21 U	6.13 U
3-Perfluoroheptyl propanoic acid	NS	NS	5.84 U	5.23 U	5.21 U	6.13 U
3-Perfluoropropyl propanoic acid	NS	NS	1.17 U	1.05 U	1.04 U	1.23 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
6:2 Fluorotelomer sulfonate	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
8:2 Fluorotelomer sulfonate	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
Hexafluoropropylene oxide dimer acid	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2.34 U	2.09 U	2.08 U	2.45 U
N-methyl perfluorooctanesulfonamide	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2.34 U	2.09 U	2.08 U	2.45 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.47 U	0.42 U	0.42 U	0.49 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.47 U	0.42 U	0.42 U	0.49 U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.47 U	0.42 U	0.42 U	0.49 U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.47 U	0.42 U	0.42 U	0.49 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorobutanoic acid	NS	NS	0.93 U	0.84 U	0.83 U	0.98 U
Perfluorodecanesulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorodecanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorododecanesulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorododecanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluoroheptanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorohexanesulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorohexanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorononanesulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorononanoic acid	NS	NS	0.024 J	0.021 J	0.21 U	0.25 U
Perfluorooctanesulfonamide	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.22 J	0.18 J	0.21 U	0.075 J
Perfluorooctanoic acid (PFOA)	0.66	33	0.077 J	0.093 J	0.21 U	0.25 U
Perfluoropentanoic acid	NS	NS	0.47 U	0.42 U	0.42 U	0.49 U
Perfluoropentansulfonic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.21 U	0.21 U	0.25 U

Table 4F
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	L3-EP-X01_20230815	L3-EP-07_15_20230817	L3-EP-X01_20230817	L3-EP-08_15_20230817
		Laboratory Sample ID	460-286238-2	460-286432-1	460-286432-2	460-286432-3
		Date Sampled	8/15/2023	8/17/2023	8/17/2023	8/17/2023
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	5.82 U	5.82 U	5.97 U	6.15 U
3-Perfluoroheptyl propanoic acid	NS	NS	5.82 U	5.82 U	5.97 U	6.15 U
3-Perfluoropropyl propanoic acid	NS	NS	1.16 U	1.16 U	1.19 U	1.23 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
6:2 Fluorotelomer sulfonate	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
8:2 Fluorotelomer sulfonate	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
Hexafluoropropylene oxide dimer acid	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2.33 U	2.33 U	2.39 U	2.46 U
N-methyl perfluorooctanesulfonamide	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2.33 U	2.33 U	2.39 U	2.46 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.47 U	0.47 U	0.48 U	0.49 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.47 U	0.47 U	0.48 U	0.49 U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.47 U	0.47 U	0.48 U	0.49 U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.47 U	0.47 U	0.48 U	0.49 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorobutanoic acid	NS	NS	0.93 U	0.93 U	0.96 U	0.98 U
Perfluorodecanesulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorodecanoic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorododecanesulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorododecanoic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluoroheptanoic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorohexanesulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorohexanoic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorononanesulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorononanoic acid	NS	NS	0.23 U	0.06 J	0.029 J	0.25 U
Perfluorooctanesulfonamide	NS	NS	0.23 U	0.018 J	0.016 J	0.028 J
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.23 U	0.44	0.37	0.25 U
Perfluorooctanoic acid (PFOA)	0.66	33	0.23 U	0.14 J	0.24 U	0.25 U
Perfluoropentanoic acid	NS	NS	0.47 U	0.47 U	0.48 U	0.49 U
Perfluoropentansulfonic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.23 U	0.24 U	0.25 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.041 J	0.041 J	0.25 U

Table 4F
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	L3-EP-09_15_20230829	L3-EP-X01_20230829	L3-EP-FB-01_20230717	L3-EP-FB-01_20230804
		Laboratory Sample ID	460-287375-1	460-287375-2	460-284427-5	460-285571-4
		Date Sampled	8/31/2023	8/31/2023	7/17/2023	8/04/2023
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppt	ppt
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	5.92 U	5.99 U	45.3 U	44.2 U
3-Perfluoroheptyl propanoic acid	NS	NS	5.92 U	5.99 U	45.3 U	44.2 U
3-Perfluoropropyl propanoic acid	NS	NS	1.18 U	1.2 U	9.05 U	8.84 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
6:2 Fluorotelomer sulfonate	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
8:2 Fluorotelomer sulfonate	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
Hexafluoropropylene oxide dimer acid	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2.37 U	2.39 U	18.1 U	17.7 U
N-methyl perfluorooctanesulfonamide	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.24 U	0.24 U	3.62 U	3.53 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2.37 U	2.39 U	18.1 U	17.7 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.47 U	0.48 U	3.62 U	3.53 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.47 U	0.48 U	3.62 U	3.53 U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.47 U	0.48 U	3.62 U	3.53 U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.47 U	0.48 U	3.62 U	3.53 U
Perfluorobutanesulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorobutanoic acid	NS	NS	0.95 U	0.96 U	7.24 U	7.07 U
Perfluorodecanesulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorodecanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorododecanesulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorododecanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluoroheptanesulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluoroheptanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorohexanesulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorohexanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorononanesulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorononanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorooctanesulfonamide	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorooctanoic acid (PFOA)	0.66	33	0.24 U	0.24 U	1.81 U	1.77 U
Perfluoropentanoic acid	NS	NS	0.47 U	0.48 U	3.62 U	3.53 U
Perfluoropentansulfonic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorotetradecanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluorotridecanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U
Perfluoroundecanoic acid	NS	NS	0.24 U	0.24 U	1.81 U	1.77 U

Table 4F
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	L3-EP-FB-01_20230815	L3-EP-FB-01_20230817	L3-EP-FB-01_20230829
		Laboratory Sample ID	460-286238-3	460-286432-4	460-287375-3
		Date Sampled	8/15/2023	8/17/2023	8/31/2023
		Dilution Factor	1	1	1
		Unit	ppt	ppt	ppt
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	6.99 U	7.4 U	7.21 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	6.99 U	7.4 U	7.21 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	43.7 U	46.2 U	45.1 U
3-Perfluoroheptyl propanoic acid	NS	NS	43.7 U	46.2 U	45.1 U
3-Perfluoropropyl propanoic acid	NS	NS	8.74 U	9.24 U	9.01 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	6.99 U	7.4 U	7.21 U
6:2 Fluorotelomer sulfonate	NS	NS	6.99 U	7.4 U	7.21 U
8:2 Fluorotelomer sulfonate	NS	NS	6.99 U	7.4 U	7.21 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	6.99 U	7.4 U	7.21 U
Hexafluoropropylene oxide dimer acid	NS	NS	6.99 U	7.4 U	7.21 U
N-ethyl perfluorooctanesulfonamide	NS	NS	1.75 U	1.85 U	1.8 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.75 U	1.85 U	1.8 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	17.5 U	18.5 U	18 U
N-methyl perfluorooctanesulfonamide	NS	NS	1.75 U	1.85 U	1.8 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	3.5 U	3.7 U	3.61 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	17.5 U	18.5 U	18 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	3.5 U	3.7 U	3.61 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	3.5 U	3.7 U	3.61 U
Perfluoro-3-methoxypropanoic acid	NS	NS	3.5 U	3.7 U	3.61 U
Perfluoro-4-methoxybutanoic acid	NS	NS	3.5 U	3.7 U	3.61 U
Perfluorobutanesulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorobutanoic acid	NS	NS	6.99 U	7.4 U	7.21 U
Perfluorodecanesulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorodecanoic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorododecanesulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorododecanoic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluoroheptanesulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluoroheptanoic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorohexanesulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorohexanoic acid	NS	NS	1.75 U	1.85 U	0.5 J
Perfluorononanesulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorononanoic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorooctanesulfonamide	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	1.75 U	1.85 U	1.8 U
Perfluorooctanoic acid (PFOA)	0.66	33	1.75 U	1.85 U	1.8 U
Perfluoropentanoic acid	NS	NS	3.5 U	3.7 U	3.61 U
Perfluoropentansulfonic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorotetradecanoic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluorotridecanoic acid	NS	NS	1.75 U	1.85 U	1.8 U
Perfluoroundecanoic acid	NS	NS	1.75 U	1.85 U	1.8 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-01_25_20230803	L3-AOC-X01_20230803	L3-AOC-02_25_20230803	L3-AOC-03_25_20230803
			Laboratory Sample ID	460-285458-20	460-285458-21	460-285458-22	460-285458-23
			Date Sampled	8/03/2023	8/03/2023	8/03/2023	8/03/2023
			Dilution Factor	CONC	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0012 U	0.0012 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0012 U	0.0012 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0012 U	0.0012 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0012 U	0.0012 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0012 U	0.0012 U	0.0013 U
Chloroform	0.37	49	0.37	0.0012 U	0.0012 U	0.0012 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.00064 JL	0.0011 JL	0.0069	0.0014
Methylene Chloride	0.05	100	0.05	0.0023 U	0.0023 U	0.0024 U	0.0025 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0012 U	0.0012 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0012 U	0.0012 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0029 JL	0.0032 JL	0.023	0.0068
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0012 U	0.0012 U	0.0013 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-04_25_20230803	L3-AOC-05_25_20230804	L3-AOC-X01_20230804	L3-AOC-06_25_20230804
			Laboratory Sample ID	460-285458-24	460-285552-1	460-285552-2	460-285552-3
			Date Sampled	8/03/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.002 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.002 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.002 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 UJ	0.002 UJ	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 U	0.002 U	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.002 U	0.0014 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.002 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0012 U	0.002 U	0.0014 U
Methylene Chloride	0.05	100	0.05	0.0023 U	0.0025 U	0.0041 U	0.0028 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.002 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.002 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.47	0.00096 J	0.001 J	0.0013 J	0.0032
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.002 U	0.0014 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-07_25_20230804	L3-AOC-08_25_20230804	L3-AOC-09_25_20230804	L3-AOC-10_25_20230804
			Laboratory Sample ID	460-285552-4	460-285552-5	460-285552-6	460-285552-7
			Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0014 U	0.0015 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0014 U	0.0015 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0014 U	0.0015 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0014 U	0.0015 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0014 U	0.0015 U	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0014 U	0.0015 U	0.0014 U
Chloroform	0.37	49	0.37	0.0012 U	0.0014 U	0.0015 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0014 U	0.0015 U	0.0014 U
Methylene Chloride	0.05	100	0.05	0.0025 U	0.0027 U	0.003 U	0.0029 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0014 U	0.0015 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0014 U	0.0015 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.47	0.002	0.0014 U	0.00062 J	0.0014 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0014 U	0.0015 U	0.0014 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-11_25_20230804	L3-AOC-12_25_20230804	L3-AOC-13_25_20230804	L3-AOC-14_25_20230804
			Laboratory Sample ID	460-285552-8	460-285552-9	460-285552-10	460-285552-11
			Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0013 U	0.0015 U	0.0013 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0013 U	0.0015 U	0.0013 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.00069 J	0.0015 U	0.0013 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0013 U	0.0015 U	0.0013 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0013 U	0.0015 U	0.0013 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0013 U	0.0015 U	0.0013 U	0.0012 U
Chloroform	0.37	49	0.37	0.0013 U	0.0015 U	0.0013 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0013 U	0.0015 U	0.0013 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0026 U	0.003 U	0.0027 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0013 U	0.0015 U	0.0013 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U	0.0015 U	0.0013 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0007 J	0.0015 U	0.0013 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0013 U	0.0015 U	0.0013 U	0.0012 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-15_25_20230804	L3-AOC-16_25_20230804	L3-AOC-17_25_20230804	L3-AOC-18_25_20230804
			Laboratory Sample ID	460-285552-12	460-285552-13	460-285552-14	460-285552-15
			Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0014 U	0.0014 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0014 U	0.0014 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0014 U	0.0014 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0014 U	0.0014 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Chloroform	0.37	49	0.37	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.0023 U	0.0028 U	0.0028 U	0.0025 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0012 U	0.0014 U	0.0014 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0014 U	0.0014 U	0.0012 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-19_34_20230804	L3-AOC-20_34_20230804	L3-AOC-21_34_20230804	L3-AOC-22_34_20230804
			Laboratory Sample ID	460-285552-16	460-285552-17	460-285552-18	460-285552-19
			Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0011 U	0.0014 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0011 U	0.0014 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0011 U	0.0014 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0011 U	0.0014 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0011 U	0.0014 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0011 U	0.0014 U	0.0013 U
Chloroform	0.37	49	0.37	0.0012 U	0.0011 U	0.0014 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012 U	0.0011 U	0.0014 U	0.0013 U
Methylene Chloride	0.05	100	0.05	0.0024 U	0.0022 U	0.0029 U	0.0027 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0011 U	0.0014 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0011 U	0.0014 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0032	0.0028	0.00081 J	0.0013 U
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0011 U	0.0014 U	0.0013 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-23_34_20230804	L3-AOC-24_32_20230804	L3-AOC-25_32_20230804	L3-AOC-26_32_20230804
			Laboratory Sample ID	460-285552-20	460-285552-21	460-285552-22	460-285552-23
			Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0015 U	0.0016 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0015 U	0.0016 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0015 U	0.00056 J	0.0012 U	0.00042 J
1,2-Dichlorobenzene	1.1	100	1.1	0.0015 U	0.0016 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.37	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.05	0.003 U	0.0032 U	0.0023 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0015 U	0.0016 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02	0.0015 U	0.0016 U	0.0012 U	0.0012 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-27_32_20230804	L3-AOC-X02_20230804	L3-AOC-28_32_20230804	L3-AOC-29_25_20230804
			Laboratory Sample ID	460-285552-24	460-285552-25	460-285552-26	460-285552-27
			Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/04/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,1-Dichloroethane	0.27	26	0.27	0.0013 U	0.0011 U	0.0012 U	0.001 U
1,1-Dichloroethene	0.33	100	0.33	0.0013 U	0.0011 U	0.0012	0.00066 J
1,2-Dichlorobenzene	1.1	100	1.1	0.0013 UJ	0.0011 UJ	0.0012 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0013 U	0.0011 U	0.0012 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0013 U	0.0011 U	0.0012 U	0.001 U
Chloroform	0.37	49	0.37	0.0013 U	0.0011 U	0.0012 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0013 U	0.0011 U	0.0012 U	0.001 U
Methylene Chloride	0.05	100	0.05	0.0026 U	0.0021 U	0.0024 U	0.0021 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0013 U	0.0011 U	0.0012 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U	0.0011 U	0.0012 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0007 J	0.0011 U	0.00055 J	0.00045 J
Vinyl Chloride	0.02	0.9	0.02	0.0013 U	0.0011 U	0.0012 U	0.001 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-30_25_20230804	L3-AOC-31_25_20230804	L3-AOC-32_25_20230804	L3-AOC-33_15_20230815
				Laboratory Sample ID	460-285552-28	460-285552-29	460-285552-30	460-286239-1
				Date Sampled	8/04/2023	8/04/2023	8/04/2023	8/15/2023
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33		0.0011 U	0.00064 J	0.00064 J	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0011 U	0.0011 U	0.0011 U	0.00052 J
Methylene Chloride	0.05	100	0.05		0.0022 U	0.0022 U	0.0023 U	0.0022 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0011	0.00069 J	0.00051 J	0.0076 J
Vinyl Chloride	0.02	0.9	0.02		0.0011 U	0.0011 U	0.0011 U	0.0011 UJ

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-X01_20230815	L3-AOC-34_15_20230815	L3-AOC-35_15_20230815	L3-AOC-36_15_20230815
				Laboratory Sample ID	460-286239-2	460-286239-3	460-286239-4	460-286239-5
				Date Sampled	8/15/2023	8/15/2023	8/15/2023	8/15/2023
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	0.05		0.0023 U	0.0022 U	0.0021 U	0.0022 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0011 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0012 J	0.0011 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.02		0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0011 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-37_15_20230815	L3-AOC-38_15_20230815	L3-AOC-39_15_20230815	L3-AOC-40_15_20230815
			Laboratory Sample ID	460-286239-6	460-286239-7	460-286239-8	460-286239-9
			Date Sampled	8/15/2023	8/15/2023	8/15/2023	8/15/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0011 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0013	0.0012 U	0.00076 J	0.0013 U
Methylene Chloride	0.05	100	0.05	0.0022 U	0.0023 U	0.0022 U	0.0026 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0011 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.47	0.006	0.0025	0.0049	0.0013 U
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.0011 U	0.0013 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-41_15_20230815	L3-AOC-42_15_20230815	L3-AOC-43_15_20230815	L3-AOC-44_15_20230815
			Laboratory Sample ID	460-286239-10	460-286239-11	460-286239-12	460-286239-13
			Date Sampled	8/15/2023	8/15/2023	8/15/2023	8/15/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0011 U	0.0011 U	0.00097 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0011 U	0.0011 U	0.00097 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0011 U	0.0011 U	0.00097 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0011 U	0.0011 U	0.00097 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0011 U	0.0011 U	0.00097 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0011 U	0.0011 U	0.00097 U
Chloroform	0.37	49	0.37	0.0012 U	0.0011 U	0.0011 U	0.00097 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.004	0.0011 U	0.0081	0.0014
Methylene Chloride	0.05	100	0.05	0.0024 U	0.0023 U	0.0022 U	0.0019 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0011 U	0.0011 U	0.00097 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0011 U	0.0011 U	0.00097 U
Trichloroethylene (TCE)	0.47	21	0.47	0.015	0.0046	0.033	0.013
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0011 U	0.0011 U	0.00097 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-45_15_20230815	L3-AOC-46_15_20230815	L3-AOC-47_15_20230815	L3-AOC-48_15_20230817
			Laboratory Sample ID	460-286239-14	460-286239-15	460-286239-16	460-286434-1
			Date Sampled	8/15/2023	8/15/2023	8/15/2023	8/17/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	0.0012 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	0.0012 U	0.0011 U	0.0011 U	0.0011 UJ
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0011 U	0.0011 U	0.0011 UJ
1,2-Dichloroethane	0.02	3.1	0.02	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.002	0.0007 J	0.00098 J	0.0025 JL
Methylene Chloride	0.05	100	0.05	0.0025 U	0.0021 U	0.0023 U	0.0023 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	0.01	0.0032	0.0095	0.0084 JL
Vinyl Chloride	0.02	0.9	0.02	0.0012 U	0.0011 U	0.0011 U	0.0011 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-X01_20230817	L3-AOC-49_15_20230817	L3-AOC-50_15_20230817	L3-AOC-51_15_20230817
				Laboratory Sample ID	460-286434-2	460-286434-3	460-286434-4	460-286434-5
				Date Sampled	8/17/2023	8/17/2023	8/17/2023	8/17/2023
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00096 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27		0.00096 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33		0.00096 UJ	0.0012 UJ	0.0011 UJ	0.0011 UJ
1,2-Dichlorobenzene	1.1	100	1.1		0.00096 UJ	0.0012 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02		0.00096 U	0.0012 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76		0.00096 U	0.0012 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37		0.00096 U	0.0012 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0032 JL	0.00043 J	0.00064 J	0.00074 J
Methylene Chloride	0.05	100	0.05		0.0019 U	0.0023 U	0.0022 U	0.0022 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.00096 U	0.0012 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00096 U	0.0012 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0069 JL	0.0012 U	0.0011 U	0.0058
Vinyl Chloride	0.02	0.9	0.02		0.00096 U	0.0012 U	0.0011 U	0.0011 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-52_15_20230817	L3-AOC-53_15_20230817	L3-AOC-54_15_20230817	L3-AOC-55_15_20230831
				Laboratory Sample ID	460-286434-6	460-286434-7	460-286434-8	460-287341-1
				Date Sampled	8/17/2023	8/17/2023	8/17/2023	8/31/2023
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27		0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33		0.0011 UJ	0.0011 UJ	0.0011 UJ	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.37		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Methylene Chloride	0.05	100	0.05		0.0022 U	0.0022 U	0.0022 U	0.0023 U
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47		0.0011 U	0.0011 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.02		0.0011 U	0.0011 U	0.0011 U	0.0012 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-X01_20230831	L3-AOC-56_15_20230831	L3-AOC-57_15_20230831	L3-AOC-58_15_20230831
			Laboratory Sample ID	460-287341-16	460-287341-2	460-287341-3	460-287341-4
			Date Sampled	8/31/2023	8/31/2023	8/31/2023	8/31/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.0012 UJ	0.0013 UJ	0.0011 UJ
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Methylene Chloride	0.05	100	0.05	0.0021 U	0.0024 U	0.0026 U	0.0023 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0011 J	0.0012 U	0.0014	0.0011 U
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.0013 U	0.0011 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-59_15_20230831	L3-AOC-60_15_20230831	L3-AOC-61_15_20230831	L3-AOC-62_15_20230831
			Laboratory Sample ID	460-287341-5	460-287341-6	460-287341-7	460-287341-8
			Date Sampled	8/31/2023	8/31/2023	8/31/2023	8/31/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0013 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0013 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0013 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0013 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 UJ	0.0013 UJ	0.0011 UJ	0.0012 UJ
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0013 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.37	0.0011 U	0.0013 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.0013 U	0.0011 U	0.0018
Methylene Chloride	0.05	100	0.05	0.0022 U	0.0026 U	0.0022 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0013 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0013 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.47	0.00095 J	0.0013 U	0.0028	0.043
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0013 U	0.0011 U	0.0012 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-63_15_20230831	L3-AOC-64_15_20230831	L3-AOC-65_15_20230831	L3-AOC-66_15_20230831
			Laboratory Sample ID	460-287341-9	460-287341-10	460-287341-11	460-287341-12
			Date Sampled	8/31/2023	8/31/2023	8/31/2023	8/31/2023
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0012 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 UJ	0.0012 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.37	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.00083 J	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	0.05	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0012 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0028	0.022	0.0036	0.0021
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.0012 U	0.0011 U	0.0011 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-67_15_20230831	L3-AOC-68_15_20230831	L3-AOC-69_15_20230831	L3-AOC-FB-01_20230803
				Laboratory Sample ID	460-287341-13	460-287341-14	460-287341-15	460-285458-25
				Date Sampled	8/31/2023	8/31/2023	8/31/2023	8/03/2023
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0012 U	0.0011 U	0.0011 U	1 U
1,1-Dichloroethane	0.27	26	0.27		0.0012 U	0.0011 U	0.0011 U	1 U
1,1-Dichloroethene	0.33	100	0.33		0.0012 U	0.0011 U	0.0011 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0012 U	0.0011 U	0.0011 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		0.0012 U	0.0011 U	0.0011 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		0.0012 U	0.0011 U	0.0011 U	1 U
Chloroform	0.37	49	0.37		0.0012 U	0.0011 U	0.0011 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		0.0012 U	0.00049 J	0.0011 U	1 UJ
Methylene Chloride	0.05	100	0.05		0.0024 U	0.0022 U	0.0022 U	1 UJ
Tetrachloroethylene (PCE)	1.3	19	1.3		0.0012 U	0.0011 U	0.0011 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0012 U	0.0011 U	0.0011 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47		0.00057 J	0.0097	0.0061	1 U
Vinyl Chloride	0.02	0.9	0.02		0.0012 U	0.0011 U	0.0011 U	1 UJ

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-FB-01_20230804	L3-AOC-FB-01_20230815	L3-AOC-FB-01_20230831	L3-AOC-FB-02_20230804
				Laboratory Sample ID	460-285552-31	460-286239-17	460-287341-17	460-285552-33
				Date Sampled	8/04/2023	8/15/2023	8/31/2023	8/04/2023
				Dilution Factor	1	1	1	1
				Unit	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 UJ	1 U	1 U	1 UJ
1,1-Dichloroethane	0.27	26	0.27		1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		1 U	1 U	1 U	1 UJ
Chloroform	0.37	49	0.37		1 UJ	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47		1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		1 UJ	1 U	1 U	1 UJ

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

			AKRF Sample ID	L3-AOC-FB_01_20230817	L3-AOC-TB-01_20230803	L3-AOC-TB-01_20230804	L3-AOC-TB-01_20230815
			Laboratory Sample ID	460-286434-9	460-285458-26	460-285552-32	460-286239-18
			Date Sampled	8/17/2023	8/03/2023	8/04/2023	8/15/2023
			Dilution Factor	1	1	1	1
			Unit	µg/L	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	1 U	1 U	1 UJ	1 U
1,1-Dichloroethane	0.27	26	0.27	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76	1 UJ	1 U	1 UJ	1 U
Chloroform	0.37	49	0.37	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	1 U	1 UJ	1 U	1 U
Methylene Chloride	0.05	100	0.05	1 U	1 UJ	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02	1 U	1 UJ	1 UJ	1 U

Table 5
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Hotspot/Area of Concern Endpoint Sample Analytical Results
Chlorinated Volatile Organic Compounds (CVOCs)

				AKRF Sample ID	L3-AOC-TB-01_20230831	L3-AOC-TB-02_20230804	L3-AOC-TB_01_20230817
				Laboratory Sample ID	460-287341-18	460-285552-34	460-286434-10
				Date Sampled	8/31/2023	8/04/2023	8/17/2023
				Dilution Factor	1	1	1
				Unit	µg/L	µg/L	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 U	1 UJ	1 U
1,1-Dichloroethane	0.27	26	0.27		1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.33		1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.02		1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.76		1 U	1 UJ	1 U
Chloroform	0.37	49	0.37		1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25		1 U	1 U	1 U
Methylene Chloride	0.05	100	0.05		0.62 J	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3		1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.47		1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.02		1 U	1 UJ	1 U

Tables 1-2
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Site-Wide and Hotspot/Area of Concern Endpoint Sample Analytical Results
Notes

DEFINITIONS

J	:	The concentration given is an estimated value.
K	:	Reported concentration value is proportional to dilution factor and may be exaggerated
L	:	Sample result is estimated and biased low.
NA	:	Not applicable.
NR	:	Not reported.
NS	:	No standard.
R	:	Indicates the reported result is unusable. (note: the analyte may or may not be present.)
U	:	The analyte was not detected at the indicated concentration.
UJ	:	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise
mg/kg	:	milligrams per kilogram
ppb	:	parts per billion
ppt	:	parts per trillion
µg/L	:	micrograms per liter

STANDARDS

Part 375 Soil Cleanup Objectives	:	Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.
Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted with an underline.

NYSDEC Part 375 PFAS Guidance Values	:	New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued April 2023.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values (UUGVs) are highlighted in bold font.
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading.

DUPLICATES

L3-EP-X01_20230717 is a blind duplicate of sample L3-EP-01_15_20230717
L3-EP-X01_20230804 is a blind duplicate of sample L3-EP-04_25_20230804
L3-EP-X01_20230815 is a blind duplicate of sample L3-EP-06_15_20230815
L3-EP-X01_20230817 is a blind duplicate of sample L3-EP-07_15_20230817
L3-EP-X01_20230829 is a blind duplicate of sample L3-EP-09_15_20230829
L3-AOC-X01_20230803 is a blind duplicate of sample L3-AOC-01_25_20230803
L3-AOC-X01_20230804 is a blind duplicate of sample L3-AOC-05_25_20230804
L3-AOC-X01_20230815 is a blind duplicate of sample L3-AOC-33_15_20230815
L3-AOC-X01_20230817 is a blind duplicate of sample L3-AOC-48_15_20230817
L3-AOC-X01_20230831 is a blind duplicate of sample L3-AOC-55_15_20230831
L3-AOC-X02_20230804 is a blind duplicate of sample L3-AOC-27_32_20230804

Table 6
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Imported Materials Log

Total Truck Number	Daily Truck Number	Date	Manifest Number	Material Origin	Placement on site	CY
Blend (RCA/Fill)						
1	1	4/28/2023	1001087948	Evergreen Recycling of Corona, Flushing, NY		20
2	2	4/28/2023	1001087949	Evergreen Recycling of Corona, Flushing, NY		20
3	3	4/28/2023	1001087950	Evergreen Recycling of Corona, Flushing, NY		20
4	4	4/28/2023	1001087956	Evergreen Recycling of Corona, Flushing, NY		20
5	5	4/28/2023	1001087943	Evergreen Recycling of Corona, Flushing, NY		20
6	6	4/28/2023	1001087976	Evergreen Recycling of Corona, Flushing, NY		20
7	7	4/28/2023	1001087933	Evergreen Recycling of Corona, Flushing, NY		20
8	8	4/28/2023	1001087977	Evergreen Recycling of Corona, Flushing, NY		20
9	9	4/28/2023	1001087986	Evergreen Recycling of Corona, Flushing, NY		20
10	10	4/28/2023	1001087979	Evergreen Recycling of Corona, Flushing, NY		20
11	1	5/1/2023	1001088105	Evergreen Recycling of Corona, Flushing, NY		20
12	2	5/1/2023	1001088118	Evergreen Recycling of Corona, Flushing, NY		20
13	3	5/1/2023	1001088117	Evergreen Recycling of Corona, Flushing, NY		20
14	4	5/1/2023	1001088149	Evergreen Recycling of Corona, Flushing, NY		20
15	5	5/1/2023	1001088153	Evergreen Recycling of Corona, Flushing, NY		20
16	6	5/1/2023	1001088161	Evergreen Recycling of Corona, Flushing, NY		20
17	7	5/1/2023	1001088162	Evergreen Recycling of Corona, Flushing, NY		20
18	8	5/1/2023	1001088157	Evergreen Recycling of Corona, Flushing, NY		20
19	9	5/1/2023	1001088165	Evergreen Recycling of Corona, Flushing, NY		20
20	10	5/1/2023	1001088188	Evergreen Recycling of Corona, Flushing, NY		20
21	1	6/14/2023	100105031	Evergreen Recycling of Corona, Flushing, NY		20
22	2	6/14/2023	100105040	Evergreen Recycling of Corona, Flushing, NY		20
23	3	6/14/2023	100105070	Evergreen Recycling of Corona, Flushing, NY		20
24	4	6/14/2023	100105078	Evergreen Recycling of Corona, Flushing, NY		20
25	5	6/14/2023	100105108	Evergreen Recycling of Corona, Flushing, NY	Permanently placed. Backfill in remedial excavation.	20
26	6	6/14/2023	100105109	Evergreen Recycling of Corona, Flushing, NY		20
27	7	6/14/2023	100105113	Evergreen Recycling of Corona, Flushing, NY		20
28	8	6/14/2023	100105116	Evergreen Recycling of Corona, Flushing, NY		20
29	1	6/15/2023	1001095178	Evergreen Recycling of Corona, Flushing, NY		20
30	2	6/15/2023	1001095185	Evergreen Recycling of Corona, Flushing, NY		20
31	3	6/15/2023	1001095186	Evergreen Recycling of Corona, Flushing, NY		20
32	4	6/15/2023	1001095188	Evergreen Recycling of Corona, Flushing, NY		20
33	5	6/15/2023	1001095190	Evergreen Recycling of Corona, Flushing, NY		20
34	6	6/15/2023	1001095192	Evergreen Recycling of Corona, Flushing, NY		20
35	7	6/15/2023	1001095201	Evergreen Recycling of Corona, Flushing, NY		20
36	8	6/15/2023	1001095221	Evergreen Recycling of Corona, Flushing, NY		20
37	9	6/15/2023	1001095322	Evergreen Recycling of Corona, Flushing, NY		20
38	10	6/15/2023	1001095324	Evergreen Recycling of Corona, Flushing, NY		20
39	11	6/15/2023	1001095234	Evergreen Recycling of Corona, Flushing, NY		20
40	12	6/15/2023	1001095335	Evergreen Recycling of Corona, Flushing, NY		20
41	1	6/16/2023	1001095378	Evergreen Recycling of Corona, Flushing, NY		20
42	2	6/16/2023	1001095391	Evergreen Recycling of Corona, Flushing, NY		20
43	3	6/16/2023	1001095399	Evergreen Recycling of Corona, Flushing, NY		20
44	4	6/16/2023	1001095403	Evergreen Recycling of Corona, Flushing, NY		20
45	5	6/16/2023	1001095409	Evergreen Recycling of Corona, Flushing, NY		20
46	6	6/16/2023	1001095410	Evergreen Recycling of Corona, Flushing, NY		20
47	7	6/16/2023	1001095415	Evergreen Recycling of Corona, Flushing, NY		20
48	8	6/16/2023	1001095416	Evergreen Recycling of Corona, Flushing, NY		20
49	9	6/16/2023	1001095430	Evergreen Recycling of Corona, Flushing, NY		20
50	10	6/16/2023	1001095436	Evergreen Recycling of Corona, Flushing, NY		20
51	11	6/16/2023	1001095435	Evergreen Recycling of Corona, Flushing, NY		20
					TOTAL BLEND (RCA/FILL)	**1,020**

Table 6
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Imported Materials Log

Total Truck Number	Daily Truck Number	Date	Manifest Number	Material Origin	Placement on site	CY
General Fill						
1	1	6/7/2023	1240407	Evergreen Recycling of Corona, Flushing, NY	Permanently placed. Backfill in remedial excavation.	20
2	2	6/7/2023	1001093803	Evergreen Recycling of Corona, Flushing, NY		20
3	3	6/7/2023	1001093861	Evergreen Recycling of Corona, Flushing, NY		20
4	4	6/7/2023	1001093943	Evergreen Recycling of Corona, Flushing, NY		20
5	5	6/7/2023	1001093954	Evergreen Recycling of Corona, Flushing, NY		20
6	6	6/7/2023	1001093957	Evergreen Recycling of Corona, Flushing, NY		20
7	7	6/7/2023	1001093908	Evergreen Recycling of Corona, Flushing, NY		20
8	8	6/7/2023	1001093907	Evergreen Recycling of Corona, Flushing, NY		20
9	1	6/8/2023	1001094056	Evergreen Recycling of Corona, Flushing, NY		20
10	2	6/8/2023	1001094164	Evergreen Recycling of Corona, Flushing, NY		20
11	3	6/8/2023	1001094172	Evergreen Recycling of Corona, Flushing, NY		20
12	4	6/8/2023	1001094173	Evergreen Recycling of Corona, Flushing, NY		20
13	5	6/8/2023	1001094179	Evergreen Recycling of Corona, Flushing, NY		20
14	1	6/9/2023	1001094248	Evergreen Recycling of Corona, Flushing, NY		20
15	2	6/9/2023	1001094254	Evergreen Recycling of Corona, Flushing, NY		20
16	3	6/9/2023	1001094257	Evergreen Recycling of Corona, Flushing, NY		20
17	4	6/9/2023	1001094258	Evergreen Recycling of Corona, Flushing, NY		20
18	5	6/9/2023	1001094262	Evergreen Recycling of Corona, Flushing, NY		20
19	6	6/9/2023	1001094328	Evergreen Recycling of Corona, Flushing, NY		20
20	7	6/9/2023	1001094332	Evergreen Recycling of Corona, Flushing, NY		20
21	8	6/9/2023	1001094324	Evergreen Recycling of Corona, Flushing, NY		20
22	9	6/9/2023	1001094293	Evergreen Recycling of Corona, Flushing, NY		20
23	10	6/9/2023	1001094289	Evergreen Recycling of Corona, Flushing, NY		20
24	1	6/12/2023	1001094532	Evergreen Recycling of Corona, Flushing, NY		20
25	2	6/12/2023	1001094539	Evergreen Recycling of Corona, Flushing, NY		20
26	3	6/12/2023	1001094557	Evergreen Recycling of Corona, Flushing, NY		20
27	4	6/12/2023	1001094530	Evergreen Recycling of Corona, Flushing, NY		20
28	5	6/12/2023	1001094534	Evergreen Recycling of Corona, Flushing, NY		20
29	6	6/12/2023	1001094533	Evergreen Recycling of Corona, Flushing, NY		20
30	7	6/12/2023	1001094537	Evergreen Recycling of Corona, Flushing, NY		20
31	8	6/12/2023	1001094540	Evergreen Recycling of Corona, Flushing, NY		20
32	9	6/12/2023	1001094555	Evergreen Recycling of Corona, Flushing, NY		20
33	10	6/12/2023	1001094562	Evergreen Recycling of Corona, Flushing, NY		20
34	1	8/3/2023	1001101456	Evergreen Recycling of Corona, Flushing, NY		20
35	2	8/3/2023	1001101458	Evergreen Recycling of Corona, Flushing, NY		20
36	3	8/3/2023	1001101459	Evergreen Recycling of Corona, Flushing, NY		20
37	4	8/3/2023	1001101460	Evergreen Recycling of Corona, Flushing, NY		20
38	5	8/3/2023	1001101465	Evergreen Recycling of Corona, Flushing, NY		20
39	6	8/3/2023	1001101468	Evergreen Recycling of Corona, Flushing, NY		20
40	7	8/3/2023	1001101466	Evergreen Recycling of Corona, Flushing, NY		20
41	8	8/3/2023	1001101472	Evergreen Recycling of Corona, Flushing, NY		20
42	9	8/3/2023	1001101492	Evergreen Recycling of Corona, Flushing, NY		20
43	10	8/3/2023	1001101497	Evergreen Recycling of Corona, Flushing, NY		20
44	1	8/4/2023	1001101677	Evergreen Recycling of Corona, Flushing, NY		20
45	2	8/4/2023	1001101681	Evergreen Recycling of Corona, Flushing, NY		20
46	3	8/4/2023	1001101692	Evergreen Recycling of Corona, Flushing, NY		20
47	4	8/4/2023	1001101712	Evergreen Recycling of Corona, Flushing, NY		20
48	5	8/4/2023	1001101716	Evergreen Recycling of Corona, Flushing, NY		20
49	6	8/4/2023	1001101719	Evergreen Recycling of Corona, Flushing, NY		20
50	7	8/4/2023	1001101718	Evergreen Recycling of Corona, Flushing, NY		20
51	8	8/4/2023	1001101723	Evergreen Recycling of Corona, Flushing, NY		20
52	9	8/4/2023	1001101727	Evergreen Recycling of Corona, Flushing, NY		20
53	10	8/4/2023	1001101771	Evergreen Recycling of Corona, Flushing, NY		20
54	1	8/7/2023	1001101939	Evergreen Recycling of Corona, Flushing, NY		20
55	2	8/7/2023	1001101940	Evergreen Recycling of Corona, Flushing, NY		20
56	3	8/7/2023	1001101945	Evergreen Recycling of Corona, Flushing, NY		20
57	4	8/7/2023	1001101953	Evergreen Recycling of Corona, Flushing, NY		20
58	5	8/7/2023	1001101961	Evergreen Recycling of Corona, Flushing, NY		20
59	6	8/7/2023	1001101963	Evergreen Recycling of Corona, Flushing, NY		20
60	7	8/7/2023	1001101968	Evergreen Recycling of Corona, Flushing, NY		20
61	8	8/7/2023	1001101973	Evergreen Recycling of Corona, Flushing, NY		20
62	9	8/7/2023	1001102040	Evergreen Recycling of Corona, Flushing, NY		20
63	1	8/8/2023	1008872157	Evergreen Recycling of Corona, Flushing, NY		20
64	2	8/8/2023	1008872163	Evergreen Recycling of Corona, Flushing, NY		20

Table 6
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Imported Materials Log

Total Truck Number	Daily Truck Number	Date	Manifest Number	Material Origin	Placement on site	CY
65	3	8/8/2023	1008872164	Evergreen Recycling of Corona, Flushing, NY		20
66	4	8/8/2023	1008872161	Evergreen Recycling of Corona, Flushing, NY		20
67	5	8/8/2023	1008872165	Evergreen Recycling of Corona, Flushing, NY		20
68	6	8/8/2023	1008872168	Evergreen Recycling of Corona, Flushing, NY		20
69	7	8/8/2023	1008872162	Evergreen Recycling of Corona, Flushing, NY		20
70	8	8/8/2023	1008872169	Evergreen Recycling of Corona, Flushing, NY		20
71	9	8/8/2023	1008872186	Evergreen Recycling of Corona, Flushing, NY		20
72	10	8/8/2023	1001102202	Evergreen Recycling of Corona, Flushing, NY		20
73	1	8/9/2023	1001102361	Evergreen Recycling of Corona, Flushing, NY		20
74	2	8/9/2023	1001102363	Evergreen Recycling of Corona, Flushing, NY		20
75	3	8/9/2023	1001102365	Evergreen Recycling of Corona, Flushing, NY		20
76	4	8/9/2023	1001102367	Evergreen Recycling of Corona, Flushing, NY		20
77	5	8/9/2023	1001102370	Evergreen Recycling of Corona, Flushing, NY		20
78	6	8/9/2023	1001102380	Evergreen Recycling of Corona, Flushing, NY		20
79	1	8/11/2023	1001102749	Evergreen Recycling of Corona, Flushing, NY		20
80	2	8/11/2023	1001102750	Evergreen Recycling of Corona, Flushing, NY		20
81	3	8/11/2023	1001102756	Evergreen Recycling of Corona, Flushing, NY		20
82	1	8/14/2023	100888259	Evergreen Recycling of Corona, Flushing, NY		20
83	2	8/14/2023	100888269	Evergreen Recycling of Corona, Flushing, NY		20
84	1	9/5/2023	1001107996	Evergreen Recycling of Corona, Flushing, NY		20
85	2	9/5/2023	1001107997	Evergreen Recycling of Corona, Flushing, NY		20
86	3	9/5/2023	1001107993	Evergreen Recycling of Corona, Flushing, NY		20
87	4	9/5/2023	1001107998	Evergreen Recycling of Corona, Flushing, NY		20
88	5	9/5/2023	1001108000	Evergreen Recycling of Corona, Flushing, NY		20
89	6	9/5/2023	100891655	Evergreen Recycling of Corona, Flushing, NY		20
90	7	9/5/2023	100891671	Evergreen Recycling of Corona, Flushing, NY		20
91	8	9/5/2023	100891673	Evergreen Recycling of Corona, Flushing, NY		20
92	9	9/5/2023	100891676	Evergreen Recycling of Corona, Flushing, NY		20
93	10	9/5/2023	100891684	Evergreen Recycling of Corona, Flushing, NY		20
94	11	9/5/2023	100891685	Evergreen Recycling of Corona, Flushing, NY		20
95	12	9/5/2023	100891727	Evergreen Recycling of Corona, Flushing, NY	Permanently placed. Backfill in remedial excavation.	20
96	13	9/5/2023	100891728	Evergreen Recycling of Corona, Flushing, NY		20
97	1	9/6/2023	100891822	Evergreen Recycling of Corona, Flushing, NY		20
98	2	9/6/2023	100891830	Evergreen Recycling of Corona, Flushing, NY		20
99	3	9/6/2023	100891834	Evergreen Recycling of Corona, Flushing, NY		20
100	4	9/6/2023	100891848	Evergreen Recycling of Corona, Flushing, NY		20
101	5	9/6/2023	100891847	Evergreen Recycling of Corona, Flushing, NY		20
102	6	9/6/2023	100891901	Evergreen Recycling of Corona, Flushing, NY		20
103	7	9/6/2023	100891900	Evergreen Recycling of Corona, Flushing, NY		20
104	8	9/6/2023	100891948	Evergreen Recycling of Corona, Flushing, NY		20
105	9	9/6/2023	100891947	Evergreen Recycling of Corona, Flushing, NY		20
106	1	9/7/2023	100892055	Evergreen Recycling of Corona, Flushing, NY		20
107	2	9/7/2023	100892056	Evergreen Recycling of Corona, Flushing, NY		20
108	3	9/7/2023	100892061	Evergreen Recycling of Corona, Flushing, NY		20
109	4	9/7/2023	100892065	Evergreen Recycling of Corona, Flushing, NY		20
110	5	9/7/2023	100892076	Evergreen Recycling of Corona, Flushing, NY		20
111	6	9/7/2023	100892078	Evergreen Recycling of Corona, Flushing, NY		20
112	7	9/7/2023	100892079	Evergreen Recycling of Corona, Flushing, NY		20
113	8	9/7/2023	100892095	Evergreen Recycling of Corona, Flushing, NY		20
114	9	9/7/2023	100892092	Evergreen Recycling of Corona, Flushing, NY		20
115	1	9/11/2023	100892502	Evergreen Recycling of Corona, Flushing, NY		20
116	2	9/11/2023	100892505	Evergreen Recycling of Corona, Flushing, NY		20
117	3	9/11/2023	100892504	Evergreen Recycling of Corona, Flushing, NY		20
118	4	9/11/2023	100892521	Evergreen Recycling of Corona, Flushing, NY		20
119	5	9/11/2023	100892522	Evergreen Recycling of Corona, Flushing, NY		20
120	6	9/11/2023	100892579	Evergreen Recycling of Corona, Flushing, NY		20
121	7	9/11/2023	100892580	Evergreen Recycling of Corona, Flushing, NY		20
122	8	9/11/2023	100892628	Evergreen Recycling of Corona, Flushing, NY		20
123	9	9/11/2023	100892629	Evergreen Recycling of Corona, Flushing, NY		20
124	1	9/12/2023	100892732	Evergreen Recycling of Corona, Flushing, NY		20
125	2	9/12/2023	100892731	Evergreen Recycling of Corona, Flushing, NY		20
126	3	9/12/2023	100892743	Evergreen Recycling of Corona, Flushing, NY		20
127	4	9/12/2023	100892768	Evergreen Recycling of Corona, Flushing, NY		20
128	5	9/12/2023	100892767	Evergreen Recycling of Corona, Flushing, NY		20
129	6	9/12/2023	100892801	Evergreen Recycling of Corona, Flushing, NY		20

Table 6
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Imported Materials Log

Total Truck Number	Daily Truck Number	Date	Manifest Number	Material Origin	Placement on site	CY
130	7	9/12/2023	100892800	Evergreen Recycling of Corona, Flushing, NY		20
131	1	9/13/2023	100892940	Evergreen Recycling of Corona, Flushing, NY		20
132	2	9/13/2023	100892975	Evergreen Recycling of Corona, Flushing, NY		20
133	3	9/13/2023	100892976	Evergreen Recycling of Corona, Flushing, NY		20
134	1	10/3/2023	100895752	Evergreen Recycling of Corona, Flushing, NY		20
135	2	10/3/2023	100895735	Evergreen Recycling of Corona, Flushing, NY		20
136	3	10/3/2023	100895729	Evergreen Recycling of Corona, Flushing, NY		20
137	4	10/3/2023	100895763	Evergreen Recycling of Corona, Flushing, NY		20
138	5	10/3/2023	100895766	Evergreen Recycling of Corona, Flushing, NY		20
139	6	10/3/2023	100895767	Evergreen Recycling of Corona, Flushing, NY		20
140	7	10/3/2023	100895769	Evergreen Recycling of Corona, Flushing, NY		20
141	1	10/4/2023	100895958	Evergreen Recycling of Corona, Flushing, NY		20
142	2	10/4/2023	100895953	Evergreen Recycling of Corona, Flushing, NY		20
143	3	10/4/2023	100895947	Evergreen Recycling of Corona, Flushing, NY		20
144	4	10/4/2023	100895940	Evergreen Recycling of Corona, Flushing, NY		20
145	5	10/4/2023	100895954	Evergreen Recycling of Corona, Flushing, NY		20
146	6	10/4/2023	100895976	Evergreen Recycling of Corona, Flushing, NY		20
147	7	10/4/2023	100895977	Evergreen Recycling of Corona, Flushing, NY		20
148	8	10/4/2023	100895982	Evergreen Recycling of Corona, Flushing, NY		20
149	9	10/4/2023	100895983	Evergreen Recycling of Corona, Flushing, NY		20
150	10	10/4/2023	100895991	Evergreen Recycling of Corona, Flushing, NY		20
151	11	10/4/2023	100896035	Evergreen Recycling of Corona, Flushing, NY		20
152	12	10/4/2023	100896041	Evergreen Recycling of Corona, Flushing, NY		20
153	13	10/4/2023	100896040	Evergreen Recycling of Corona, Flushing, NY		20
154	14	10/4/2023	100896025	Evergreen Recycling of Corona, Flushing, NY		20
155	15	10/4/2023	100896013	Evergreen Recycling of Corona, Flushing, NY		20
156	16	10/4/2023	100896005	Evergreen Recycling of Corona, Flushing, NY		20
157	17	10/4/2023	100896046	Evergreen Recycling of Corona, Flushing, NY		20
158	18	10/4/2023	100896065	Evergreen Recycling of Corona, Flushing, NY		20
159	19	10/4/2023	100896107	Evergreen Recycling of Corona, Flushing, NY		20
160	20	10/4/2023	100896125	Evergreen Recycling of Corona, Flushing, NY	Permanently placed. Backfill in remedial excavation.	20
161	21	10/4/2023	100896155	Evergreen Recycling of Corona, Flushing, NY		20
162	22	10/4/2023	100896045	Evergreen Recycling of Corona, Flushing, NY		20
163	23	10/4/2023	100896000	Evergreen Recycling of Corona, Flushing, NY		20
164	24	10/4/2023	100895998	Evergreen Recycling of Corona, Flushing, NY		20
165	25	10/4/2023	100895999	Evergreen Recycling of Corona, Flushing, NY		20
166	26	10/4/2023	100896070	Evergreen Recycling of Corona, Flushing, NY		20
167	27	10/4/2023	100896064	Evergreen Recycling of Corona, Flushing, NY		20
168	28	10/4/2023	100896130	Evergreen Recycling of Corona, Flushing, NY		20
169	1	10/5/2023	100896223	Evergreen Recycling of Corona, Flushing, NY		20
170	2	10/5/2023	100896224	Evergreen Recycling of Corona, Flushing, NY		20
171	3	10/5/2023	100896219	Evergreen Recycling of Corona, Flushing, NY		20
172	4	10/5/2023	100896240	Evergreen Recycling of Corona, Flushing, NY		20
173	5	10/5/2023	100896239	Evergreen Recycling of Corona, Flushing, NY		20
174	6	10/5/2023	100896227	Evergreen Recycling of Corona, Flushing, NY		20
175	7	10/5/2023	100896225	Evergreen Recycling of Corona, Flushing, NY		20
176	8	10/5/2023	100896229	Evergreen Recycling of Corona, Flushing, NY		20
177	9	10/5/2023	100896228	Evergreen Recycling of Corona, Flushing, NY		20
178	10	10/5/2023	100896232	Evergreen Recycling of Corona, Flushing, NY		20
179	11	10/5/2023	100896233	Evergreen Recycling of Corona, Flushing, NY		20
180	12	10/5/2023	100896311	Evergreen Recycling of Corona, Flushing, NY		20
181	13	10/5/2023	100896309	Evergreen Recycling of Corona, Flushing, NY		20
182	14	10/5/2023	100896305	Evergreen Recycling of Corona, Flushing, NY		20
183	15	10/5/2023	100896307	Evergreen Recycling of Corona, Flushing, NY		20
184	16	10/5/2023	100896304	Evergreen Recycling of Corona, Flushing, NY		20
185	17	10/5/2023	100896294	Evergreen Recycling of Corona, Flushing, NY		20
186	18	10/5/2023	100896292	Evergreen Recycling of Corona, Flushing, NY		20
187	19	10/5/2023	100896289	Evergreen Recycling of Corona, Flushing, NY		20
188	20	10/5/2023	100896284	Evergreen Recycling of Corona, Flushing, NY		20
189	21	10/5/2023	100896285	Evergreen Recycling of Corona, Flushing, NY		20
190	22	10/5/2023	100896278	Evergreen Recycling of Corona, Flushing, NY		20
191	23	10/5/2023	100896277	Evergreen Recycling of Corona, Flushing, NY		20
192	24	10/5/2023	100896342	Evergreen Recycling of Corona, Flushing, NY		20
193	25	10/5/2023	100896341	Evergreen Recycling of Corona, Flushing, NY		20
194	26	10/5/2023	100896397	Evergreen Recycling of Corona, Flushing, NY		20
195	27	10/5/2023	100896398	Evergreen Recycling of Corona, Flushing, NY		20
196	28	10/5/2023	100896346	Evergreen Recycling of Corona, Flushing, NY		20
197	1	10/12/2023	100897425	Evergreen Recycling of Corona, Flushing, NY		20

Table 6
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Imported Materials Log

Total Truck Number	Daily Truck Number	Date	Manifest Number	Material Origin	Placement on site	CY
198	2	10/12/2023	100897436	Evergreen Recycling of Corona, Flushing, NY	Permanently placed. Backfill in remedial excavation.	20
199	3	10/12/2023	100897440	Evergreen Recycling of Corona, Flushing, NY		20
200	4	10/12/2023	100897432	Evergreen Recycling of Corona, Flushing, NY		20
201	5	10/12/2023	100897443	Evergreen Recycling of Corona, Flushing, NY		20
202	6	10/12/2023	100897450	Evergreen Recycling of Corona, Flushing, NY		20
203	7	10/12/2023	100897434	Evergreen Recycling of Corona, Flushing, NY		20
204	8	10/12/2023	100897439	Evergreen Recycling of Corona, Flushing, NY		20
205	9	10/12/2023	100897433	Evergreen Recycling of Corona, Flushing, NY		20
206	10	10/12/2023	100897435	Evergreen Recycling of Corona, Flushing, NY		20
207	11	10/12/2023	100897471	Evergreen Recycling of Corona, Flushing, NY		20
208	12	10/12/2023	100897473	Evergreen Recycling of Corona, Flushing, NY		20
209	13	10/12/2023	100897478	Evergreen Recycling of Corona, Flushing, NY		20
210	14	10/12/2023	100897479	Evergreen Recycling of Corona, Flushing, NY		20
211	15	10/12/2023	100897572	Evergreen Recycling of Corona, Flushing, NY		20
212	16	10/12/2023	100897571	Evergreen Recycling of Corona, Flushing, NY		20
213	17	10/12/2023	100897477	Evergreen Recycling of Corona, Flushing, NY		20
214	18	10/12/2023	100897455	Evergreen Recycling of Corona, Flushing, NY		20
215	19	10/12/2023	100897476	Evergreen Recycling of Corona, Flushing, NY		20
216	20	10/12/2023	100897456	Evergreen Recycling of Corona, Flushing, NY		20
217	21	10/12/2023	100897525	Evergreen Recycling of Corona, Flushing, NY		20
218	22	10/12/2023	100897523	Evergreen Recycling of Corona, Flushing, NY		20
219	23	10/12/2023	100897524	Evergreen Recycling of Corona, Flushing, NY		20
220	1	10/17/2023	100898237	Evergreen Recycling of Corona, Flushing, NY		20
					TOTAL GENERAL FILL	**4,400**

Table 6
Atlantic Chestnut - Lot 3
275 Chestnut Street, Brooklyn, New York
Imported Materials Log

Total Truck Number	Daily Truck Number	Date	Manifest Number	Material Origin	Placement on site	CY
ASTM #57						
1	1	4/14/2023	41889989	Tilcon Mt. Hope Quarry, Wharton, NJ	Permanently placed. Used behind foundation walls.	17
2	2	4/14/2023	41890009	Tilcon Mt. Hope Quarry, Wharton, NJ		17
3	1	10/26/2023	418042986	Tilcon Mt. Hope Quarry, Wharton, NJ		17
4	2	10/26/2023	418043050	Tilcon Mt. Hope Quarry, Wharton, NJ		17
5	3	10/26/2023	418042800	Tilcon Mt. Hope Quarry, Wharton, NJ		17
6	1	10/27/2023	418043478	Tilcon Mt. Hope Quarry, Wharton, NJ		17
7	2	10/27/2023	418043425	Tilcon Mt. Hope Quarry, Wharton, NJ		17
8	3	10/27/2023	418043456	Tilcon Mt. Hope Quarry, Wharton, NJ		17
9	4	10/27/2023	418043606	Tilcon Mt. Hope Quarry, Wharton, NJ		17
10	5	10/27/2023	418043397	Tilcon Mt. Hope Quarry, Wharton, NJ		17
11	6	10/27/2023	418043475	Tilcon Mt. Hope Quarry, Wharton, NJ		17
12	7	10/27/2023	418043399	Tilcon Mt. Hope Quarry, Wharton, NJ		17
13	1	10/30/2023	418044140	Tilcon Mt. Hope Quarry, Wharton, NJ		17
14	2	10/30/2023	418044373	Tilcon Mt. Hope Quarry, Wharton, NJ		17
15	3	10/30/2023	418044317	Tilcon Mt. Hope Quarry, Wharton, NJ		17
16	4	10/30/2023	418044139	Tilcon Mt. Hope Quarry, Wharton, NJ		17
17	5	10/30/2023	418044176	Tilcon Mt. Hope Quarry, Wharton, NJ		17
18	6	10/30/2023	418044170	Tilcon Mt. Hope Quarry, Wharton, NJ		17
19	1	10/31/2023	418044848	Tilcon Mt. Hope Quarry, Wharton, NJ		17
20	2	10/31/2023	418044849	Tilcon Mt. Hope Quarry, Wharton, NJ		17
21	3	10/31/2023	418044847	Tilcon Mt. Hope Quarry, Wharton, NJ		17
22	4	10/31/2023	418044844	Tilcon Mt. Hope Quarry, Wharton, NJ		17
23	5	10/31/2023	418044373	Tilcon Mt. Hope Quarry, Wharton, NJ		17
24	1	11/1/2023	418045537	Tilcon Mt. Hope Quarry, Wharton, NJ		17
25	2	11/1/2023	418045535	Tilcon Mt. Hope Quarry, Wharton, NJ		17
26	3	11/1/2023	418045515	Tilcon Mt. Hope Quarry, Wharton, NJ		17
27	4	11/1/2023	418045491	Tilcon Mt. Hope Quarry, Wharton, NJ		17
28	5	11/1/2023	418045461	Tilcon Mt. Hope Quarry, Wharton, NJ		17
29	6	11/1/2023	418045514	Tilcon Mt. Hope Quarry, Wharton, NJ		17
30	7	11/1/2023	418045562	Tilcon Mt. Hope Quarry, Wharton, NJ		17
31	8	11/1/2023	418045456	Tilcon Mt. Hope Quarry, Wharton, NJ		17
32	9	11/1/2023	418045455	Tilcon Mt. Hope Quarry, Wharton, NJ		17
33	10	11/1/2023	418045543	Tilcon Mt. Hope Quarry, Wharton, NJ		17
34	11	11/1/2023	418045442	Tilcon Mt. Hope Quarry, Wharton, NJ		17
35	12	11/1/2023	418045542	Tilcon Mt. Hope Quarry, Wharton, NJ		17
36	13	11/1/2023	418045643	Tilcon Mt. Hope Quarry, Wharton, NJ		17
37	14	11/1/2023	418045671	Tilcon Mt. Hope Quarry, Wharton, NJ		17
					TOTAL ASTM #57	**629**
					TOTAL	**6,049**

NOTES

CY - Cubic Yards

RCA - Recycled Concrete Aggregate

APPENDIX A
WELL DECOMMISSIONING LOGS

FIGURE 3

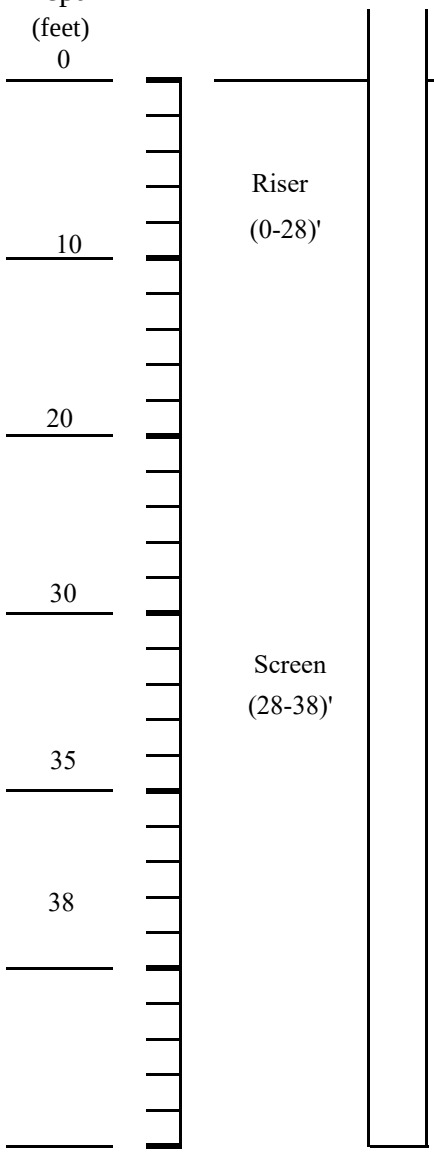
WELL DECOMMISSIONING RECORD

Site Name: Atlantic Chestnut - Lot 3	Well I.D.: L2-RI-MW-4
Site Location: 275 Chestnut Street (Brooklyn, NY)	Driller: NA
Drilling Co.: Decommissioned by the Contractor, United Concrete	Inspector: M. Balletta
	Date: 3/28/2023

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0-38
# of batches prepared	*1*
For each batch record:	
Quantity of water used (gal.)	7.8
Quantity of cement used (lbs.)	94
Cement type	TYPE 1
Quantity of bentonite used (lbs.)	3.9
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	12

WELL SCHEMATIC*



COMMENTS: tremie grouted in place; casing will be cut down to match excavation grade.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

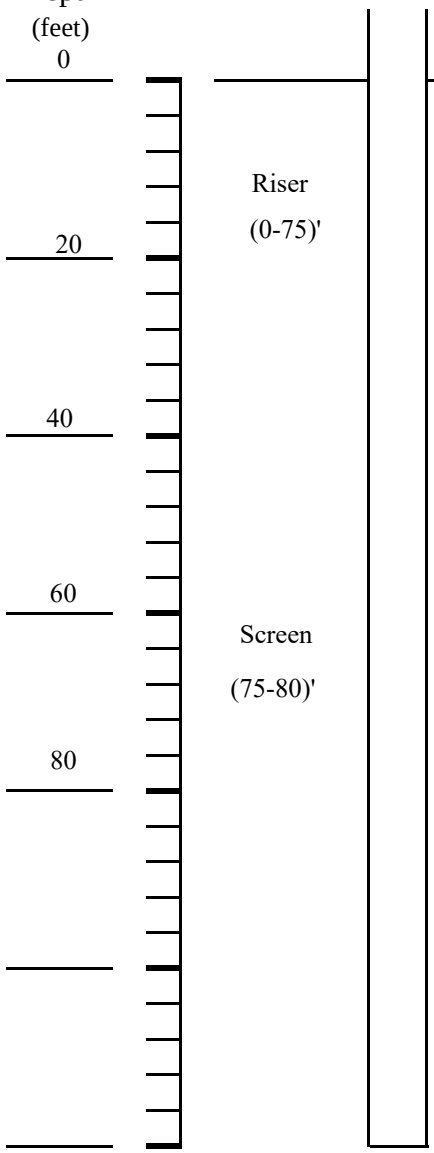
WELL DECOMMISSIONING RECORD

Site Name: Atlantic Chestnut - Lot 3	Well I.D.: L3-SRI-MW-9D
Site Location: 275 Chestnut Street (Brooklyn, NY)	Driller: NA
Drilling Co.: Decommissioned by the Contractor, United Concrete	Inspector: M. Balletta
	Date: 03/28/2023

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0-80
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7.8
Quantity of cement used (lbs.)	94
Cement type	TYPE 1
Quantity of bentonite used (lbs.)	3.9
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	38

WELL SCHEMATIC*



COMMENTS: tremie grouted in place; casing will be cut down to match excavation grade.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

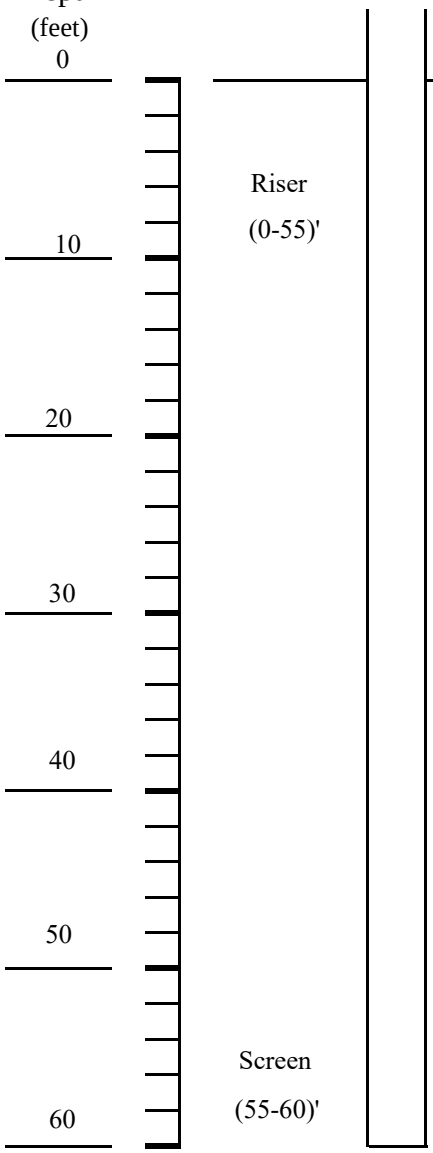
WELL DECOMMISSIONING RECORD

Site Name: Atlantic Chestnut - Lot 3	Well I.D.: L3-SRI-MW-9I
Site Location: 275 Chestnut Street (Brooklyn, NY)	Driller: NA
Drilling Co.: Decommissioned by the Contractor, United Concrete	Inspector: M. Balletta
	Date: 03/28/2023

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0-60
# of batches prepared	*1*
For each batch record:	
Quantity of water used (gal.)	7.8
Quantity of cement used (lbs.)	94
Cement type	TYPE 1
Quantity of bentonite used (lbs.)	3.9
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	28

WELL SCHEMATIC*



COMMENTS: tremie grouted in place; casing will be cut down to match excavation grade.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

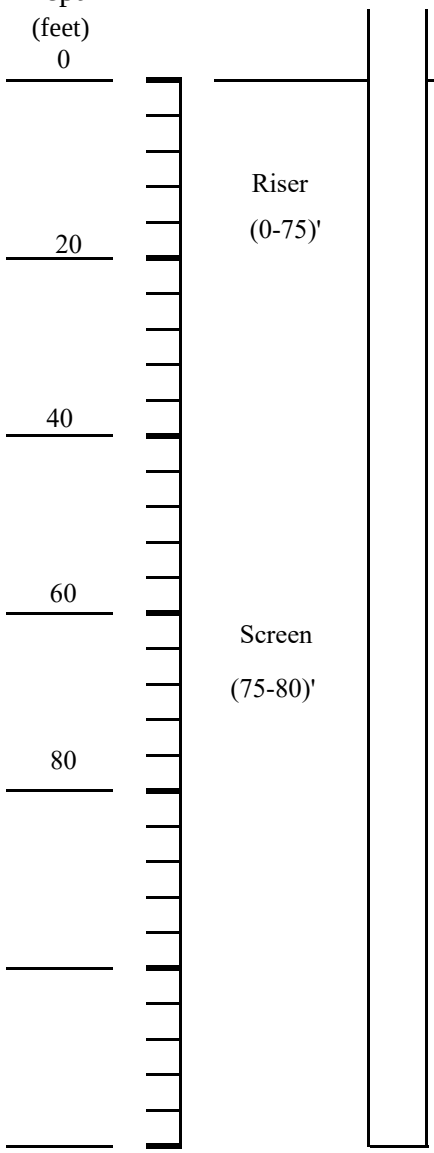
WELL DECOMMISSIONING RECORD

Site Name: Atlantic Chestnut - Lot 3	Well I.D.: L3-SRI-MW-10D
Site Location: 275 Chestnut Street (Brooklyn, NY)	Driller: NA
Drilling Co.: Decommissioned by the Contractor, United Concrete	Inspector: M. Balletta
	Date: 03/27/2023

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0-80
# of batches prepared	*1*
For each batch record:	
Quantity of water used (gal.)	7.8
Quantity of cement used (lbs.)	94
Cement type	TYPE 1
Quantity of bentonite used (lbs.)	3.9
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	38

WELL SCHEMATIC*



COMMENTS: tremie grouted in place; casing will be cut down to match excavation grade.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

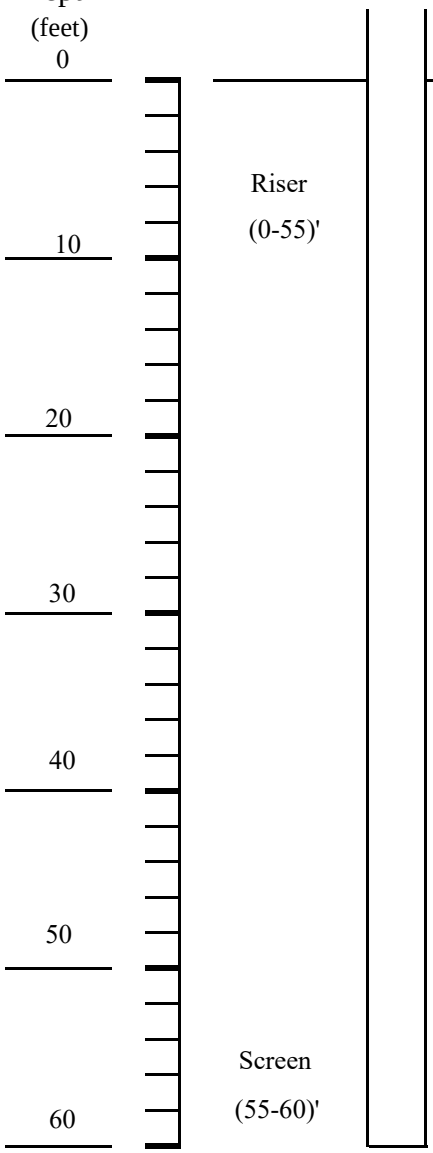
WELL DECOMMISSIONING RECORD

Site Name: Atlantic Chestnut - Lot 3	Well I.D.: L3-SRI-MW-10I
Site Location: 275 Chestnut Street (Brooklyn, NY)	Driller: NA
Drilling Co.: Decommissioned by the Contractor, United Concrete	Inspector: M. Balletta
	Date: 03/27/2023

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0-60
# of batches prepared	*1*
For each batch record:	
Quantity of water used (gal.)	7.8
Quantity of cement used (lbs.)	94
Cement type	TYPE 1
Quantity of bentonite used (lbs.)	3.9
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	28

WELL SCHEMATIC*



COMMENTS: tremie grouted in place; casing will be cut down to match excavation grade.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 3

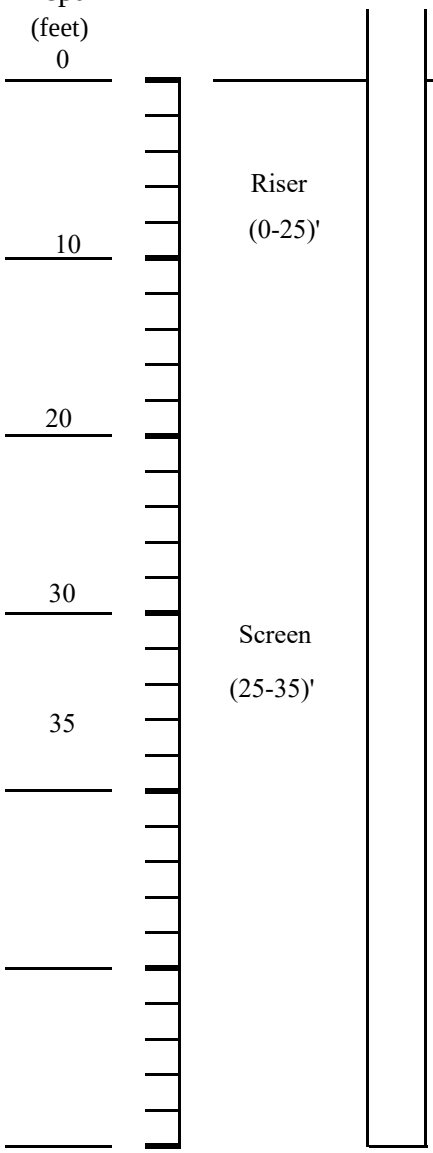
WELL DECOMMISSIONING RECORD

Site Name: Atlantic Chestnut - Lot 3	Well I.D.: L3-SRI-MW-10S
Site Location: 275 Chestnut Street (Brooklyn, NY)	Driller: NA
Drilling Co.: Decommissioned by the Contractor, United Concrete	Inspector: M. Balletta
	Date: 03/27/2023

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	NA
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0-35
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7.8
Quantity of cement used (lbs.)	94
Cement type	TYPE 1
Quantity of bentonite used (lbs.)	3.9
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	10

WELL SCHEMATIC*



COMMENTS: tremie grouted in place; casing will be cut down to match excavation grade.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

APPENDIX B
DAILY REPORTS

Included as a Separate PDF due to Filesize

APPENDIX C
AIR MONITORING DATA

Included as a Separate PDF due to Filesize

APPENDIX D
PHOTOGRAPHIC LOG

Construction Completion Report- Photograph Log



1 - Pre-remedial Site conditions from Fulton Street (near-ground is Lot 1, middle-ground is Lot 2, and far-ground is the Site), view facing south.



2 – Removal of the concrete Site cap for improvements to the access ramp connecting the Site to Lot 2, view facing north.



3 – Concrete pour for the improvements to the access ramp connecting the Site to Lot 2, view facing northwest.



4 – Chopping and removing portions of the concrete Site cap to prepare for remedial excavation of the Pedestrian Plaza, view facing west.



5 – Chopped concrete Site cap to prepare for remedial excavation of the Pedestrian Plaza, view facing southeast.



6 - Commencing remedial excavation of the Pedestrian Plaza, view facing southwest.



7 - Typical staged soil stockpile for coordination of off-site disposal, view facing east.



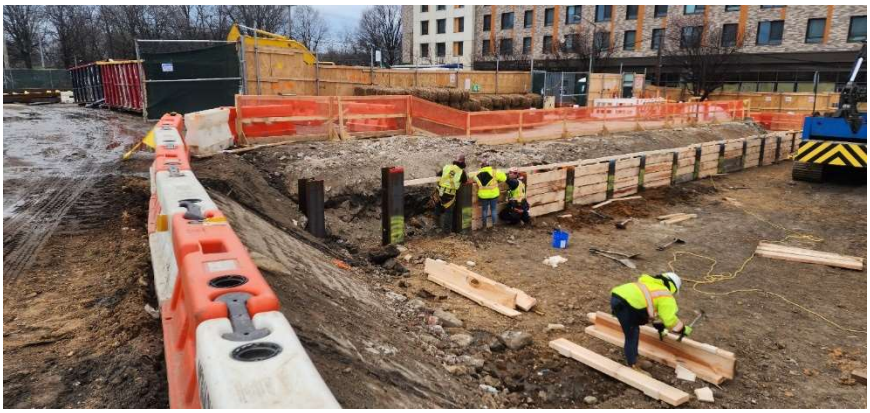
8 - Loading soil for off-site disposal, view facing northwest.



9 - Demolition of old foundational elements encountered during remedial excavation of the Pedestrian Plaza, view facing east.



10 - Pile drilling for Support of Excavation (SOE), view facing west.



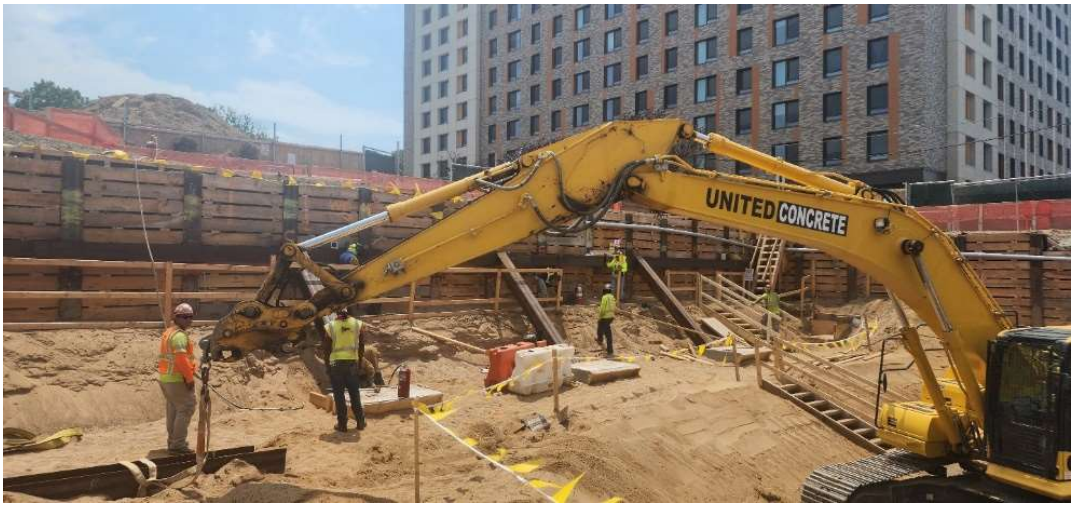
11 - SOE lagging installation, view facing southwest.



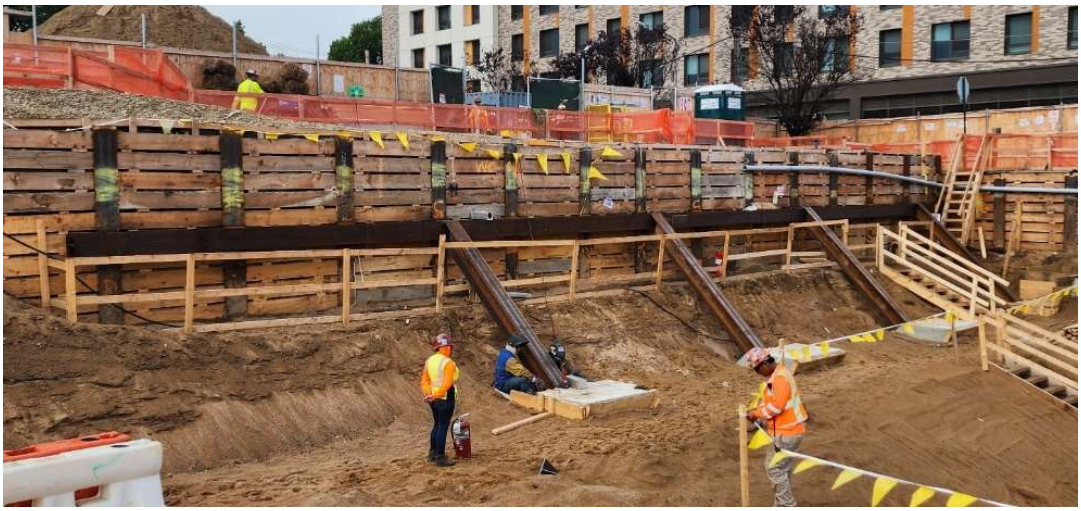
12 – Deep remedial excavation in the Pedestrian Plaza (up to 34 feet below ground surface).



13 – SOE lagging installation, view facing southwest.



14 - SOE waler, raker, and heel block installation for remedial excavation of the Pedestrian Plaza, view facing southwest.



15 – SOE waler, raker, and heel block installation for remedial excavation of the Pedestrian Plaza, view facing southwest.



16 - Soil disposal during remedial excavation of the Pedestrian Plaza, view facing southeast.



17 - Importing clean fill from EROC for backfilling the Pedestrian Plaza, view facing north.



18 – Site conditions from Euclid Avenue (near is the southeast corner of Lot 2, far is the Site's northeast corner) showing the remedial excavation of the Pedestrian Plaza, view facing west.



19 - Backfilling the Pedestrian Plaza remedial excavation with EROC clean fill material and virgin stone, view facing west.

APPENDIX E
WASTE CLASSIFICATION REPORT AND SOIL/FILL DISPOSAL DOCUMENTATION

Included as a Separate PDF due to Filesize

APPENDIX F
ENDPOINT SAMPLE DOCUMENTATION - SURVEY, SAMPLING DATA, AND DUSRS

Included as a Separate PDF due to Filesize

APPENDIX G
IMPORTED MATERIALS DOCUMENTATION

Included as a Separate PDF due to Filesize