CPB Site

QUEENS COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: BCP # C241158

Prepared for:

Corporation of the Presiding Bishop of The
Church of Jesus Christ of Latter-Day Saints, a Utah Corporation Sole
50 E. North Temple St.
Salt Lake City, Utah 84150

Prepared by:

TRC Environmental Corporation
41 Spring Street, Suite 102, New Providence, New Jersey
(908) 988-1700

NOVEMBER 2016

CERTIFICATIONS

I, _Nidal Rabah__, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Nidal Rabah, of TRC Environmental Corporation, 41 Spring Street, Suite 102, New Providence, New Jersey 07974, am certifying as Owner’s Designated Site Representative for the site.

082813	11/30/16	
NYS Professional Engineer #	Date	Signature

Nidal Rabah

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LIST OF ACRONYMS

AS	Air Sparging
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
CFR	Code of Federal Regulation
CLP	Contract Laboratory Program
COC	Certificate of Completion
CO2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
GHG	Green House Gas
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operations and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PID	Photoionization Detector
PRP	Potentially Responsible Party

PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Remedial Party
RSO	Remedial System Optimization
SAC	State Assistance Contract
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SMP	Soil Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization
SSDS	Sub-Slab Depressurization System
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVMS	Soil Vapor Mitigation System
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

The Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-Day Saints, a Utah Corporation Sole entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in May 30, 2014 to investigate and remediate a 1.14-acre property located in Far Rockaway, Queens, New York. The property was remediated to restricted residential use.

The site is located in the County of Queens, New York and is identified as Section 60 Block 15950 and Lot 29 on the New York City Tax Map. The site is situated on an approximately 1.14-acre area bounded by Far Rockaway Boulevard to the north, Rockaway Freeway to the south, Lot 42R to the east, and Lot 24 to the west (see Figure 1). The boundaries of the site are fully described in Appendix A: Survey Map, Metes and Bounds.

An electronic copy of this FER with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

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

- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated September 15, 2016.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Construction and maintenance of a soil cover system consisting of a 4" thick recycled concrete aggregate and 2" thick asphalt cap to prevent human exposure to remaining contaminated soil/fill remaining at the site;
2. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.
3. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;
4. Periodic certification of the institutional and engineering controls listed above.

Additionally, as described in the Remedial Action Plan (RAP) and the Site Management Plan (SMP) a sub-slab depressurization system (SSDS) may be installed in the future if a building is constructed on the site.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

Previous Site Investigations (SI) indicated that a structure or building was formerly located in the southwestern portion of the Site (Anson 2). The structure was reportedly used as a garage and plumbing supply house. In connection with its pre-purchase due diligence in 2002 the CPB uncovered evidence of a pre-existing release of petroleum product (heating oil) on-site. The petroleum release was reported to the NYSDEC. As a result, NYSDEC assigned Spill # 02-07599 to the site.

The investigations lead to corrective actions under the direction of the Spill Program. These corrective actions are described below.

The information and certifications made in the In-Situ Thermal Treatment (ISTT) Remedial Action Report, August 2012 (TRC 14), were relied upon to prepare this report and certify that the remediation requirements for the site have been met.

3.1 INTERIM REMEDIAL MEASURES

In March 2003, the CPB submitted a Corrective Action Plan (CAP) to NYSDEC to address the on-site impacts (CPB 1). The March 2003 CAP proposed the excavation and disposal of impacted soils and subsequent groundwater monitoring. NYSDEC approved the March 2003 CAP on April 25, 2003 (NYSDEC 1).

Between June and November 2004, Anson Environmental, Ltd. (Anson) of Huntington, New York implemented the NYSDEC approved soil excavation at the site. During the soil excavation, two underground storage tanks (USTs), 1,500 and 300 gallons in capacity, were uncovered and removed. Upon inspection, the USTs were determined not to be leaking (Anson Feb 2005 Soil Remediation Report). However, based on observations of petroleum stains and odor, the excavation area was expanded to an area of approximately 11,000 square feet ($ft.^2$) and to a depth of approximately 8 feet below ground surface (ft. bgs). An impacted area of CVOCs was observed during the excavation near the southwestern property quadrant. The CVOC impacted soils were also excavated. In 2004, CPB excavated and disposed a total of 13,882 tons of petroleum impacted soils, 12,430 gallons of an oil-water mixture, and 418 tons of CVOC impacted

soils. A report summarizing the 2004 excavation work was submitted to NYSDEC (Anson, 2).

On October 6, 2005, CPB submitted a CAP Addendum for the following activities: (1) installation of three additional monitoring wells, (2) soil and groundwater post-excavation sampling, (3) on-site soil gas survey, (4) off-site soil gas survey, and (5) a long term monitoring plan (CPB 2). NYSDEC approved the CAP Addendum on October 12, 2005 (NYSDEC 2). A report summarizing the 2005 CAP Addendum work was submitted to NYSDEC on July 5, 2006 (CPB 3). The post-excavation sampling around the perimeter of the excavation indicated that soil impacts were below the NYSDEC RSCO. Groundwater petroleum and CVOC impacts, however, remained above NYSDEC standards.

On October 4, 2006, NYSDEC and the CPB met to discuss the next steps for addressing the remaining environmental impacts at the site (Anson 3). As a result of this meeting, NYSDEC requested that the CPB prepare a Work Plan to further investigate on-site and off-site groundwater CVOC impacts. A Work Plan was submitted by Anson on October 26, 2006 (Anson 4), which NYSDEC subsequently approved.

On-site ground water samples were collected on November 28 and 29, 2006 and off-site groundwater samples were collected on January 24 and 25, 2007. The sampling results indicated groundwater impacts on-site to a depth of 60 ft. bgs, and groundwater impacts off-site to a depth of 10 ft. bgs (Anson 3).[1] A report summarizing the 2006-2007 groundwater investigation was submitted to the NYSDEC on March 14, 2007.

On May 7, 2007, NYSDEC requested that the CPB focus the remediation on the removal of the CVOC source (NYSDEC 3). As explained by NYSDEC: "Once the source is gone, the processes of dilution, dispersion and biodegradation that are already evident at this site should attenuate the aqueous plume that has developed downgradient of the soil contamination." (NYSDEC 3). The CPB agreed to comply with NYSDEC's request (CPB 4).

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[1] Anson, TRS, and TRC have not conducted an investigation of potential sources on the off-site properties to determine whether there are independent sources of contamination.

On September 11, 2007, the CPB submitted a CAP Addendum to NYSDEC. This CAP Addendum proposed addressing groundwater impacts using a combination of in-situ chemical oxidation (ISCO) and enhanced in-situ bioremediation (EISB) (Anson 3). NYSDEC approved the 2007 CAP addendum on November 16, 2007 and required the installation of a monitoring well on the adjacent property to the west by December 3, 2007 (NYSDEC 4). On November 29, 2007, the adjacent property owner denied the CPB access to his property, which prevented the installation of the required monitoring well. Access was not granted to the adjacent property until October 16, 2008.

In February 2008, TRC proceeded to characterize the site lithology, delineate the extent of TCE impacts in the groundwater and assist in the implementation of the remedial program proposed in the 2007 CAP Addendum. To evaluate the suitability of ISCO and collect design parameters for a full-scale program, TRC submitted an ISCO Pilot Test Work Plan to NYSDEC on May 30, 2008 (TRC 2; NYSDEC 5). NYSDEC approved the Work Plan on July 3, 2008 (NYSDEC 5).

In August 2008, TRC conducted the ISCO pilot test using percarbonate (Regenox™) and activator compounds provided by Regenesis in an area of approximately 200 $ft.^2$. Two temporary points were used to inject the activated percarbonate into an area upgradient of the elevated CVOC impacts within the Shallow and Intermediate Zones. Groundwater extraction was conducted from two wells downgradient from the treatment area to establish hydraulic control during the testing program. The pilot test results demonstrated that the effectiveness of ISCO was limited due to the high and variable oxidant demand and short active oxidation timeframe. These limitations did not allow for complete degradation of CVOC, despite the relatively high oxidant dosage within the treatment area. This limitation was manifested by the transient increase in TCE concentration at downgradient well PZ-3 following the cessation of hydraulic control. As a result, TRC concluded that a combination of ISCO and EISB would potentially be the most effective way to remediate groundwater impacts. A report detailing the pilot test results and a Work Plan to implement the ISCO/EISB remedy were submitted in December 2008 (TRC 3, 4). NYSDEC approved the ISCO/EISB Work Plan on January 26, 2009 (NYSDEC 6).

Also in 2008, an investigation program was implemented to determine the extent of on-site petroleum impacts observed in shallow monitoring well PZ-2 during the ISCO pilot test. This observation was noted in the December 2008 Work Plan, along with the acknowledgement that the apparent minor residual product would have to be addressed prior to the implementation of the Work Plan (TRC 4).

In March and April 2009, TRC conducted additional investigation activities to further evaluate and address the petroleum impacts in the area of well PZ-2. As a result of these activities, TRC observed petroleum accumulations in shallow monitoring well PZ-2 and intermediate monitoring well MW-4i in thicknesses of up to 2.12 ft. and 0.15 ft., respectively (March 2009). In response, in March 2009, TRC excavated 80 tons of petroleum impacted soils and removed approximately 445 gallons of a petroleum/water mixture. In April 2009, TRC excavated 20 tons of petroleum impacted soils and removed 1,830 gallons of a petroleum/water mixture. In May 2009, TRC completed a supplemental soil boring program to delineate the spatial extent of petroleum hydrocarbons within and below the Shallow Zone. A letter report detailing the 2009 investigation and remediation of petroleum impacts was submitted to NYSDEC on May 22, 2009 (TRC 5).

The results of the product investigation and delineation program prompted a reconsideration of the proposed December 2008 ISCO/EISB In-Situ Treatment Work Plan. An alternative approach consisting of an electrical resistive heating (ERH) ISTT system was discussed and submitted to NYSDEC.

The ISTT program was conducted at the site from November 2010 to August 2011. The program was successful in removing VOC contamination from the soil and groundwater, as described in the Remedial Action Report, dated August 24, 2012 (TRC 14). As described in the report, approximately 3,200 lbs. of VOCs were removed, of which 2,800 lbs. were TCE. This TCE mass is equivalent to approximately 230 gallons of pure TCE. Concentration decreases in monitoring wells were observed to be over 99.99% in the source area wells (MW-4s and MW-4i).

3.2 OPERABLE UNITS

No separate operable units are present at the site.

3.3 REMEDIAL CONTRACTS

The initial remedial excavation was conducted by Anson Environmental Ltd, will all subsequent remediation work conducted by TRC.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Plan (RAP) for the CPB Site (September 2016). .

The remedial actions performed at the site consisted of the installation of an asphalt cap over two separate areas. The cap was installed on October 31, 2016, under the supervision of TRC. As-built drawings of the cap are provided in Figure 2, and further described in Section 4.5.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

There is no QAPP for this Site.

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan (CQAP) managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

In accordance with CQAP, TRC inspected sub-base material upon arrival to ensure it is RCA with no organics, no glass or debris. Under TRC supervision, a professional land surveyor staked out the capped areas and measured the ground surface elevations prior to the cap construction. TRC conducted inspections, and monitoring activities to assure compliance of the design included in the RAP. TRC documentation

consisted of Daily Inspection Reports, Photographic Logs and field book entries during the cap construction (Appendices D and E). The surveyor also measured the elevations after the cap construction to confirm the thickness in capped areas and as-built figures were generated.

4.1.4 Soil/Materials Management Plan (S/MMP)

There is no Soil/Materials Management Plan for this site.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

There is no Storm-Water Pollution Prevention Plan for this site.

4.1.6 Community Air Monitoring Plan (CAMP)

Community Air Monitoring Plan was included in the HASP to conduct air and dust monitoring when the field activities are conducted at the Site. Air monitoring was performed in the downwind of where the field activities are conducted for the safety of the field personnel and the surrounding population using a multi-gas meter. Dust quality was monitored with a Miniram during the construction activities at the Site. The organic vapor and dust monitoring levels remained below the action levels in the downward perimeter of the work area.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

Public notifications and distribution of fact sheets was performed in accordance with the June 2014 Citizens Participation Plan for the site. A fact sheet will be mailed to the Site contact list that announces that cleanup action has been completed and that summarizes the Final Engineering Report. In addition, a fact sheet will be mailed to the site contact list announcing issuance of Certificate of Completion (COC). If possible, these fact sheets may be combined if there is not a delay in issuing the COC.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

Surveying of the cap extents was provided by Civil and Environmental Engineering (CEE) of Princeton, New Jersey. Well abandonment activities were performed by Cascade Drilling, L.P. (Cascade) of Lynbrook, New York. Construction of the asphalt cap was performed by Prima Paving Co. (Prima) of Hicksville, New York. All work was observed by TRC personnel under the supervision of the certifying Engineer of Record responsible for inspection of the work, Dr. Nidal Rabah, P.E.

4.2.2 Site Preparation

On August 29, 2016 CEE established the extent of the capping areas, as depicted in the Remedial Action Plan. Six (6) monitoring wells within the capped areas, PZ-3, MW-4i, MW-4s, MW-10s, MW-8s and MW-8i, were abandoned by Cascade in accordance with NYSDEC's CP: 43 Groundwater Monitoring Well Decommissioning Policy on October 24, 2016.

The cap construction work at the Site was completed in four days, between October 26 and 31, 2016. The contractor mobilized to the Site on the first day and prepared the work area by removing surface vegetation. After the site preparation, the cap was constructed as described in Section 4.6.

4.2.3 General Site Controls

Access to the site is limited by a perimeter chain link fence with locked gate. Field books and daily reports were used to maintain a log of the construction activities, which included the date of each activity, and a running narrative of the operations.

4.2.4 Nuisance controls

Dust monitoring was conducted during the construction. No action levels were exceeded during the work and no dust control measures were implemented at the Site during the work.

4.2.5 CAMP results

The organic vapor and dust monitoring levels remained below the action levels in the downward perimeter of the work area.

4.2.6 Reporting

TRC's field Engineer recorded the field construction activities in field book and daily reports.

All daily reports are included in electronic format in Appendix D.

The digital photo log required by the RAP is included in electronic format in Appendix E.

4.3 IMPORTED MATERIALS

As described the RAP, Recycled Concrete Aggregate (RCA) was used as the subbase material for the cap. Appendix H provides the documentation that the RCA was provided by a licensed Subchapter 375 vendor. A figure showing the site locations where imported materials was used at the site is shown in Figure 5.

4.4 CONTAMINATION REMAINING AT THE SITE

Shallow soil samples were collected at nine locations across the site in March 2015. The results of these samples were compared for screening purposes to NYSDEC Restricted Residential Use Soil Cleanup Objectives (RR-SCO) as depicted in Table 2. The analyses confirmed that concentrations for only three shallow samples, SS-3, SS-8 and SS-9 marginally exceeded RR-SCO for the secondary parameters of manganese, mercury and SVOCs, respectively, as depicted on Figure 4.

To address these localized and marginal exceedances, TRC proposed asphalt capping as an engineering control over two separate areas, as depicted on Figure 5. The caps consisted of a geotextile liner for demarcation (over the existing fill), a four-inch layer of recycled concrete aggregate (RCA) (provided by a licensed Subchapter 375 vendor, Parts 360-16.4 and 360-1.15) and a two-inch thick layer of asphalt. Cap Area 1 covered an area of approximately 5,400 square feet and was installed around sample location SS-3. Cap Area 2 covered an area of approximately 9,900 square feet and was installed around sample locations SS-8 and SS-9.

Table 3 and Figure 3 summarize the results of all soil samples remaining at the site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs.

Figure 3 summarizes the results of all soil samples remaining at the site after completion of the remedial action that meet the SCOs for unrestricted use of the site.

Since contaminated soil remains beneath the site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.5 SOIL COVER or CAP SYSTEM

Exposure to remaining contamination in soil/fill at the site is prevented by a soil cover system placed over the site. This cover system is comprised of an orange colored demarcation layer, minimum of 4 inches of recycled concrete aggregate (RCA). Figure 5 shows the as-built cross sections for each remedial cover type used on the site. Figures 2 and 5 show the location of each cover type built at the Site. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix 2 of the SMP.

4.6 OTHER INSTITUTIONAL CONTROLS

Since remaining contaminated soil exists beneath the site, Engineering Controls (EC) are required to protect human health and the environment.

A sub-slab depressurization system (SSDS) will be required if a building is constructed within the area depicted on Figure 5. The size and construction techniques used in erecting the building will influence the design and installation of the SSDS. Procedures for monitoring, operating and maintaining the SSDS system are provided in the Operation and Maintenance Plan in Section 5 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.7 INSTITUTIONAL CONTROLS

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface

contamination; and, (3) limit the use and development of the site to restricted residential, commercial and industrial uses only.

The environmental easement for the site was executed by the New York State Department of Environmental Conservation on 21st October, 2015, and filed with the New York City Department of City Planning on December 22, 2015. The City Register File No. for this filing is 2015000447636. A copy of the easement and proof of filing is provided in Appendix C.

4.8 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

There are no deviations from the remedial action work plan.

5.0 REFERENCES

6NYCRR Part 375, Environmental Remediation Programs. December 14, 2006.

NYSDEC DER-10 – "Technical Guidance for Site Investigation and Remediation".

Anson 1, Anson Environmental, Ltd. Soil and Groundwater Sampling, CPB-Property, Edgemere, New York- October 22, 2002

Anson 2, Anson Environmental, Ltd. Soil Remediation Report, CPB-Property, Edgemere, New York- February 10, 2005

Anson 3, Anson Environmental, Ltd. Corrective Action Plan Addendum Preliminary Report for On-Site Multilevel Groundwater Investigation and Off-Site Groundwater Investigation, CPB-Property, Edgemere, New York- March 14, 2007

Anson 4, Anson Environmental, Ltd. Work Plan, CPB-Property, Edgemere, New York- October 26, 2006

CPB 1, CPB. Corrective Action Plan (CAP), CPB-Property, Edgemere, New York- March 2003.

CPB 2, CPB. Corrective Action Plan (CAP) Addendum, CPB-Property, Edgemere, New York- October 6, 2005.

CPB 3, CPB, Summary of 2005 CAP Addendum work, CPB-Property, Edgemere, New York- July 5, 2006.

CPB 4, CPB. Letter to NYSDEC for Compliance with CVOC Source Removal, CPB-Property, Edgemere, New York- May 29, 2007.

CPB 5, CPB. Email for Notification of Installation of Monitoring Wells to NYSDEC, CPB-Property, Edgemere, New York- July 8, 2010.

CPB 6, CPB. Email for Notification of Installation of Electrode and TMPs to NYSDEC, CPB-Property, Edgemere, New York- July 8, 2010.

CPB 7, CPB. Email for Notification of Air Permit Approval from NYSDEC, CPB-Property, Edgemere, New York- November 12, 2010.

CPB 8, CPB. Email for Notification of System Mobilization, CPB-Property, Edgemere, New York- January 11, 2011.

NYSDEC 1, NYSDEC. Approval letter for CPB Corrective Action Plan (CAP), CPB-Property, Edgemere, New York- April 25, 2003

NYSDEC 2, NYSDEC. Approval letter for CPB Corrective Action Plan Addendum, CPB-Property, Edgemere, New York- October 12, 2005

NYSDEC 3, NYSDEC. Request letter for Removal of CVOC Source, CPB-Property, Edgemere, New York- May 7, 2007

NYSDEC 4, NYSDEC. Approval letter for 2007 CAP Addendum, CPB-Property, Edgemere, New York- November 16, 2007

NYSDEC 5, NYSDEC. Approval letter for In Situ Chemical Oxidation (ISCO) Pilot Test Work Plan (WP), CPB-Property, Edgemere, New York- July 3, 2008.

NYSDEC 6, NYSDEC. Approval letter for In Situ Chemical Oxidation (ISCO) and Enhanced In-Situ Bioremediation (EISB) Work Plan (WP), CPB-Property, Edgemere, New York- January 26, 2009.

NYSDEC 7, NYSDEC. Approval Letter for ISTT Work Plan, CPB-Property, Edgemere, New York- November 25, 2009.

NYSDEC 8, NYSDEC. Approval Letter for Suspension of Heating to Shallow Electrodes, CPB-Property, Edgemere, New York- May 12, 2011.

TRC 1, TRC Environmental, Inc. Memorandum for CPB Site – *In-Situ* Thermal

Treatment (ISTT) System Monitoring SP # 0207599, December 22, 2008.

TRC 2, TRC Environmental, Inc. In Situ Chemical Oxidation Pilot Test Workplan, CPB-Property, Edgemere, New York- May 30, 2008.

TRC 3, TRC Environmental, Inc. In Situ Chemical Oxidation Pilot Test Report, CPB-Property, Edgemere, New York- December 22, 2008.

TRC 4, TRC Environmental, Inc. In Situ Chemical Oxidation Full Scale Design, CPB-Property, Edgemere, New York- December 2008.

TRC 5, TRC Environmental, Inc. Memorandum for Free-Phase Floating Product Distribution and Proposed Actions SP # 0207599, May 22, 2009.

TRC 6, TRC Environmental, Inc. In-Situ Thermal Treatment (ISTT) Work Plan, CPB-Property, Edgemere, New York- August 31, 2009.

TRC 7, TRC Environmental, Inc. Response to NYSDEC Comments, In-Situ Thermal Treatment (ISTT) Work Plan, CPB Edgemere Site (SP#02-07599) 3229 Far Rockaway Boulevard (Block 159950, Lot 29) Edgemere, Queens, New York- October 6, 2009

TRC 8, TRC Environmental, Inc. In-Situ Thermal Treatment (ISTT) Work Plan- revised Figure 7, CPB-Property, Edgemere, New York- November 7, 2009.

TRC 9, TRC Environmental, Inc. Email to CPB for Approval from NYSDEC to Operate System, CPB- Property, Edgemere, New York- November 22, 2010.

TRC 10, TRC Environmental, Inc. Memorandum for Suspension of Heating at Shallow Electrodes, CPB- Property, Edgemere, New York- March 28, 2011.

TRC 11, TRC Environmental, Inc. Letter requesting the Suspension of Heating at Shallow Electrodes, CPB- Property, Edgemere, New York- April 20, 2011.

TRC 12, TRC Environmental, Inc. Phone Call to NYSDEC: 30 Day Post Treatment

Ground Water Samples – November 14, 2011.

TRC 13, TRC Environmental, Inc. Phone Call to NYSDEC: 90 Day Post Treatment Ground Water Samples – January 19, 2012.

TRC 14, TRC Environmental Inc. In-Situ Thermal Treatment (ISTT) Remedial Action Report – August 24, 2012

TRC 15, TRC Environmental, Inc. Remedial Investigation Report (RIR) – August 10, 2015

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FAR ROCKAWAY BOULEVARD

CURB

SIDEWALK

TO BAY
32ND STREET

P.O.B.

12' GATE

8' CHAIN LINK FENCE

8' CHAIN LINK FENCE

MW-1i

MW-1s

MW-2

6' CHAIN LINK FENCE

BLOCK 15950
LOT 24

BLOCK 15950
LOT 29

BLOCK 15950
LOT 42R

8' CHAIN LINK FENCE

MW-6s

MW-6i

MW-9s

MW-9i

MW-3s

MW-3i

MW-4s

MW-10s

PZ-3

MW-4i

MW-8s

MW-8i

PROPERTY LINE

BLOCK 15950
LOT 55

CAPPED
RE-BAR SET

8' CHAIN LINK FENCE

BEACH 32

ROCKAWAY FREEWAY

0 30
APPROXIMATE SCALE

LEGEND

SITE BOUNDARY/PROPERTY LINE

CHAIN LINK FENCE

MW-1 MONITOR WELL LOCATION

TRC ENVIRONMENTAL CORP.
41 Spring Street, Suite 102
New Providence, New Jersey 07974

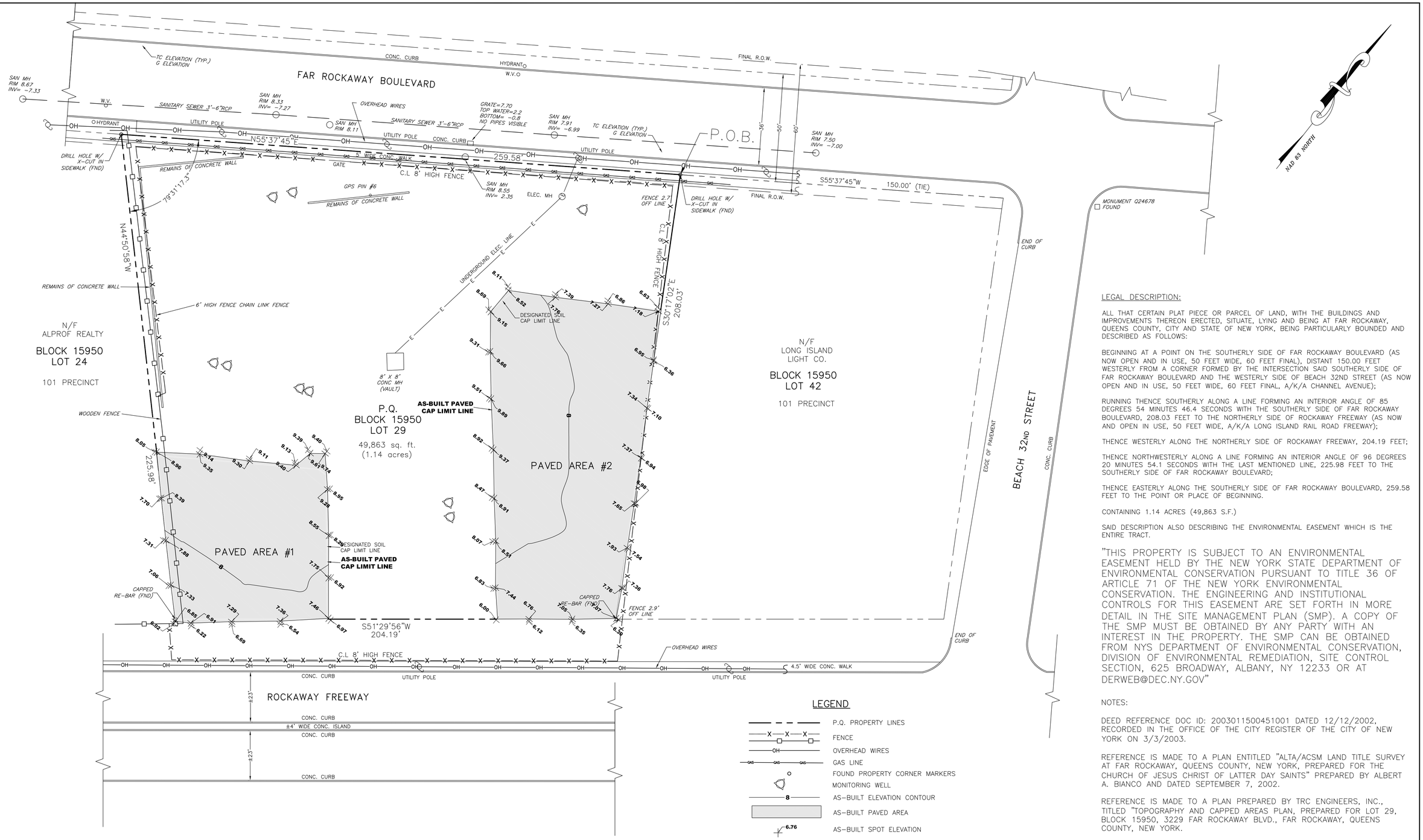
PROJECT SITE MAP

CPB - FAR ROCKAWAY, NEW YORK

JOB NO.: 174788

SJ/HP	DATE: NOVEMBER 2016	FIGURE: 1

FILE: M:\CAD FILES\VISION PROJECTS\174788\2016_11-FINAL ENGINEERING REPORT\FER FIGURES.DWG, DATE: 11/07/2016 02:52:26PM



LEGEND

- P.Q. PROPERTY LINES
- FENCE
- OVERHEAD WIRES
- GAS LINE
- FOUND PROPERTY CORNER MARKERS
- MONITORING WELL
- AS-BUILT ELEVATION CONTOUR
- AS-BUILT PAVED AREA
- 6.76 AS-BUILT SPOT ELEVATION

IMPERIAL GRAPHIC SCALE

20 0 10 20 40 80

1 INCH = 20 FEET

METRIC GRAPHIC SCALE

2.40 0 2.40 4.80 9.60 19.20

1 CM = 2.40 METERS

LEGAL DESCRIPTION:

ALL THAT CERTAIN PLAT PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING AT FAR ROCKAWAY, QUEENS COUNTY, CITY AND STATE OF NEW YORK, BEING PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL), DISTANT 150.00 FEET WESTERLY FROM A CORNER FORMED BY THE INTERSECTION SAID SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD AND THE WESTERLY SIDE OF BEACH 32ND STREET (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL, A/K/A CHANNEL AVENUE);

RUNNING THENCE SOUTHERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 85 DEGREES 54 MINUTES 46.4 SECONDS WITH THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 208.03 FEET TO THE NORTHERLY SIDE OF ROCKAWAY FREEWAY (AS NOW AND OPEN IN USE, 50 FEET WIDE, A/K/A LONG ISLAND RAIL ROAD FREEWAY);

THENCE WESTERLY ALONG THE NORTHERLY SIDE OF ROCKAWAY FREEWAY, 204.19 FEET;

THENCE NORTHWESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 96 DEGREES 20 MINUTES 54.1 SECONDS WITH THE LAST MENTIONED LINE, 225.98 FEET TO THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD;

THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 259.58 FEET TO THE POINT OR PLACE OF BEGINNING.

CONTAINING 1.14 ACRES (49,863 S.F.)

SAID DESCRIPTION ALSO DESCRIBING THE ENVIRONMENTAL EASEMENT WHICH IS THE ENTIRE TRACT.

"THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV"

NOTES:

DEED REFERENCE DOC ID: 20030115004510O1 DATED 12/12/2002, RECORDED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK ON 3/3/2003.

REFERENCE IS MADE TO A PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY AT FAR ROCKAWAY, QUEENS COUNTY, NEW YORK, PREPARED FOR THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS" PREPARED BY ALBERT A. BIANCO AND DATED SEPTEMBER 7, 2002.

REFERENCE IS MADE TO A PLAN PREPARED BY TRC ENGINEERS, INC., TITLED "TOPOGRAPHY AND CAPPED AREAS PLAN, PREPARED FOR LOT 29, BLOCK 15950, 3229 FAR ROCKAWAY BLVD., FAR ROCKAWAY, QUEENS COUNTY, NEW YORK.

AS-BUILT DATA IS BASED UPON A FIELD SURVEY PERFORMED ON NOVEMBER 7, 2016 BY C&E ENGINEERING, INC.

ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

PROPERTY IS LOCATED IN FLOOD ZONE X AND FLOOD ZONE AE AS SHOWN ON FIRM MAP #3604970382F PANEL 382 OF 457, LAST REVISED ON SEPTEMBER 5, 2007.

SURVEYOR'S CERTIFICATION

THIS SURVEY IS MADE FOR THE BENEFIT OF TRC ENGINEERS INC.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS. THE FIELD WORK WAS COMPLETED ON JANUARY 9, 2015

KEYSTONE CONSULTING ENGINEERS INC.
BY GREGORY C. NOLL, P.L.S. (AGENT)
REGISTRATION NO. NY 050896 DATE_____

NOTE: ALL PLANS THAT DO NOT CONTAIN A RED INK OR CRIMP SEAL MAY HAVE BEEN FRAUDULENTLY ALTERED. THIS PLAN IS NULL AND VOID UNLESS IT CONTAINS AN ORIGINAL SIGNATURE, DATE AND PROFESSIONAL SEAL.

KEYSTONE CONSULTING ENGINEERS

File: CEE140 – 2016-11-14 – AS-BUILT PLAN OF CAPPED AREAS.dwg

REV. No.	DATE	DESCRIPTION	PROJ. ENG.	PROJ. MGR.

C | E
Civil & Environmental Engineering, Inc.
ENGINEERING
SURVEYING
ENVIRONMENTAL
LANDSCAPE SERVICES
CERTIFICATE OF AUTHORIZATION #24GA28267600
(P) 609.497.1379
(F) 609.497.1879
RESEARCH PARK
322 WALL STREET
PRINCETON, NJ 08540
WWW.CEENJ.COM

AS-BUILT PLAN OF CAPPED AREAS

PREPARED FOR

LOT 29, BLOCK 15950
3229 FAR ROCKAWAY BLVD.

FAR ROCKAWAY
QUEENS COUNTY NEW YORK

DESIGNED	PROJECT #
D.H.	CEE140
CHECKED (PM)	
R.K.	
CHECKED (PLS)	DRAWING #
M.T.A.	1 OF 1
SCALE	
AS SHOWN	

FAR ROCKAWAY

TO BAY

P.O.B. 32ND STREET

Sample Point	SS-1		
Date	1/19/2015	1/19/2015	1/23/2015
Depth	0"-2"	2"-12"	12"-24"
4,4'-DDE	ND	0.0022	**0.0276**
4,4'-DDT	**0.0037**	**0.0046**	**0.0501**
Lead	**77**	**149**	**123**
Mercury	**0.2**	0.14	**0.39**
Zinc	75.7	**124**	93

Sample Point	SS-4		
Date	1/23/2015	1/23/2015	1/23/2015
Depth	0"-2"	2"-12"	12"-24"
4,4'-DDE	0.0027	**0.0075**	ND
4,4'-DDT	**0.0146**	**0.0267**	**0.0036**
Lead	**185**	**183**	**210**
Mercury	**0.21**	**0.2**	0.11
Zinc	**156**	**136**	**154**

Sample Point	SS-7		
Date	1/23/2015	1/23/2015	1/23/2015
Depth	0"-2"	2"-12"	12"-24"
Cadmium	**4**	ND	ND
Lead	**153**	52.3	4.4
Mercury	**0.22**	**0.24**	ND

12' GATE

CHAIN LINK FENCE

MW-1i

MW-1s

SS-1

SS-4

MW-2

SS-7

6' CHAIN LINK FENCE

BLOCK 15950
LOT 24

BLOCK 15950
LOT 29

Sample Point	SS-5		
Date	3/27/2015	3/27/2015	3/27/2015
Depth	0"-2"	2"-12"	12"-24"
Dieldrin	ND	**0.0202**	ND
4,4'-DDT	ND	**0.0061**	ND
Lead	**98.8**	**85.8**	**67.1**
Mercury	0.17	**0.21**	**0.19**
Zinc	**111**	95	73.9

Sample Point	SS-8		
Date	3/27/2015	3/27/2015	3/27/2015
Depth	0"-2"	2"-12"	12"-24"
Copper	46.2	44.5	**53.3**
Lead	**142**	**155**	**218**
Mercury	**0.51**	**1.5**	**1.9**
Nickel	26.2	**38.6**	**123**
Zinc	**200**	**195**	**293**

Sample Point	SS-2		
Date	3/27/2015	3/27/2015	3/27/2015
Depth	0"-2"	2"-12"	12"-24"
4,4'-DDT	**0.0094**	**0.0098**	ND
Lead	**79.1**	**102**	**108**
Zinc	74.3	83.1	**122**

MW-6s

MW-6i

SS-2

MW-9s

MW-9i

SS-5

SS-8

Applicable Criteria (USCO)	mg/kg
Benzo(a)anthracene	1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	1
Chrysene	1
Dibenzo(a,h)anthracene	0.33
Indeno(1,2,3-cd)pyrene	0.5
Dieldrin	0.005
4,4'-DDE	0.003
4,4'-DDT	0.003
Cadmium	2.5
Chromium	30
Copper	50
Lead	63
Manganese	1600
Mercury	0.18
Nickel	30
Zinc	109

Sample Point	SS-3		
Date	3/27/2015	3/27/2015	3/27/2015
Depth	0"-2"	2"-12"	12"-24"
Dieldrin	**0.0199**	**0.0198**	**0.0125**
4,4'-DDT	**0.0069**	**0.0055**	0.0023
Copper	22.7	**57.3**	19.2
Lead	**108**	**88**	**80.4**
Manganese	122	**2250**	153
Nickel	**34.6**	**32.2**	22.6
Zinc	98.7	**679**	77.3

Sample Point	SS-6		
Date	3/27/2015	3/27/2015	3/27/2015
Depth	0"-2"	2"-12"	12"-24"
4,4'-DDT	**0.0142**	**0.0143**	**0.0129**
Chromium	**53.3**	**57.3**	**71.9**
Copper	**132**	**190**	**137**
Lead	**216**	**296**	**267**
Mercury	**0.34**	**0.65**	**0.53**
Nickel	**202**	**244**	**291**
Zinc	**583**	**564**	**297**

Sample Point	SS-9		
Date	3/27/2015	3/27/2015	3/27/2015
Depth	0"-2"	2"-12"	12"-24"
Benzo(a)anthracene	0.057	0.119	**1.95**
Benzo(a)pyrene	0.0586	0.117	**1.99**
Benzo(b)fluoranthene	0.0701	0.136	**2.19**
Chrysene	0.0634	0.128	**2.25**
Dibenzo(a,h)anthracene	ND	0.0171	**0.507**
Indeno(1,2,3-cd)pyrene	0.0458	0.0714	**1.64**
Chromium	7.8	18.9	**51.4**
Copper	24.2	42.4	**130**
Lead	**123**	**158**	**243**
Mercury	0.18	**0.29**	**0.44**
Nickel	7.6	**94.4**	**107**
Zinc	97.6	**138**	**313**

MW-4s

MW-10s

PZ-3 MW-4i

SS-3

SS-6

SS-9

MW-8s

MW-8i

PROPERTY LINE

BLOCK 15950
LOT 55

CAPPED
RE-BAR SET

8' CHAIN LINK FENCE

ROCKAWAY FREEWAY

0 30
APPROXIMATE SCALE

LEGEND

MW-1 MONITOR WELL LOCATION

SS-1 SURFACE SOIL SAMPLING LOCATION

TRC ENVIRONMENTAL CORP.
41 Spring Street, Suite 102
New Providence, New Jersey 07974

EXCEEDANCES OF UNRESTRICTED
SOIL CLEANUP OBJECTIVES (AFTER REMEDY)

CPB - FAR ROCKAWAY, NEW YORK

JOB NO.: 174788

PB/GB	DATE: AUGUST 2015	FIGURE: 3

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FAR ROCKAWAY BOULEVARD

CURB

SIDEWALK

TO BAY
32ND STREET

P.O.B.

12' GATE

8' CHAIN LINK FENCE

8' CHAIN LINK FENCE

8' CHAIN LINK FENCE

6' CHAIN LINK FENCE

8' CHAIN LINK FENCE

BLOCK 15950
LOT 24

BLOCK 15950
LOT 29

BLOCK 15950
LOT 42

BLOCK 15950
LOT 55

MW-1i
MW-1s
SS-1
SS-4
MW-2
SS-7
MW-6s
MW-6i
SS-2
MW-9s
MW-9i
SS-5
SS-8
MW-4s
MW-10s
MW-3s
MW-3i
PZ-3
MW-4i
SS-3
SS-6
SS-9
MW-8s
MW-8i

Sample Point	SS-8	
Date	3/27/2015	
Depth	2-12"	12-24"
Mercury	1.5	1.9

Applicable Criteria (RR-RSCO)	mg/kg
Benzo(a)anthracene	1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	1
Dibenzo(a,h)anthracene	0.33
Indeno(1,2,3-cd)pyrene	0.5
Manganese	2000
Mercury	0.81

RR-RSCO = Restricted Residential-Restricted Use Soil Cleanup Objectives

Sample Point	SS-3
Date	3/27/2015
Depth	2-12"
Manganese	2,250

Sample Point	SS-9
Date	3/27/2015
Depth	12-24"
Benzo(a)anthracene	1.95
Benzo(a)pyrene	1.99
Benzo(b)fluoranthene	2.19
Dibenzo(a,h)anthracene	0.51
Indeno(1,2,3-cd)pyrene	1.64

PROPERTY LINE

CAPPED
RE-BAR SET

8' CHAIN LINK FENCE

ROCKAWAY FREEWAY

0 30
APPROXIMATE SCALE

LEGEND

MW-1 MONITOR WELL LOCATION

SS-1 SURFACE SOIL SAMPLING LOCATION

TRC ENVIRONMENTAL CORP.
41 Spring Street, Suite 102
New Providence, New Jersey 07974

REMAINING CONTAMINATION FIGURE -
SOIL SAMPLING RESULTS
RESTRICTED RESIDENTIAL USE EXCEEDANCES

CPB - FAR ROCKAWAY, NEW YORK

JOB NO.: 174788

PB/GB	DATE: AUGUST 2015	FIGURE: 4

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FAR ROCKAWAY BOULEVARD

CURB

SIDEWALK

TO BAY
32ND STREET

P.O.B.

8' CHAIN LINK FENCE

12' GATE

8' CHAIN LINK FENCE

6' CHAIN LINK FENCE

MW-1i

MW-1s

SS-1

SS-4

MW-2

SS-7

BLOCK 15950
LOT 24

BLOCK 15950
LOT 29

CAP AREA 2:
9,900 sq. ft

MW-6s

MW-6i

SS-2

MW-9s

MW-9i

SS-5

SS-8

8' CHAIN LINK FENCE

CAP AREA 1:
5,400 sq. ft

MW-4s

MW-10s

PZ-3

MW-4i

SS-3

MW-3s

MW-3i

SS-6

SS-9

MW-8s

MW-8i

PROPERTY LINE

BLOCK 15950
LOT 55

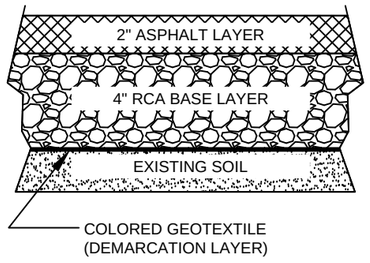
CAPPED
RE-BAR SET

8' CHAIN LINK FENCE

ROCKAWAY FREEWAY

0 30
APPROXIMATE SCALE

ASPHALT CAP DETAIL



LEGEND

MW-1 MONITOR WELL LOCATION

SS-1 SURFACE SOIL SAMPLING LOCATION

TRC ENVIRONMENTAL CORP.
41 Spring Street, Suite 102
New Providence, New Jersey 07974

TYPICAL COVER DETAILS
AND ENGINEERING CONTROL LOCATIONS

CPB - FAR ROCKAWAY, NEW YORK

JOB NO.: 174788

DL/GB	DATE: MARCH 2015	FIGURE: 5

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TABLES

Table 1 – Soil Cleanup Objectives (SCOs) for the Project

375-6.8 Soil cleanup objective tables.

(a) Unrestricted use soil cleanup objectives.

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
Metals		
Arsenic	7440-38-2	13 [c]
Barium	7440-39-3	350 [c]
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5 [c]
Chromium, hexavalent [e]	18540-29-9	1[b]
Chromium, trivalent [e]	16065-83-1	30 [c]
Copper	7440-50-8	50
Total Cyanide [e, f]		27
Lead	7439-92-1	63 [c]
Manganese	7439-96-5	1600 [c]
Total Mercury		0.18 [c]
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9[c]
Silver	7440-22-4	2
Zinc	7440-66-6	109 [c]
PCBs/Pesticides		
2,4,5-TP Acid (Silvex) [f]	93-72-1	3.8
4,4’-DDE	72-55-9	0.0033 [b]
4,4’-DDT	50-29-3	0.0033 [b]
4,4’-DDD	72-54-8	0.0033 [b]
Aldrin	309-00-2	0.005 [c]
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036
Chlordane (alpha)	5103-71-9	0.094

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
delta-BHC [g]	319-86-8	0.04
Dibenzofuran [f]	132-64-9	7
Dieldrin	60-57-1	0.005 [c]
Endosulfan I [d, f]	959-98-8	2.4
Endosulfan II [d, f]	33213-65-9	2.4
Endosulfan sulfate [d, f]	1031-07-8	2.4
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	0.1
Semivolatile organic compounds		
Acenaphthene	83-32-9	20
Acenapthylene [f]	208-96-8	100 [a]
Anthracene [f]	120-12-7	100 [a]
Benz(a)anthracene [f]	56-55-3	1[c]
Benzo(a)pyrene	50-32-8	1[c]
Benzo(b)fluoranthene [f]	205-99-2	1[c]
Benzo(g,h,i)perylene [f]	191-24-2	100
Benzo(k)fluoranthene [f]	207-08-9	0.8 [c]
Chrysene [f]	218-01-9	1[c]
Dibenz(a,h)anthracene [f]	53-70-3	0.33 [b]
Fluoranthene [f]	206-44-0	100 [a]
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene [f]	193-39-5	0.5 [c]
m-Cresol [f]	108-39-4	0.33 [b]
Naphthalene [f]	91-20-3	12
o-Cresol [f]	95-48-7	0.33 [b]

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
p-Cresol [f]	106-44-5	0.33 [b]
Pentachlorophenol	87-86-5	0.8 [b]
Phenanthrene [f]	85-01-8	100
Phenol	108-95-2	0.33 [b]
Pyrene [f]	129-00-0	100
Volatile organic compounds		
1,1,1-Trichloroethane [f]	71-55-6	0.68
1,1-Dichloroethane [f]	75-34-3	0.27
1,1-Dichloroethene [f]	75-35-4	0.33
1,2-Dichlorobenzene [f]	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02 [c]
cis -1,2-Dichloroethene [f]	156-59-2	0.25
trans-1,2-Dichloroethene [f]	156-60-5	0.19
1,3-Dichlorobenzene [f]	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1 [b]
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
n-Butylbenzene [f]	104-51-8	12
Carbon tetrachloride [f]	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene [f]	100-41-4	1
Hexachlorobenzene [f]	118-74-1	0.33[b]
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether [f]	1634-04-4	0.93
Methylene chloride	75-09-2	0.05

Table 375-6.8(a):Unrestricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Unrestricted Use
n - Propylbenzene [f]	103-65-1	3.9
sec-Butylbenzene [f]	135-98-8	11
tert-Butylbenzene [f]	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene [f]	95-63-6	3.6
1,3,5-Trimethylbenzene[f]	108-67-8	8.4
Vinyl chloride[f]	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26

All soil cleanup objectives (SCOs) are in parts per million (ppm).

Footnotes

[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm. See Technical Support Document (TSD), section 9.3.

[b] For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO value.

[c] For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

[d] SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.

[e] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

[f] Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) with “NS”. Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

(b) Restricted use soil cleanup objectives.

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000 [d]	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent [h]	18540-29-9	22	110	400	800	1[e]	19
Chromium, trivalent [h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000 [d]	50	1,720
Total Cyanide [h]		27	27	27	10,000 [d]	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96-5	2,000[f]	2,000[f]	10,000 [d]	10,000 [d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02-0	140	310	310	10,000 [d]	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9[f]	4[f]
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000 [d]	10,000 [d]	10,000 [d]	109[f]	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4'-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e]	17
4,4'-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e]	136
4,4'- DDD	72-54-8	2.6	13	92	180	0.0033 [e]	14
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[g]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[g]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07-8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Volatiles							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12

Table 375-6.8(b): Restricted Use Soil Cleanup Objectives

Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Methyl tert-butyl ether	1634-04-4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5- Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

All soil cleanup objectives (SCOs) are in parts per million (ppm).
NS=Not specified. See Technical Support Document (TSD).

Footnotes

[a] The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

[b] The SCOs for commercial use were capped at a maximum value of 500 ppm. See TSD section 9.3.

[c] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm. See TSD section 9.3.

[d] The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

[e] For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

[f] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

[g] This SCO is derived from data on mixed isomers of BHC.

[h] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

[i] This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.

[j] This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.

Table 2
Volatile Organic Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

	TRC Sample No.:	SS-1 (0-2")	SS-1 (2-12")	SS-1 (12-24")	SS-2 (0"-2")	SS-2 (12"-24")	SS-2 (2"-12")	SS-3 (0"-2")	SS-3 (12"-24")	SS-3 (2"-12")	SS-4 (0-2")	SS-4 (12-24")	SS-4 (2-12")	SS-5 (0"-2")	SS-5 (12"-24")	SS-5 (2"-12")
	Date Sampled:	1/19/2015	1/19/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	1/23/2015	1/23/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015
	Lab Sample ID:	JB86729-1	JB86729-2	JB87101-6	JB91085-2	JB91085-4	JB91085-3	JB91085-8	JB91085-10	JB91085-9	JB87101-7	JB87101-9	JB87101-8	JB91085-5	JB91085-7	JB91085-6
	Laboratory:	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest
VOCs by GCMS (mg/kg)	RR-RSCO															
Acetone	100	ND	ND	ND	ND	ND	ND	ND	ND	0.0193	ND	ND	ND	ND	ND	ND
Benzene	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	100	ND	ND	ND	ND	ND	ND	ND	ND	0.00094	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	-	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert Butyl Ether	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017 J	ND	0.0019 J
n-Propylbenzene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	21	ND	0.00058 J	0.0024 J	0.00065 J	0.0062	0.0022	0.0013	0.0018	0.0098	ND	0.00022 J	ND	ND	ND	ND
Trichlorofluoromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total	-	0	0.00058	0.0024	0.00065	0.0062	0.0022	0.0013	0.0018	0.03004	0	0.00022	0	0.0017	0	0.0019
Total VOC TICs	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total VOCs	-	0	0.00058	0.0024	0.00065	0.0062	0.0022	0.0013	0.0018	0.03004	0	0.00022	0	0.0017	0	0.0019

Notes:
ND = not detected.
NA = not analyzed.
J = estimated concentration detected below the Method Detection Limit.
RR-RSCO = Restricted Residential Restricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above RR-RSCO.

Table 2
Volatile Organic Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-6 (0"-2")		SS-6 (12"-24")		SS-6 (2"-12")		SS-7 (0-2")		SS-7 (0-2")(A)		SS-7 (12-24")		SS-7 (2-12")		SS-7 (2-12")(A)		SS-8 (0"-2")		SS-8 (12"-24")		SS-8 (2"-12")		SS-9 (0"-2")		SS-9 (12"-24")		SS-9 (2"-12")	
Date Sampled:		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB91085-11		JB91085-13		JB91085-12		JB87101-10		JB87101-11		JB87101-14		JB87101-12		JB87101-13		JB91085-17		JB91085-19		JB91085-18		JB91085-14		JB91085-16		JB91085-15	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
VOCs by GCMS (mg/kg)	RR-RSCO																												
Acetone	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzene	4.8	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromochloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromodichloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromoform	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromomethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Butanone (MEK)	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Butylbenzene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbon disulfide	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cyclohexane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibromochloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	13	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	26	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	3.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	41	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Freon 113	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Hexanone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Isopropylbenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Acetate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylcyclohexane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Tert Butyl Ether	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone(MIBK)	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene chloride	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Propylbenzene	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Styrene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	19	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	100	ND		0.00055	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,3-Trichlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	21	ND		0.003		0.00063	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.0027		0.00042	J
Trichlorofluoromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	0.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
m,p-Xylene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
o-Xylene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Xylene (total)	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0		0.00355		0.00063		0		0		0		0		0		0		0		0		0		0.0027		0.00042	
Total VOC TICs	-	0		0		0		0		0		0		0		0		0		0		0		0		0		0	
Total VOCs	-	0		0.00355		0.00063		0		0		0		0		0		0		0		0		0		0.0027		0.00042	

Notes:
ND = not detected.
NA = not analyzed.
J = estimated concentration detected below the M
RR-RSCO = Restricted Residential Restricted Use
Bold & Highlighted indicates concentration above

Table 2
Semi-Volatile Organic Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

	TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-24")		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (12-24")		SS-4 (2-12")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")	
	Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
	Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-9		JB87101-8		JB91085-5		JB91085-7		JB91085-6	
	Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
SVOCs by GCMS (mg/kg)	RR-RSCO	C-RSCO																													
2-Chlorophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloro-3-methyl phenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,6-Dinitro-o-cresol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3&4-Methylphenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Nitrophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pentachlorophenol	6.7		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenol	100		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,3,4,6-Tetrachlorophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	100		ND		ND		0.0216	J	ND		0.0142	J	0.0488		0.0194	J	ND		ND		0.0151	J	ND		ND		0.0235	J	ND		0.0161	J
Acenaphthylene	100		ND		ND		0.0224	J	0.0233	J	0.0332	J	0.0476		0.0634		0.0459		0.061		0.0531		0.0216	J	0.0468		0.0714		0.0541		0.0556	
Acetophenone	-		ND		ND		ND		ND		ND		0.0256	J	ND		ND		ND		0.0301	J	ND		ND		ND		ND		ND	
Anthracene	100		0.015	J	ND		0.0363		0.0323	J	0.0652		0.167		0.13		0.0597		0.0796		0.0684		0.0297	J	0.0513		0.124		0.0794		0.0916	
Atrazine	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	1		0.0857		0.0629		0.146		0.154		0.212		0.392		0.448		0.225		0.325		0.295		0.16		0.238		0.33		0.19		0.284	
Benzo(a)pyrene	1		0.101		0.069		0.165		0.181		0.268		0.421		0.522		0.293		0.412		0.347		0.187		0.308		0.4		0.209		0.313	
Benzo(b)fluoranthene	1		0.12		0.0957		0.202		0.22		0.316		0.488		0.614		0.345		0.477		0.422		0.239		0.365		0.449		0.246		0.383	
Benzo(g,h,i)perylene	100		0.0714		0.0611		0.133		0.151		0.215		0.299		0.401		0.286		0.334		0.302		0.16		0.283		0.324		0.156		0.228	
Benzo(k)fluoranthene	3.9		0.0468		0.029	J	0.0684		0.0709		0.0955		0.185		0.212		0.125		0.177		0.17		0.077		0.148		0.178		0.0761		0.118	
4-Bromophenyl phenyl ether	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Butyl benzyl phthalate	-		ND		0.0407	J	ND		ND		ND		ND		0.223		ND		ND		0.128		ND		0.0777		ND		ND		ND	
1,1'-Biphenyl	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzaldehyde	-		ND		ND		ND		ND		ND		0.0191	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Chloronaphthalene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbazole	-		ND		ND		0.0217	J	ND		0.0246	J	0.0477	J	0.0299	J	ND		0.0178	J	0.0296	J	ND		0.0221	J	0.0333	J	ND		0.0297	J
Caprolactam	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	3.9		0.096		0.0726		0.165		0.157		0.228		0.407		0.459		0.232		0.343		0.347		0.19		0.284		0.355		0.193		0.295	
bis(2-Chloroethoxy)methane	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Chloroethyl)ether	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Chloroisopropyl)ether	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chlorophenyl phenyl ether	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dioxane	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	0.33		0.0176	J	0.0145	J	0.031	J	0.0383		0.0531		0.0793		0.0943		0.0614		0.0778		0.0685		0.0386		0.0639		0.0796		0.0439		0.062	
Dibenzofuran	-		ND		ND		0.0202	J	ND		ND		0.0327	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butyl phthalate	-		ND		ND		0.0493	J	ND		ND		ND		ND		ND		ND		0.0494	J	ND		0.047	J	ND		ND		ND	
Di-n-octyl phthalate	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethyl phthalate	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dimethyl phthalate	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	-		ND		0.0817		1.62		0.0678	J	0.0867		0.0625	J	0.174		0.117		ND		0.306		ND		0.176		0.0783		0.187		0.114	
Fluoranthene	100		0.128		0.0931		0.305		0.233		0.376		0.795		0.747		0.255		0.402		0.523		0.251		0.387		0.58		0.303		0.506	
Fluorene	100		ND		ND		0.0207	J	ND		ND		0.0485		0.0229	J	ND		ND		0.0177	J	ND		ND		0.0201	J	ND		0.0175	J
Hexachlorobenzene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachloroethane	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5		0.071		0.0557		0.123		0.137		0.215		0.304		0.384		0.244		0.315		0.275		0.153		0.259		0.305		0.144		0.229	
Isophorone	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	-		ND		ND		0.0572	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Nitroaniline	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3-Nitroaniline	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitroaniline	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	100		ND		ND		0.0297	J	ND		ND		0.0197	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-Nitroso-di-n-propylamine	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-Nitrosodiphenylamine	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	100		0.0553		0.0302	J	0.248		0.0946		0.183		0.553		0.338		0.0668		0.112		0.215		0.109		0.163		0.258		0.119		0.213	
Pyrene	100		0.149		0.106		0.284		0.232		0.346		0.676		0.688		0.277		0.399		0.492		0.249		0.39		0.57		0.309		0.467	
1,2,4,5-Tetrachlorobenzene	-		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-		0.9568		0.8122		3.7695		1.7922		2.7315		5.1185		5.5699		2.6328		3.5322		4.1539		1.8649		3.3098		4.1792		2.3095		3.4225	
Total SVOC TICs	-		1.47	J	1.17	J	1.54	J	0.55	J	1.13	J	3.71	J	2.19	J	1.91	J	1.29	J	5.57	J	1.18	J	3.52	J	3.73	J	1.24	J	1.19	J
Total SVOCs	-		2.43		1.98		5.31		2.34		3.86		8.83		7.76		4.54		4.82		9.72		3.04		6.83		7.91		3.55		4.61	

Notes:
ND = not detected.
J = estimated concentration detected below the Method Detection Limit.
RR-RSCO = Restricted Residential Restricted Use Soil Cleanup Objectives
C-RSCO = Commercial Restricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above RR-RSCO.

Table 2
Semi-Volatile Organic Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

	TRC Da Lal	SS-6 (0"-2") 3/27/2015 JB91085-11 Accutest		SS-6 (12"-24") 3/27/2015 JB91085-13 Accutest		SS-6 (2"-12") 3/27/2015 JB91085-12 Accutest		SS-7 (0-2") 1/23/2015 JB87101-10 Accutest		SS-7 (0-2")(A) 1/23/2015 JB87101-11 Accutest		SS-7 (12-24") 1/23/2015 JB87101-14 Accutest		SS-7 (2-12") 1/23/2015 JB87101-12 Accutest		SS-7 (2-12")(A) 1/23/2015 JB87101-13 Accutest		SS-8 (0"-2") 3/27/2015 JB91085-17 Accutest		SS-8 (12"-24") 3/27/2015 JB91085-19 Accutest		SS-8 (2"-12") 3/27/2015 JB91085-18 Accutest		SS-9 (0"-2") 3/27/2015 JB91085-14 Accutest		SS-9 (12"-24") 3/27/2015 JB91085-16 Accutest		SS-9 (2"-12") 3/27/2015 JB91085-15 Accutest	
SVOCs by GCMS (mg/kg)	RR-RSCO																														
2-Chlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloro-3-methyl phenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,6-Dinitro-o-cresol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3&4-Methylphenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Nitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pentachlorophenol	6.7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenol	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,3,4,6-Tetrachlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	100	0.0152	J	ND		0.0188	J	ND		0.0091	J	ND		0.151		ND		ND		ND		0.0196	J	ND		0.0297	J	ND	
Acenaphthylene	100	0.0455		0.041		0.0355		0.0197	J	0.0218	J	ND		ND		ND		0.021	J	0.0237	J	0.0377	J	ND		0.386		0.026	J
Acetophenone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Anthracene	100	0.0779		0.0737		0.0847		0.0259	J	0.0333		ND		0.24		ND		0.0257	J	0.0292	J	0.0723		0.0155	J	0.672		0.055			
Atrazine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Benzo(a)anthracene	1	0.28		0.233		0.287		0.126		0.149		ND		0.5		0.0542		0.137		0.139		0.284		0.057		**1.95**		0.119			
Benzo(a)pyrene	1	0.318		0.246		0.286		0.156		0.193		ND		0.396		0.0646		0.161		0.163		0.295		0.0586		**1.99**		0.117			
Benzo(b)fluoranthene	1	0.372		0.301		0.343		0.197		0.229		ND		0.494		0.0846		0.205		0.215		0.378		0.0701		**2.19**		0.136			
Benzo(g,h,i)perylene	100	0.264		0.199		0.216		0.138		0.173		ND		0.199		0.0559		0.128		0.134		0.21		0.0468		1.86		0.074			
Benzo(k)fluoranthene	3.9	0.135		0.0856		0.116		0.0653		0.0833		ND		0.173		0.0321	J	0.067		0.0634		0.13		0.0234	J	0.795		0.0517			
4-Bromophenyl phenyl ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Butyl benzyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,1'-Biphenyl	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Benzaldehyde	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2-Chloronaphthalene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Chloroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Carbazole	-	0.0281	J	0.0224	J	0.0332	J	ND		0.0159	J	ND		0.157		ND		ND		ND		0.0352	J	ND		0.062	J	ND			
Caprolactam	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Chrysene	3.9	0.308		0.246		0.297		0.136		0.169		ND		0.541		0.0662		0.154		0.159		0.312		0.0634		2.25		0.128			
bis(2-Chloroethoxy)methane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
bis(2-Chloroethyl)ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
bis(2-Chloroisopropyl)ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Chlorophenyl phenyl ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,4-Dinitrotoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2,6-Dinitrotoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
3,3'-Dichlorobenzidine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
1,4-Dioxane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Dibenzo(a,h)anthracene	0.33	0.0557		0.0465		0.0565		0.0358		0.0465		ND		0.0663		0.0143	J	0.0335	J	0.0308	J	0.0595		ND		**0.507**		0.0171	J		
Dibenzofuran	-	ND		ND		ND		ND		ND		ND		0.0879		ND		ND		ND		0.0191	J	ND		0.021	J	ND			
Di-n-butyl phthalate	-	0.0918		0.0709	J	21.7		ND		ND		ND		ND		ND		ND		ND		ND		ND		0.28		0.0494	J		
Di-n-octyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Diethyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Dimethyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
bis(2-Ethylhexyl)phthalate	-	0.473		0.636		0.802		0.0911		0.0885		ND		ND		ND		0.14		0.0823		0.0902		0.0854		0.761		0.274			
Fluoranthene	100	0.502		0.391		0.496		0.211		0.256		ND		1.18		0.0896		0.257		0.261		0.578		0.092		1.78		0.216			
Fluorene	100	0.0153	J	ND		0.0178	J	ND		ND		ND		0.15		ND		ND		ND		0.0262	J	ND		0.0617		0.016	J		
Hexachlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Hexachlorobutadiene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Hexachlorocyclopentadiene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Hexachloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Indeno(1,2,3-cd)pyrene	0.5	0.234		0.174		0.206		0.133		0.164		ND		0.227		0.056		0.123		0.122		0.21		0.0458		**1.64**		0.0714			
Isophorone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
2-Methylnaphthalene	-	0.0245	J	0.0295	J	0.0277	J	ND		ND		ND		0.0375	J	ND		ND		ND		ND		ND		0.0216	J	ND			
2-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
3-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
4-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Naphthalene	100	0.0384		0.0224	J	0.0219	J	ND		ND		ND		0.023	J	ND		ND		ND		0.0224	J	ND		0.032	J	ND			
Nitrobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
N-Nitroso-di-n-propylamine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
N-Nitrosodiphenylamine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Phenanthrene	100	0.218		0.185		0.274		0.0889		0.115		ND		1.42		0.0373		0.0919		0.0931		0.29		0.045		0.708		0.122			
Pyrene	100	0.491		0.409		0.476		0.211		0.248		ND		1.06		0.0877		0.222		0.229		0.494		0.0989		3.13		0.194			
1,2,4,5-Tetrachlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND			
Total	-	3.9874		3.412		25.7951		1.6347		1.9944		0		7.1027		0.6425		1.7661		1.7445		3.5632		0.7019		21.127		1.6666			
Total SVOC TICs	-	3.09	J	1.31	J	1.97	J	2.46	J	3.1	J	0.26	J	1.81	J	1.12	J	2.57	J	1.15	J	3.24	J	0.17	J	7.71	J	1.13	J		
Total SVOCs	-	7.08		4.72		27.77		4.09		5.09		0.26		8.91		1.76		4.34		2.89		6.80		0.87		28.84		2.80			

Notes:
ND = not detected.
J = estimated concentration detected below the M
RR-RSCO = Restricted Residential Restricted Us
C-RSCO = Commercial Restricted Use Soil Clear
Bold & Highlighted indicates concentration above

Table 2
Pesticide Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-3/27/2015		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (12-24")		SS-4 (2-12")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")	
Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-9		JB87101-8		JB91085-5		JB91085-7		JB91085-6	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Pesticides by GC (mg/kg)	RR-RSCO																														
Aldrin	0.097	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-BHC	0.48	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
beta-BHC	0.36	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
delta-BHC	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindane)	1.3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	4.2	ND		ND		ND		0.0052	a	0.005	a	0.0125	a	0.0113	a	0.007	a	0.0112	a	0.0036	a	ND		0.002	a	0.003	a	0.0082		0.0124	a
gamma-Chlordane	-	ND		ND		ND		0.0048		0.0052		0.0095		0.0109		0.007		0.0108		0.0018	a	ND		0.0011		0.0021		0.0076		0.0118	
Dieldrin	0.2	ND		ND		ND		0.0025		ND		ND		0.0199		0.0125		0.0198		ND		ND		ND		ND		ND		0.0202	
4,4'-DDD	13	ND		ND		ND		ND		ND		ND		ND		0.00072		0.00089		ND		ND		ND		ND		ND		ND	
4,4'-DDE	8.9	ND		0.0022		0.0276		ND		ND		ND		0.0011	a	0.0013	a	0.0013	a	0.0027	a	ND		0.0075		ND		ND		0.0013	a
4,4'-DDT	7.9	0.0037	a	0.0046		0.0501		0.0094		ND		0.0098		0.0069		0.0023		0.0055		0.0146		0.0036		0.0267		ND		ND		0.0061	
Endrin	11	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan sulfate	24	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin aldehyde	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-I	24	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-II	24	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	2.1	ND		ND		ND		ND		ND		ND		0.0011		ND		0.0012		ND		ND		ND		ND		ND		0.0013	
Heptachlor epoxide	-	ND		ND		ND		0.00084		ND		ND		0.0013		0.00069		0.0012		0.0008		ND		ND		ND		ND		0.0014	
Methoxychlor	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin ketone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toxaphene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0.0037		0.0068		0.0777		0.02274		0.0102		0.0318		0.0525		0.03151		0.05189		0.0235		0.0036		0.0373		0.0051		0.0158		0.0545	

Notes:
ND = not detected.
a = more than 40% RPD for detected concentrations between the two GC columns.
RR-RSCO = Restricted Residential Restricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above RR-RSCO.

Table 2
Pesticide Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-6 (0"-2")		SS-6 (12"-24")		SS-6 (2"-12")		SS-7 (0-2")		SS-7 (0-2")(A)		SS-7 (12-24")		SS-7 (2-12")		SS-7 (2-12")(A)		SS-8 (0"-2")		SS-8 (12"-		SS-8 (2"-12")		SS-9 (0"-2")		SS-9 (12"-24")		SS-9 (2"-12")	
Date Sampled:		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB91085-11		JB91085-13		JB91085-12		JB87101-10		JB87101-11		JB87101-14		JB87101-12		JB87101-13		JB91085-17		JB91085-19		JB91085-18		JB91085-14		JB91085-16		JB91085-15	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Pesticides by GC (mg/kg)	RR-RSCO																												
Aldrin	0.097	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-BHC	0.48	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
beta-BHC	0.36	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
delta-BHC	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindane)	1.3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	4.2	0.003	a	0.004	a	0.0052	a	ND		ND		ND		ND		ND		ND		0.0036		0.0013		ND		ND		ND	
gamma-Chlordane	-	0.0027		0.0041		0.0051		ND		ND		ND		ND		ND		ND		0.0037		0.0013		ND		ND		ND	
Dieldrin	0.2	0.0012	a	0.0019	a	0.0029	a	ND		ND		ND		ND		ND		ND		0.0012		ND		ND		ND		ND	
4,4'-DDD	13	ND		0.0019		0.0013	a	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	8.9	0.002	a	0.0031	a	0.0015	a	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	7.9	0.0142		0.0129		0.0143		0.0023		0.0014		ND		ND		ND		0.003		0.0032		0.0016		0.0015		ND		0.0027	
Endrin	11	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan sulfate	24	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin aldehyde	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-I	24	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-II	24	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	2.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor epoxide	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methoxychlor	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin ketone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toxaphene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0.0231		0.0279		0.0303		0.0023		0.0014		0		0		0		0.003		0.0117		0.0042		0.0015		0		0.0027	

Notes:
ND = not detected.
a = more than 40% RPD for detected concentra
RR-RSCO = Restricted Residential Restricted I
Bold & Highlighted indicates concentration abc

Table 2
PCB Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-24")		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (2-12")		SS-4 (12-24")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")	
Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-8		JB87101-9		JB91085-5		JB91085-7		JB91085-6	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
PCBs by GC (mg/kg)	RSCO																														
Aroclor 1016	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1221	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1232	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1242	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1248	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1254	-	ND		ND		ND		ND		0.0647		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1260	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1268	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1262	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	1	0		0		0		0		0.0647		0		0		0		0		0		0		0		0		0		0	

Notes:
ND = not detected.
RR-RSCO = Restricted Residential Restricted Use Soil Cleanup Objectives

Table 2
PCB Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-6 (0"-2")		SS-6 (12"-12")		SS-6 (2"-12")		SS-7 (0-2")		SS-7 (0-2")(A)		SS-7 (2-12")		SS-7 (2-12")(A)		SS-7 (12-24")		SS-8 (0"-2")		SS-8 (12"-12")		SS-8 (2"-12")		SS-9 (0"-2")		SS-9 (12"-12")		SS-9 (2"-12")	
Date Sampled:		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB91085-11		JB91085-13		JB91085-12		JB87101-10		JB87101-11		JB87101-12		JB87101-13		JB87101-14		JB91085-17		JB91085-19		JB91085-18		JB91085-14		JB91085-16		JB91085-15	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
PCBs by GC (mg/kg)	RSCO																												
Aroclor 1016	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1221	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1232	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1242	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1248	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1254	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1260	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1268	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1262	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	1	0		0		0		0		0		0		0		0		0		0		0		0		0		0	

Notes:
ND = not detected.
RR-RSCO = Restricted Residential Restricted I

Table 2
Metal Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

	TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-24")		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (2-12")		SS-4 (12-24")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")	
	Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
	Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-8		JB87101-9		JB91085-5		JB91085-7		JB91085-6	
	Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Metals (mg/kg)	RR-RSCO	C-RSCO																														
Aluminum	-	-	1,870		2,920		2,950		3,020		3,600		4,080		4,670		4,560		6,410		2,560		2,340		2,500		4,400		3,890		4,920	
Antimony	-	-	ND		2.9		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arsenic	16	16	ND		11.8		4.1		2.4		3.5		2.6		3		3.2		11.1		4.2		3.3		3.8		4		3.2		4.6	
Barium	400	400	23.7		56.9		40.7		39.4		37		42.2		59.1		53.8		107		61.5		56.4		74.2		52.9		32.7		40.9	
Beryllium	72	590	ND		ND		ND		ND		ND		ND		0.24		ND		0.61		ND		ND		ND		0.22		ND		ND	
Cadmium	4.3	9.3	ND		0.52		0.91		ND		ND		ND		ND		ND		ND		0.7		0.59		0.59		ND		ND		ND	
Calcium	-	-	1,110		1,250		7,220		6,530		9,200		9,340		16,900		20,400		26,700		56,000		4,580		1,950		26,700		14,100		23,700	
Chromium	110	400	6		21.5		9.8		11.4		10.9		14.6		16.9		15.3		17.9		9.5		10.5		9.5		19.1		8.3		12.5	
Cobalt	-	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Copper	270	270	10		25.3		18.8		16.7		20.7		18.5		22.7		19.2		57.3		24.8		24.8		28.8		28.5		17.9		30.6	
Iron	-	-	3,560		13,400		4,880		5,270		6,800		6,930		8,770		8,950		15,300		6,220		5,660		9,170		10,600		6,720		8,630	
Lead	400	1000	77		149		123		79.1		108		102		108		80.4		88		185		183		210		98.8		67.1		85.8	
Magnesium	-	-	786		560		982		1,630		3,410		2,390		2,940		4,360		4,680		3,610		897		641		8,490		1,960		6,340	
Manganese	2000	10000	58.3		75.7		62.4		78.4		70.5		83.4		122		153		**2,250**		112		70.1		69.8		117		90.6		94.9	
Mercury	0.81	2.8	0.2		0.14		0.39		0.14		0.097		0.16		0.17		0.12		0.13		0.21		0.2		0.11		0.17		0.19		0.21	
Nickel	310	310	ND		6.3		8.1		8.6		8.4		11		34.6		22.6		32.2		11.3		11.5		7.7		29		9.1		29.1	
Potassium	-	-	ND		ND		ND		ND		ND		ND		ND		ND		1040		ND		ND		ND		ND		ND		ND	
Selenium	180	1500	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Silver	180	1500	ND		ND		ND		ND		ND		ND		ND		ND		1.1		ND		ND		ND		ND		ND		ND	
Sodium	-	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Thallium	-	-	ND		ND		ND		ND		ND		ND		ND		ND		<3.0	b	ND		ND		ND		ND		ND		ND	
Vanadium	-	-	7.1		30.8		9.7		10.6		15.4		16.1		21.7		16.3		22.5		11.3		10		10		21		16.1		18.3	
Zinc	10000	10000	75.7		124		93		74.3		122		83.1		98.7		77.3		679		156		136		154		111		73.9		95	
General Chemistry (%)																																
Solids, Percent			88.1		94.5		92		87		92.1		90.4		87.6		90.5		96.4		96.8		88.6		92.5		86.7		90.8		87.5	

Notes:
ND = not detected.
RR-RSCO = Restricted Residential Restricted Use Soil Cleanup Objectives
C-RSCO = Commercial Restriced Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above RR-RSCO.
b - Elevated detection limit due to dilution required for high interfering element.

Table 2
Metal Compounds in Soil (Restricted Use)
CPB Site
Far Rockaway, NY

	TRC Sample No.:		SS-6 (0"-2")	SS-6 (12"-24")	SS-6 (2"-12")	SS-7 (0-2")	SS-7 (0-2")(A)	SS-7 (2-12")	SS-7 (2-12")(A)	SS-7 (12-24")	SS-8 (0"-2")	SS-8 (12"-24")	SS-8 (2"-12")	SS-9 (0"-2")	SS-9 (12"-24")	SS-9 (2"-12")
	Date Sampled:		3/27/2015	3/27/2015	3/27/2015	1/23/2015	1/23/2015	1/23/2015	1/23/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015
	Lab Sample ID:		JB91085-11	JB91085-13	JB91085-12	JB87101-10	JB87101-11	JB87101-12	JB87101-13	JB87101-14	JB91085-17	JB91085-19	JB91085-18	JB91085-14	JB91085-16	JB91085-15
	Laboratory:		Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest
Metals (mg/kg)	RR-RSCO	C-RSCO														
Aluminum	-	-	4,570	4,050	3,970	2,300	2,340	1,800	1,730	1,160	3,450	4,920	3,760	3,820	3,140	3,540
Antimony	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	16	16	4	4.8	5	2.5	2.5	ND	ND	ND	3.2	4.1	2.9	2.7	4.3	2.8
Barium	400	400	107	130	82.4	33.2	ND	23.1	24.9	ND	54.6	93.4	65.1	42.2	80.6	41.2
Beryllium	72	590	0.59	0.24	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	4.3	9.3	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	-	-	10,400	9,780	14,000	1,140	1,000	ND	611	ND	2,560	8,310	5,760	1,660	28,700	1,470
Chromium	110	400	53.3	71.9	57.3	15.6	7.9	6.1	5.1	3.6	13.6	21.9	12	7.8	51.4	18.9
Cobalt	-	-	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	270	270	132	137	190	28.1	20.7	11.6	8.8	ND	46.2	53.3	44.5	24.2	130	42.4
Iron	-	-	10,100	9,770	14,700	7,080	5,450	3,920	2,980	2,000	7,520	9,680	6,190	10,100	12,700	6,400
Lead	400	1000	216	267	296	134	153	52.3	49.8	4.4	142	218	155	123	243	158
Magnesium	-	-	2,410	1,470	1,770	730	675	ND	ND	ND	1,110	2,640	1,290	1,290	8,800	743
Manganese	2000	10000	119	89.6	130	55.5	49	34.5	32.0	21.7	69.6	83.8	63	126	88.1	106
Mercury	0.81	2.8	0.34	0.53	0.65	0.17	0.22	0.24	0.074	ND	0.51	**1.9**	**1.5**	0.18	0.44	0.29
Nickel	310	310	202	291	244	8.4	7.8	ND	ND	ND	26.2	123	38.6	7.6	107	94.4
Potassium	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	180	1500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	180	1500	ND	ND	ND	ND	ND	ND	ND	ND	0.62	1.2	1.2	<0.54	0.59	<0.54
Sodium	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	-	-	19.9	29.7	23.1	17	9	6.4	6	ND	11.6	17.5	17.7	10.9	11.4	11
Zinc	10000	10000	583	297	564	102	99.1	47.2	49.7	17	200	293	195	97.6	313	138
General Chemistry (%)																
Solids, Percent			93.9	84.4	90.5	96.1	94.9	95.4	95.6	97.8	84.5	88	87.3	90.2	84.3	89.2

Notes:
ND = not detected.
RR-RSCO = Restricted Residential Restricted Use Soil Clea
C-RSCO = Commercial Restriced Use Soil Cleanup Objecti\
Bold & Highlighted indicates concentration above RR-RSC(
b - Elevated detection limit due to dilution required for high ir

Table 3
Volatile Organic Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-24")		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (12-24")		SS-4 (2-12")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")		SS-6 (0"-2")		SS-6 (12"-24")		SS-6 (2"-12")	
Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-9		JB87101-8		JB91085-5		JB91085-7		JB91085-6		JB91085-11		JB91085-13		JB91085-12	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
VOCs by GCMS (mg/kg)	USCO																																		
Acetone	0.05	ND		ND		ND		ND		ND		ND		ND		ND		0.0193		ND		ND		ND		ND		ND		ND		ND		ND	
Benzene	0.06	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromochloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromodichloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromoform	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Bromomethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Butanone (MEK)	0.12	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Butylbenzene	12	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
sec-Butylbenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
tert-Butylbenzene	5.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbon disulfide	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbon tetrachloride	0.76	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	1.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	0.37	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Cyclohexane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromo-3-chloropropane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibromochloromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dibromoethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	1.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3-Dichlorobenzene	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	1.8	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dichlorodifluoromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloroethane	0.02	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-Dichloroethene	0.25	ND		ND		ND		ND		ND		ND		ND		ND		0.00094		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	0.19	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2-Dichloropropane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,3-Dichloropropene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Freon 113	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Hexanone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Isopropylbenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
p-Isopropyltoluene	-	NA		NA		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Acetate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylcyclohexane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methyl Tert Butyl Ether	0.93	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methyl-2-pentanone(MIBK)	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene chloride	0.05	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		0.0017	J	ND		0.0019	J	ND		ND		ND	
n-Propylbenzene	3.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Styrene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	0.6	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	1.3	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	0.7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		0.00055	J	ND	
1,2,3-Trichlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trichlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,1-Trichloroethane	0.68	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2-Trichloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	0.47	ND		0.00058	J	0.0024	J	0.00065	J	0.0062		0.0022		0.0013		0.0018		0.0098		ND		0.00022	J	ND		ND		ND		ND		ND		0.003		0.00063	J
Trichlorofluoromethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,2,4-Trimethylbenzene	3.6	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,3,5-Trimethylbenzene	8.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vinyl chloride	0.02	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
m,p-Xylene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
o-Xylene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Xylene (total)	0.26	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0		0.00058		0.0024		0.00065		0.0062		0.0022		0.0013		0.0018		0.03004		0		0.00022		0		0.0017		0		0.0019		0		0.00355		0.00063	
Total VOC TICs	-	0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
Total VOCs	-	0		0.00058		0.0024		0.00065		0.0062		0.0022		0.0013		0.0018		0.03004		0		0.00022		0		0.0017		0		0.0019		0		0.00355		0.00063	

Notes:
ND = not detected.
NA = not analyzed.
J = estimated concentration detected below the Method Detection Limit.
USCO = Unrestricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above USCO.

Table 3
Volatile Organic Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-7 (0-2")	SS-7 (0-2")(A)	SS-7 (12-24")	SS-7 (2-12")	SS-7 (2-12")(A)	SS-8 (0"-2")	SS-8 (12"-24")	SS-8 (2"-12")	SS-9 (0"-2")	SS-9 (12"-24")	SS-9 (2"-12")
Date Sampled:		1/23/2015	1/23/2015	1/23/2015	1/23/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015
Lab Sample ID:		JB87101-10	JB87101-11	JB87101-14	JB87101-12	JB87101-13	JB91085-17	JB91085-19	JB91085-18	JB91085-14	JB91085-16	JB91085-15
Laboratory:		Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest
VOCs by GCMS (mg/kg)	USCO											
Acetone	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert Butyl Ether	0.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.47	ND	ND	ND	ND	ND	ND	ND	ND	0.0027	0.00042	J
Trichlorofluoromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	0.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total	-	0	0	0	0	0	0	0	0	0.0027	0.00042	
Total VOC TICs	-	0	0	0	0	0	0	0	0	0	0	
Total VOCs	-	0	0	0	0	0	0	0	0	0.0027	0.00042	

Notes:
ND = not detected.
NA = not analyzed.
J = estimated concentration detected below the
USCO = Unrestricted Use Soil Cleanup Objecti
Bold & Highlighted indicates concentration abo

Table 3
Semi-Volatile Organic Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (2"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (2"-24")		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (12-24")		SS-4 (2-12")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")	
Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-9		JB87101-8		JB91085-5		JB91085-7		JB91085-6	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
SVOCs by GCMS (mg/kg)	USCO																														
2-Chlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloro-3-methyl phenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,6-Dinitro-o-cresol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3&4-Methylphenol	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Nitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pentachlorophenol	0.8	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenol	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,3,4,6-Tetrachlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	20	ND		ND		0.0216	J	ND		0.0142	J	0.0488		0.0194	J	ND		ND		0.0151	J	ND		ND		0.0235	J	ND		0.0161	J
Acenaphthylene	100	ND		ND		0.0224	J	0.0233	J	0.0332	J	0.0476		0.0634		0.0459		0.061		0.0531		0.0216	J	0.0468		0.0714		0.0541		0.0556	
Acetophenone	-	ND		ND		ND		ND		ND		0.0256	J	ND		ND		ND		0.0301	J	ND		ND		ND		ND		ND	
Anthracene	100	0.015	J	ND		0.0363		0.0323	J	0.0652		0.167		0.13		0.0597		0.0796		0.0684		0.0297	J	0.0513		0.124		0.0794		0.0916	
Atrazine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	0.0857		0.0629		0.146		0.154		0.212		0.392		0.448		0.225		0.325		0.295		0.16		0.238		0.33		0.19		0.284	
Benzo(a)pyrene	1	0.101		0.069		0.165		0.181		0.268		0.421		0.522		0.293		0.412		0.347		0.187		0.308		0.4		0.209		0.313	
Benzo(b)fluoranthene	1	0.12		0.0957		0.202		0.22		0.316		0.488		0.614		0.345		0.477		0.422		0.239		0.365		0.449		0.246		0.383	
Benzo(g,h,i)perylene	100	0.0714		0.0611		0.133		0.151		0.215		0.299		0.401		0.286		0.334		0.302		0.16		0.283		0.324		0.156		0.228	
Benzo(k)fluoranthene	0.8	0.0468		0.029	J	0.0684		0.0709		0.0955		0.185		0.212		0.125		0.177		0.17		0.077		0.148		0.178		0.0761		0.118	
4-Bromophenyl phenyl ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Butyl benzyl phthalate	-	ND		0.0407	J	ND		ND		ND		ND		0.223		ND		ND		0.128		ND		0.0777		ND		ND		ND	
1,1'-Biphenyl	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzaldehyde	-	ND		ND		ND		ND		ND		0.0191	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Chloronaphthalene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbazole	-	ND		ND		0.0217	J	ND		0.0246	J	0.0477	J	0.0299	J	ND		0.0178	J	0.0296	J	ND		0.0221	J	0.0333	J	ND		0.0297	J
Caprolactam	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	1	0.096		0.0726		0.165		0.157		0.228		0.407		0.459		0.232		0.343		0.347		0.19		0.284		0.355		0.193		0.295	
bis(2-Chloroethoxy)methane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Chloroethyl)ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Chloroisopropyl)ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chlorophenyl phenyl ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dioxane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	0.33	0.0176	J	0.0145	J	0.031	J	0.0383		0.0531		0.0793		0.0943		0.0614		0.0778		0.0685		0.0386		0.0639		0.0796		0.0439		0.062	
Dibenzofuran	7	ND		ND		0.0202	J	ND		ND		0.0327	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butyl phthalate	-	ND		ND		0.0493	J	ND		ND		ND		ND		ND		ND		0.0494	J	ND		0.047	J	ND		ND		ND	
Di-n-octyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dimethyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	-	ND		0.0817		1.62		0.0678	J	0.0867		0.0625	J	0.174		0.117		ND		0.306		ND		0.176		0.0783		0.187		0.114	
Fluoranthene	100	0.128		0.0931		0.305		0.233		0.376		0.795		0.747		0.255		0.402		0.523		0.251		0.387		0.58		0.303		0.506	
Fluorene	30	ND		ND		0.0207	J	ND		ND		0.0485		0.0229	J	ND		ND		0.0177	J	ND		ND		0.0201	J	ND		0.0175	J
Hexachlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.071		0.0557		0.123		0.137		0.215		0.304		0.384		0.244		0.315		0.275		0.153		0.259		0.305		0.144		0.229	
Isophorone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	-	ND		ND		0.0572	J	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	12	ND		ND		0.0297	J	ND		ND		0.0197	J	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-Nitroso-di-n-propylamine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-Nitrosodiphenylamine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	100	0.0553		0.0302	J	0.248		0.0946		0.183		0.553		0.338		0.0668		0.112		0.215		0.109		0.163		0.258		0.119		0.213	
Pyrene	100	0.149		0.106		0.284		0.232		0.346		0.676		0.688		0.277		0.399		0.492		0.249		0.39		0.57		0.309		0.467	
1,2,4,5-Tetrachlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0.9568		0.8122		3.7695		1.7922		2.7315		5.1185		5.5699		2.6328		3.5322		4.1539		1.8649		3.3098		4.1792		2.3095		3.4225	
Total SVOC TICs	-	1.47	J	1.17	J	1.54	J	0.55	J	1.13	J	3.71	J	2.19	J	1.91	J	1.29	J	5.57	J	1.18	J	3.52	J	3.73	J	1.24	J	1.19	J
Total SVOCs	-	2.43		1.98		5.31		2.34		3.86		8.83		7.76		4.54		4.82		9.72		3.04		6.83		7.91		3.55		4.61	

Notes:
ND = not detected.
J = estimated concentration detected below the Method Detection Limit.
USCO = Unrestricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above USCO.

Table 3
Semi-Volatile Organic Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-6 (0"-2")		SS-6 (12"-24")		SS-6 (2"-12")		SS-7 (0-2")		SS-7 (0-2")(A)		SS-7 (12-24")		SS-7 (2-12")		SS-7 (2-12")(A)		SS-8 (0"-2")		SS-8 (12"-24")		SS-8 (2"-12")		SS-9 (0"-2")		SS-9 (12"-24")		SS-9 (2"-12")	
Date Sampled:		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB91085-11		JB91085-13		JB91085-12		JB87101-10		JB87101-11		JB87101-14		JB87101-12		JB87101-13		JB91085-17		JB91085-19		JB91085-18		JB91085-14		JB91085-16		JB91085-15	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
SVOCs by GCMS (mg/kg)	USCO																												
2-Chlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloro-3-methyl phenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,6-Dinitro-o-cresol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3&4-Methylphenol	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Nitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pentachlorophenol	0.8	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenol	0.33	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,3,4,6-Tetrachlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,5-Trichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4,6-Trichlorophenol	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	20	0.0152	J	ND		0.0188	J	ND		0.0091	J	ND		0.151		ND		ND		ND		0.0196	J	ND		0.0297	J	ND	
Acenaphthylene	100	0.0455		0.041		0.0355		0.0197	J	0.0218	J	ND		ND		ND		0.021	J	0.0237	J	0.0377	J	ND		0.386		0.026	J
Acetophenone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	100	0.0779		0.0737		0.0847		0.0259	J	0.0333		ND		0.24		ND		0.0257	J	0.0292	J	0.0723		0.0155	J	0.672		0.055	
Atrazine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	1	0.28		0.233		0.287		0.126		0.149		ND		0.5		0.0542		0.137		0.139		0.284		0.057		**1.95**		0.119	
Benzo(a)pyrene	1	0.318		0.246		0.286		0.156		0.193		ND		0.396		0.0646		0.161		0.163		0.295		0.0586		**1.99**		0.117	
Benzo(b)fluoranthene	1	0.372		0.301		0.343		0.197		0.229		ND		0.494		0.0846		0.205		0.215		0.378		0.0701		**2.19**		0.136	
Benzo(g,h,i)perylene	100	0.264		0.199		0.216		0.138		0.173		ND		0.199		0.0559		0.128		0.134		0.21		0.0468		1.86		0.074	
Benzo(k)fluoranthene	0.8	0.135		0.0856		0.116		0.0653		0.0833		ND		0.173		0.0321	J	0.067		0.0634		0.13		0.0234	J	0.795		0.0517	
4-Bromophenyl phenyl ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Butyl benzyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1'-Biphenyl	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzaldehyde	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Chloronaphthalene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Carbazole	-	0.0281	J	0.0224	J	0.0332	J	ND		0.0159	J	ND		0.157		ND		ND		ND		0.0352	J	ND		0.062	J	ND	
Caprolactam	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	1	0.308		0.246		0.297		0.136		0.169		ND		0.541		0.0662		0.154		0.159		0.312		0.0634		**2.25**		0.128	
bis(2-Chloroethoxy)methane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Chloroethyl)ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Chloroisopropyl)ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chlorophenyl phenyl ether	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dinitrotoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,6-Dinitrotoluene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dioxane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	0.33	0.0557		0.0465		0.0565		0.0358		0.0465		ND		0.0663		0.0143	J	0.0335	J	0.0308	J	0.0595		ND		**0.507**		0.0171	J
Dibenzofuran	7	ND		ND		ND		ND		ND		ND		0.0879		ND		ND		ND		0.0191	J	ND		0.021	J	ND	
Di-n-butyl phthalate	-	0.0918		0.0709	J	21.7		ND		ND		ND		ND		ND		ND		ND		ND		ND		0.28		0.0494	J
Di-n-octyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dimethyl phthalate	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	-	0.473		0.636		0.802		0.0911		0.0885		ND		ND		ND		0.14		0.0823		0.0902		0.0854		0.761		0.274	
Fluoranthene	100	0.502		0.391		0.496		0.211		0.256		ND		1.18		0.0896		0.257		0.261		0.578		0.092		1.78		0.216	
Fluorene	30	0.0153	J	ND		0.0178	J	ND		ND		ND		0.15		ND		ND		ND		0.0262	J	ND		0.0617		0.016	J
Hexachlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobutadiene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorocyclopentadiene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachloroethane	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.5	0.234		0.174		0.206		0.133		0.164		ND		0.227		0.056		0.123		0.122		0.21		0.0458		**1.64**		0.0714	
Isophorone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	-	0.0245	J	0.0295	J	0.0277	J	ND		ND		ND		0.0375	J	ND		ND		ND		ND		ND		0.0216	J	ND	
2-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
3-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitroaniline	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	12	0.0384		0.0224	J	0.0219	J	ND		ND		ND		0.023	J	ND		ND		ND		0.0224	J	ND		0.032	J	ND	
Nitrobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-Nitroso-di-n-propylamine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
N-Nitrosodiphenylamine	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	100	0.218		0.185		0.274		0.0889		0.115		ND		1.42		0.0373		0.0919		0.0931		0.29		0.045		0.708		0.122	
Pyrene	100	0.491		0.409		0.476		0.211		0.248		ND		1.06		0.0877		0.222		0.229		0.494		0.0989		3.13		0.194	
1,2,4,5-Tetrachlorobenzene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	3.9874		3.412		25.7951		1.6347		1.9944		0		7.1027		0.6425		1.7661		1.7445		3.5632		0.7019		21.127		1.6666	
Total SVOC TICs	-	3.09	J	1.31	J	1.97	J	2.46	J	3.1	J	0.26	J	1.81	J	1.12	J	2.57	J	1.15	J	3.24	J	0.17	J	7.71	J	1.13	J
Total SVOCs	-	7.08		4.72		27.77		4.09		5.09		0.26		8.91		1.76		4.34		2.89		6.80		0.87		28.84		2.80	

Notes:
ND = not detected.
J = estimated concentration detected below the
USCO = Unrestricted Use Soil Cleanup Objecti
Bold & Highlighted indicates concentration abo

Table 3
Pesticide Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-24")		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-24")		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (12-24")		SS-4 (2-12")		SS-5 (0"-2")		SS-5 (12"-24")		SS-5 (2"-12")	
Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-9		JB87101-8		JB91085-5		JB91085-7		JB91085-6	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Pesticides by GC (mg/kg)	USCO																														
Aldrin	0.005	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-BHC	0.02	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
beta-BHC	0.036	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
delta-BHC	0.04	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindane)	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	0.91	ND		ND		ND		0.0052	a	0.005	a	0.0125	a	0.0113	a	0.007	a	0.0112	a	0.0036	a	ND		0.002	a	0.003	a	0.0082		0.0124	a
gamma-Chlordane	-	ND		ND		ND		0.0048		0.0052		0.0095		0.0109		0.007		0.0108		0.0018	a	ND		0.0011		0.0021		0.0076		0.0118	
Dieldrin	0.005	ND		ND		ND		0.0025		ND		ND		**0.0199**		**0.0125**		**0.0198**		ND		ND		ND		ND		ND		**0.0202**	
4,4'-DDD	0.0033	ND		ND		ND		ND		ND		ND		ND		0.00072		0.00089		ND		ND		ND		ND		ND		ND	
4,4'-DDE	0.0033	ND		0.0022		**0.0276**		ND		ND		ND		0.0011	a	0.0013	a	0.0013	a	0.0027	a	ND		**0.0075**		ND		ND		0.0013	a
4,4'-DDT	0.0033	**0.0037**	a	**0.0046**		**0.0501**		**0.0094**		ND		**0.0098**		**0.0069**		0.0023		**0.0055**		**0.0146**		**0.0036**		**0.0267**		ND		ND		**0.0061**	
Endrin	0.014	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan sulfate	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin aldehyde	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-I	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-II	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.042	ND		ND		ND		ND		ND		ND		0.0011		ND		0.0012		ND		ND		ND		ND		ND		0.0013	
Heptachlor epoxide	-	ND		ND		ND		0.00084		ND		ND		0.0013		0.00069		0.0012		0.0008		ND		ND		ND		ND		0.0014	
Methoxychlor	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin ketone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toxaphene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0.0037		0.0068		0.0777		0.02274		0.0102		0.0318		0.0525		0.03151		0.05189		0.0235		0.0036		0.0373		0.0051		0.0158		0.0545	

Notes:
ND = not detected.
a = more than 40% RPD for detected concentrations between the two GC columns.
USCO = Unrestricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above uSCO.

Table 3
Pesticide Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-6 (0"-2")		SS-6 (12"-24")		SS-6 (2"-12")		SS-7 (0-2")		SS-7 (0-2")(A)		SS-7 (12-24")		SS-7 (2-12")		SS-7 (2-12")(A)		SS-8 (0"-2")		SS-8 (12"-		SS-8 (2"-12")		SS-9 (0"-2")		SS-9 (12"-24")		SS-9 (2"-12")	
Date Sampled:		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB91085-11		JB91085-13		JB91085-12		JB87101-10		JB87101-11		JB87101-14		JB87101-12		JB87101-13		JB91085-17		JB91085-19		JB91085-18		JB91085-14		JB91085-16		JB91085-15	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
Pesticides by GC (mg/kg)	USCO																												
Aldrin	0.005	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-BHC	0.02	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
beta-BHC	0.036	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
delta-BHC	0.04	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-BHC (Lindane)	0.1	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	0.91	0.003	a	0.004	a	0.0052	a	ND		ND		ND		ND		ND		ND		0.0036		0.0013		ND		ND		ND	
gamma-Chlordane	-	0.0027		0.0041		0.0051		ND		ND		ND		ND		ND		ND		0.0037		0.0013		ND		ND		ND	
Dieldrin	0.005	0.0012	a	0.0019	a	0.0029	a	ND		ND		ND		ND		ND		ND		0.0012		ND		ND		ND		ND	
4,4'-DDD	0.0033	ND		0.0019		0.0013	a	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	0.0033	0.002	a	0.0031	a	0.0015	a	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	0.0033	**0.0142**		**0.0129**		**0.0143**		0.0023		0.0014		ND		ND		ND		0.003		0.0032		0.0016		0.0015		ND		0.0027	
Endrin	0.014	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan sulfate	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin aldehyde	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-I	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan-II	2.4	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor epoxide	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methoxychlor	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin ketone	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toxaphene	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	-	0.0231		0.0279		0.0303		0.0023		0.0014		0		0		0		0.003		0.0117		0.0042		0.0015		0		0.0027	

Notes:
ND = not detected.
a = more than 40% RPD for detected concentra
USCO = Unrestricted Use Soil Cleanup Objecti
Bold & Highlighted indicates concentration abo

Table 3
PCB Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")		SS-1 (2-12")		SS-1 (12-24")		SS-2 (0"-2")		SS-2 (12"-)		SS-2 (2"-12")		SS-3 (0"-2")		SS-3 (12"-)		SS-3 (2"-12")		SS-4 (0-2")		SS-4 (2-12")		SS-4 (12-24")		SS-5 (0"-2")		SS-5 (12"-)		SS-5 (2"-12")	
Date Sampled:		1/19/2015		1/19/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB86729-1		JB86729-2		JB87101-6		JB91085-2		JB91085-4		JB91085-3		JB91085-8		JB91085-10		JB91085-9		JB87101-7		JB87101-8		JB87101-9		JB91085-5		JB91085-7		JB91085-6	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
PCBs by GC (mg/kg)	USCO																														
Aroclor 1016	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1221	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1232	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1242	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1248	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1254	-	ND		ND		ND		ND		0.0647		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1260	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1268	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1262	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	0.1	0		0		0		0		0.0647		0		0		0		0		0		0		0		0		0		0	

Notes:
ND = not detected.
USCO = Unrestricted Use Soil Cleanup Objectives

Table 3
PCB Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-6 (0"-2")		SS-6 (12"-)		SS-6 (2"-12")		SS-7 (0-2")		SS-7 (0-2")(A)		SS-7 (2-12")		SS-7 (2-12")(A)		SS-7 (12-24")		SS-8 (0"-2")		SS-8 (12"-)		SS-8 (2"-12")		SS-9 (0"-2")		SS-9 (12"-)		SS-9 (2"-12")	
Date Sampled:		3/27/2015		3/27/2015		3/27/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		1/23/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015		3/27/2015	
Lab Sample ID:		JB91085-11		JB91085-13		JB91085-12		JB87101-10		JB87101-11		JB87101-12		JB87101-13		JB87101-14		JB91085-17		JB91085-19		JB91085-18		JB91085-14		JB91085-16		JB91085-15	
Laboratory:		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest		Accutest	
PCBs by GC (mg/kg)	USCO																												
Aroclor 1016	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1221	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1232	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1242	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1248	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1254	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1260	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1268	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Aroclor 1262	-	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total	0.1	0		0		0		0		0		0		0		0		0		0		0		0		0		0	

Notes:
ND = not detected.
USCO = Unrestricted Use Soil Cleanup Objecti

Table 3
Metal Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

TRC Sample No.:		SS-1 (0-2")	SS-1 (2-12")	SS-1 (12-24")	SS-2 (0"-2")	SS-2 (12"-24")	SS-2 (2"-12")	SS-3 (0"-2")	SS-3 (12"-24")	SS-3 (2"-12")	SS-4 (0-2")	SS-4 (2-12")	SS-4 (12-24")	SS-5 (0"-2")	SS-5 (12"-24")	SS-5 (2"-12")
Date Sampled:		1/19/2015	1/19/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	1/23/2015	1/23/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015
Lab Sample ID:		JB86729-1	JB86729-2	JB87101-6	JB91085-2	JB91085-4	JB91085-3	JB91085-8	JB91085-10	JB91085-9	JB87101-7	JB87101-8	JB87101-9	JB91085-5	JB91085-7	JB91085-6
Laboratory:		Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest
Metals (mg/kg)	USCO															
Aluminum	-	1,870	2,920	2,950	3,020	3,600	4,080	4,670	4,560	6,410	2,560	2,340	2,500	4,400	3,890	4,920
Antimony	-	ND	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	13	ND	11.8	4.1	2.4	3.5	2.6	3	3.2	11.1	4.2	3.3	3.8	4	3.2	4.6
Barium	350	23.7	56.9	40.7	39.4	37	42.2	59.1	53.8	107	61.5	56.4	74.2	52.9	32.7	40.9
Beryllium	7.2	ND	ND	ND	ND	ND	ND	0.24	ND	0.61	ND	ND	ND	0.22	ND	ND
Cadmium	2.5	ND	0.52	0.91	ND	ND	ND	ND	ND	ND	0.7	0.59	0.59	ND	ND	ND
Calcium	-	1,110	1,250	7,220	6,530	9,200	9,340	16,900	20,400	26,700	56,000	4,580	1,950	26,700	14,100	23,700
Chromium	30	6	21.5	9.8	11.4	10.9	14.6	16.9	15.3	17.9	9.5	10.5	9.5	19.1	8.3	12.5
Cobalt	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	50	10	25.3	18.8	16.7	20.7	18.5	22.7	19.2	**57.3**	24.8	24.8	28.8	28.5	17.9	30.6
Iron	-	3,560	13,400	4,880	5,270	6,800	6,930	8,770	8,950	15,300	6,220	5,660	9,170	10,600	6,720	8,630
Lead	63	**77**	**149**	**123**	**79.1**	**108**	**102**	**108**	**80.4**	**88**	**185**	**183**	**210**	**98.8**	**67.1**	**85.8**
Magnesium	-	786	560	982	1,630	3,410	2,390	2,940	4,360	4,680	3,610	897	641	8,490	1,960	6,340
Manganese	1600	58.3	75.7	62.4	78.4	70.5	83.4	122	153	**2250**	112	70.1	69.8	117	90.6	94.9
Mercury	0.18	**0.2**	0.14	**0.39**	0.14	0.097	0.16	0.17	0.12	0.13	**0.21**	**0.2**	0.11	0.17	**0.19**	**0.21**
Nickel	30	ND	6.3	8.1	8.6	8.4	11	**34.6**	22.6	**32.2**	11.3	11.5	7.7	29	9.1	29.1
Potassium	-	ND	ND	ND	ND	ND	ND	ND	ND	1040	ND	ND	ND	ND	ND	ND
Selenium	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND
Sodium	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	-	ND	ND	ND	ND	ND	ND	ND	ND	<3.0 b	ND	ND	ND	ND	ND	ND
Vanadium	-	7.1	30.8	9.7	10.6	15.4	16.1	21.7	16.3	22.5	11.3	10	10	21	16.1	18.3
Zinc	109	75.7	**124**	93	74.3	**122**	83.1	98.7	77.3	**679**	**156**	**136**	**154**	**111**	73.9	95
General Chemistry (%)																
Solids, Percent		88.1	94.5	92	87	92.1	90.4	87.6	90.5	96.4	96.8	88.6	92.5	86.7	90.8	87.5

Notes:
ND = not detected.
USCO = Unrestricted Use Soil Cleanup Objectives
Bold & Highlighted indicates concentration above USCO.
b - Elevated detection limit due to dilution required for high interfering element.

Table 3
Metal Compounds in Soil (Unrestricted Use)
CPB Site
Far Rockaway, NY

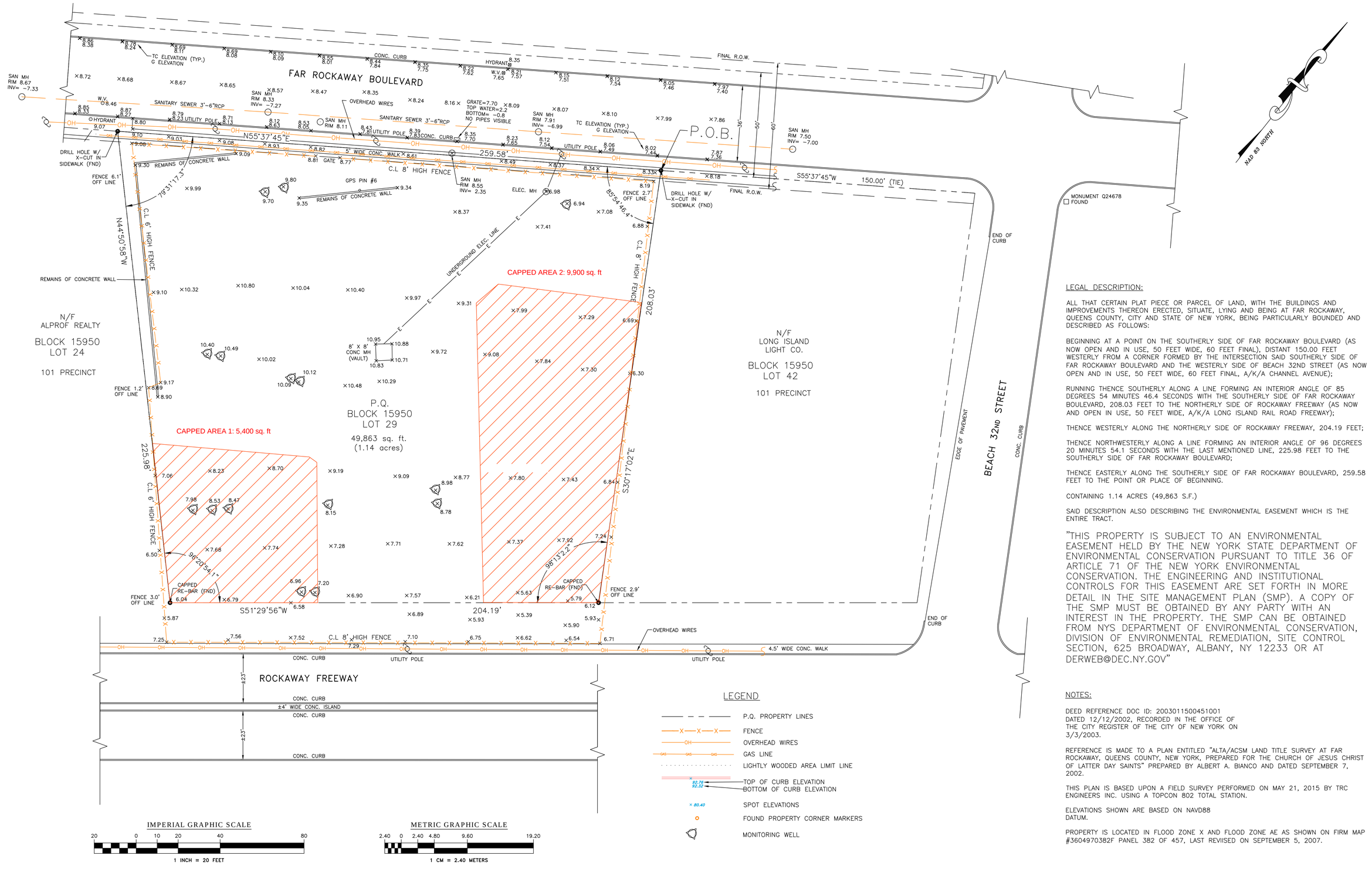
TRC Sample No.:		SS-6 (0"-2")	SS-6 (12"-24")	SS-6 (2"-12")	SS-7 (0-2")	SS-7 (0-2")(A)	SS-7 (2-12")	SS-7 (2-12")(A)	SS-7 (12-24")	SS-8 (0"-2")	SS-8 (12"-24")	SS-8 (2"-12")	SS-9 (0"-2")	SS-9 (12"-24")	SS-9 (2"-12")
Date Sampled:		3/27/2015	3/27/2015	3/27/2015	1/23/2015	1/23/2015	1/23/2015	1/23/2015	1/23/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015	3/27/2015
Lab Sample ID:		JB91085-11	JB91085-13	JB91085-12	JB87101-10	JB87101-11	JB87101-12	JB87101-13	JB87101-14	JB91085-17	JB91085-19	JB91085-18	JB91085-14	JB91085-16	JB91085-15
Laboratory:		Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest	Accutest
Metals (mg/kg)	USCO														
Aluminum	-	4,570	4,050	3,970	2,300	2,340	1,800	1,730	1,160	3,450	4,920	3,760	3,820	3,140	3,540
Antimony	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	13	4	4.8	5	2.5	2.5	ND	ND	ND	3.2	4.1	2.9	2.7	4.3	2.8
Barium	350	107	130	82.4	33.2	ND	23.1	24.9	ND	54.6	93.4	65.1	42.2	80.6	41.2
Beryllium	7.2	0.59	0.24	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	ND	ND	ND	**4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	-	10,400	9,780	14,000	1,140	1,000	ND	611	ND	2,560	8,310	5,760	1,660	28,700	1,470
Chromium	30	**53.3**	**71.9**	**57.3**	15.6	7.9	6.1	5.1	3.6	13.6	21.9	12	7.8	**51.4**	18.9
Cobalt	-	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	50	**132**	**137**	**190**	28.1	20.7	11.6	8.8	ND	46.2	**53.3**	44.5	24.2	**130**	42.4
Iron	-	10,100	9,770	14,700	7,080	5,450	3,920	2,980	2,000	7,520	9,680	6,190	10,100	12,700	6,400
Lead	63	**216**	**267**	**296**	**134**	**153**	52.3	49.8	4.4	**142**	**218**	**155**	**123**	**243**	**158**
Magnesium	-	2,410	1,470	1,770	730	675	ND	ND	ND	1,110	2,640	1,290	1,290	8,800	743
Manganese	1600	119	89.6	130	55.5	49	34.5	32.0	21.7	69.6	83.8	63	126	88.1	106
Mercury	0.18	**0.34**	**0.53**	**0.65**	0.17	**0.22**	**0.24**	0.074	ND	**0.51**	**1.9**	**1.5**	0.18	**0.44**	**0.29**
Nickel	30	**202**	**291**	**244**	8.4	7.8	ND	ND	ND	26.2	**123**	**38.6**	7.6	**107**	**94.4**
Potassium	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	ND	ND	ND	ND	ND	ND	ND	ND	0.62	1.2	1.2	<0.54	0.59	<0.54
Sodium	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	-	19.9	29.7	23.1	17	9	6.4	6	ND	11.6	17.5	17.7	10.9	11.4	11
Zinc	109	**583**	**297**	**564**	102	99.1	47.2	49.7	17	**200**	**293**	**195**	97.6	**313**	**138**
General Chemistry (%)															
Solids, Percent		93.9	84.4	90.5	96.1	94.9	95.4	95.6	97.8	84.5	88	87.3	90.2	84.3	89.2

Notes:
ND = not detected.
USCO = Unrestricted Use Soil Cleanup Objecti
Bold & Highlighted indicates concentration abo
b - Elevated detection limit due to dilution requir

APPENDICES

Appendix A

Survey Map, Metes and Bounds



IMPERIAL GRAPHIC SCALE

20 0 10 20 40 80

1 INCH = 20 FEET

METRIC GRAPHIC SCALE

2.40 0 2.40 4.80 9.60 19.20

1 CM = 2.40 METERS

LEGEND

- P.Q. PROPERTY LINES
- FENCE
- OVERHEAD WIRES
- GAS LINE
- LIGHTLY WOODED AREA LIMIT LINE
- TOP OF CURB ELEVATION (92.76)
- BOTTOM OF CURB ELEVATION (92.52)
- SPOT ELEVATIONS (× 80.40)
- FOUND PROPERTY CORNER MARKERS
- MONITORING WELL

LEGAL DESCRIPTION:

ALL THAT CERTAIN PLAT PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING AT FAR ROCKAWAY, QUEENS COUNTY, CITY AND STATE OF NEW YORK, BEING PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL), DISTANT 150.00 FEET WESTERLY FROM A CORNER FORMED BY THE INTERSECTION SAID SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD AND THE WESTERLY SIDE OF BEACH 32ND STREET (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL, A/K/A CHANNEL AVENUE);

RUNNING THENCE SOUTHERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 85 DEGREES 54 MINUTES 46.4 SECONDS WITH THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 208.03 FEET TO THE NORTHERLY SIDE OF ROCKAWAY FREEWAY (AS NOW AND OPEN IN USE, 50 FEET WIDE, A/K/A LONG ISLAND RAIL ROAD FREEWAY);

THENCE WESTERLY ALONG THE NORTHERLY SIDE OF ROCKAWAY FREEWAY, 204.19 FEET;

THENCE NORTHWESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 96 DEGREES 20 MINUTES 54.1 SECONDS WITH THE LAST MENTIONED LINE, 225.98 FEET TO THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD;

THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 259.58 FEET TO THE POINT OR PLACE OF BEGINNING.

CONTAINING 1.14 ACRES (49,863 S.F.)

SAID DESCRIPTION ALSO DESCRIBING THE ENVIRONMENTAL EASEMENT WHICH IS THE ENTIRE TRACT.

"THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV"

NOTES:

DEED REFERENCE DOC ID: 2003011500451001 DATED 12/12/2002, RECORDED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK ON 3/3/2003.

REFERENCE IS MADE TO A PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY AT FAR ROCKAWAY, QUEENS COUNTY, NEW YORK, PREPARED FOR THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS" PREPARED BY ALBERT A. BIANCO AND DATED SEPTEMBER 7, 2002.

THIS PLAN IS BASED UPON A FIELD SURVEY PERFORMED ON MAY 21, 2015 BY TRC ENGINEERS INC. USING A TOPCON 802 TOTAL STATION.

ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

PROPERTY IS LOCATED IN FLOOD ZONE X AND FLOOD ZONE AE AS SHOWN ON FIRM MAP #3604970382F PANEL 382 OF 457, LAST REVIISED ON SEPTEMBER 5, 2007.

KEYSTONE CONSULTING ENGINEERS, INC.

Engineering firm of choice since 1972

2870 EMRICKBOULEVARD, BETHLEHEM, PA 18020 610-865-4555

East Office: Bethlehem, West Office: Wescosville, North Office: Kresgeville

www.KeystoneConsultingEngineers.com

REV. No.	DATE	DESCRIPTION	BY	PROJ. ENG.

SURVEYOR'S CERTIFICATION

THIS SURVEY IS MADE FOR THE BENEFIT OF TRC ENGINEERS INC.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS. THE FIELD WORK WAS COMPLETED ON JANUARY 9, 2015

KEYSTONE CONSULTING ENGINEERS INC.
BY GREGORY C. NOLL, P.L.S. (AGENT)
REGISTRATION NO. NY 050816 DATE_____

NOTE: ALL PLANS THAT DO NOT CONTAIN A RED INK OR CRIMP SEAL MAY HAVE BEEN FRAUDULENTLY ALTERED. THIS PLAN IS NULL AND VOID UNLESS IT CONTAINS AN ORIGINAL SIGNATURE, DATE AND PROFESSIONAL SEAL.

KEYSTONE CONSULTING ENGINEERS

BOUNDARY SURVEY
FOR
ENVIRONMENTAL EASEMENT
ON
LOT 29, BLOCK 15950

3229 FAR ROCKAWAY BLVD.

FAR ROCKAWAY

QUEENS COUNTY NEW YORK

DESIGNED M.A.	PROJECT No. 174788
FILE 174788 2015-06-01 BOUNDARY SURVEY	
CHECKED(PM) R.K.	
CHECKED(PLS) J.A.G.	DRAWING No. 1
SCALE 1"=20', 1cm=1m	
DATE MAY 2015	

SCHEDULE "A" PROPERTY DESCRIPTION

Legal Description of Easement Area
CPB Site – Queens, New York
NYSDEC Brownfields Cleanup Program
Site No. C241158

BEGINNING AT A POINT ON THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL), DISTANT 150.00 FEET WESTERLY FROM A CORNER FORMED BY THE INTERSECTION OF SAID SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD AND THE WESTERLY SIDE OF BEACH 32ND STREET (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL, A/K/A CHANNEL AVENUE);

RUNNING THENCE SOUTHERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 85 DEGREES 54 MINUTES 46.4 SECONDS WITH THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 208.03 FEET TO THE NORTHERLY SIDE OF ROCKAWAY FREEWAY (AS NOW AND OPEN IN USE, 50 FEET WIDE, A/K/A LONG ISLAND RAIL ROAD FREEWAY);

THENCE WESTERLY ALONG THE NORTHERLY SIDE OF ROCKAWAY FREEWAY, 204.19 FEET;

THENCE NORTHWESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 96 DEGREES 20 MINUTES 54.1 SECONDS WITH THE LAST MENTIONED LINE, 225.98 FEET TO THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD;

THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 259.58 FEET TO THE POINT OR PLACE OF BEGINNING.

CONTAINING 1.1447 ACRES (49,863 S.F.)

Appendix B

Digital Copy of the FER (CD)

Appendix C
Environmental Easement

KIRTON | McCONKIE

James E. Ellsworth
jellsworth@kmclaw.com
801.321.4860
Also licensed in DC

December 22, 2015

Environmental Easement Attorney
Bureau of Remediation
Office of General Counsel, 14th Floor
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-1500

RE: Notice to Municipality of Environmental Easement

To Whom It May Concern:

Please see attached letter with attachments sent via certified mail to the New York City Department of City Planning regarding an environmental easement granted to the New York State Department of Environmental Conservation on December 17, 2015.

Please contact James Ellsworth with any comments or concerns.

Sincerely yours,

KIRTON McCONKIE

P. Alexander

Pamela Alexander
Legal Assistant to James Ellsworth

Attachments

KIRTON | McCONKIE

James E. Ellsworth
jellsworth@kmclaw.com
801.321.4860
Also licensed in DC

NOTICE TO MUNICIPALITY

December 22, 2015

New York City Department of City Planning
120 Broadway 31st Floor
New York, NY 10271

Re: ***Notice to Municipality of Environmental Easement***

Dear Sir or Madam,

Attached please find a copy of an environmental easement granted to the New York State Department of Environmental Conservation ("Department") on December 17, 2015, by Corporation for the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, for property at 3229 Far Rockaway Boulevard, New York City, Queens County, New York, and Tax Map No. Block 15950 Lot 29, DEC Site No: C241158.

This Environmental Easement restricts future use of the above-referenced property to restricted residential, commercial, and industrial uses. Any on-site activity must be done in accordance with the Environmental Easement and the Site Management Plan which is incorporated into the Environmental Easement. Department approval is also required prior to any groundwater use.

Article 71, Section 71-3607 of the New York State Environmental Conservation Law requires that:

1. Whenever the department is granted an environmental easement, it shall provide each affected local government with a copy of such easement and shall also provide a copy of any documents modifying or terminating such environmental easement; and

2. Whenever an affected local government receives an application for a building permit or any other application affecting land use or development of land that is subject to an environmental easement and that may relate to or impact such easement, the affected local government shall notify the department and refer such application to the department. The department shall

> evaluate whether the application is consistent with the environmental easement and shall notify the affected local government of its determination in a timely fashion, considering the time frame for the local government's review of the application. The affected local government shall not approve the application until it receives approval from the department.

An electronic version of every environmental easement that has been accepted by the Department is available to the public at: http://www.dec.ny.gov/chemical/36045.html. Please forward this notice to your building and/or planning departments, as applicable, to ensure your compliance with these provisions of New York State Environmental Conservation Law. If you have any questions or comments regarding this matter, please do not hesitate to contact me.

Sincerely yours,

KIRTON McCONKIE

James Ellsworth

Attachment

Superior Data Services, Inc.
188 Montague Street, 10th Floor
Brooklyn, New York 11201
(718) 625-9949 Fax: (718) 625-9609

New York State Recording Report

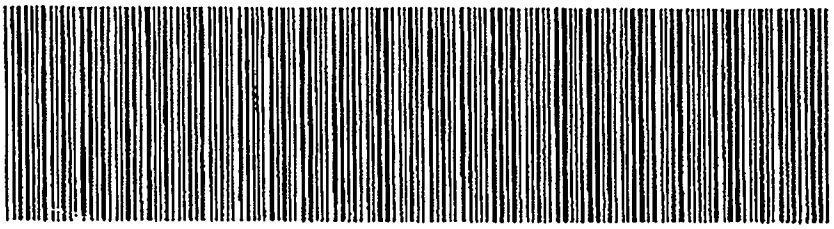
Report Date 12/21/2015

The following documents have been successfully recorded.

Company	Title Number	Ord Date	County	Dist	Sec	Block	Lot	Party 1	Party 2	Document	Number	Amount	Doc ID	Rec Info	Rec Date
TICORRDC	151698608	12/03/15	Queens			15950	29	Corporation of the Pr	NYSDEC	Environmental E	~~107892 $ 227~~	107892 $ 18	resub 12/14	2015-000447636	12/17/2015

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2015120400114001001E3D14

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2015120400114001 Document Date: 10-21-2015 Preparation Date: 12-04-2015
Document Type: EASEMENT
Document Page Count: 9

PRESENTER:	**RETURN TO:**
SUPERIOR DATA SERVICES 188 MONTAGUE STREET STE 1000***HOLD FOR PICKUP SDS******** BROOKLYN, NY 11201 718-404-0214 JLICARI@SUPERIOR-DATA.COM	SUPERIOR DATA SERVICES 188 MONTAGUE STREET STE 1000***HOLD FOR PICKUP SDS******** BROOKLYN, NY 11201 718-404-0214 JLICARI@SUPERIOR-DATA.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	15950	29	Entire Lot	3229 FAR ROCKAWAY BLVD

Property Type: NON-RESIDENTIAL VACANT LAND

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page____ *or* File Number_____

PARTIES

GRANTOR/SELLER:	**GRANTEE/BUYER:**
CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS, 50 E NORTH TEMPLE STREET	COMMISSIONER OF THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, 625 BROADWAY ALBANY, NY 12233

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	82.00
Affidavit Fee:	$	0.00

Filing Fee:	$ 100.00
NYC Real Property Transfer Tax:	$ 0.00
NYS Real Estate Transfer Tax:	$ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 12-17-2015 16:07
City Register File No.(CRFN): **2015000447636**

City Register Official Signature

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 21st day of October, 2015, between Owner(s) Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, having an office at 50 E. North Temple Street, Salt Lake City, Utah 84150, County of Salt Lake, State of Utah (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 3229 Far Rockaway Boulevard in the City of New York, County of Queens and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 15950 Lot 29, being the same as that property conveyed to Grantor by deed dated December 12, 2002 and recorded in the City Register of the City of New York in Instrument No. 2003000032470. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.1447 +/- acres, and is hereinafter more fully described in the Land Title Survey dated May 28, 2015 prepared by Keystone Consulting Engineers, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation

established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C241158, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement")

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv). Notwithstanding, this Environmental Easement does not create a restriction of the potential use of the property for purposes of a church meetinghouse, if such use is consistent with local zoning law and is approved by the New York City Department of City Planning.

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be

performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved b the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions. Notwithstanding anything in this Environmental Easement to the contrary, entrance to and inspection of the Controlled Property on Sundays will be limited to emergency situations only.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C241158
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation

NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints:

By: _____

Print Name: Glenn McKay

Title: AUTHORIZED AGENT Date: _____

Grantor's Acknowledgment

STATE OF ~~NEW YORK~~ UTAH)
) ss:
COUNTY OF SALT LAKE)

On the 1ST day of OCT, in the year 2015, before me, the undersigned, personally appeared GLENN McKAY, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of ~~New York~~ UTAH

D. TODD EVANS
NOTARY PUBLIC - STATE OF UTAH
My Comm. Exp. 09/06/2016
Commission # 657751

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 21st day of October, in the year 2015, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2016

SCHEDULE "A" PROPERTY DESCRIPTION

Legal Description of Easement Area
CPB Site – Queens, New York
NYSDEC Brownfields Cleanup Program
Site No. C241158

BEGINNING AT A POINT ON THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL), DISTANT 150.00 FEET WESTERLY FROM A CORNER FORMED BY THE INTERSECTION OF SAID SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD AND THE WESTERLY SIDE OF BEACH 32ND STREET (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL, A/K/A CHANNEL AVENUE);

RUNNING THENCE SOUTHERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 85 DEGREES 54 MINUTES 46.4 SECONDS WITH THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 208.03 FEET TO THE NORTHERLY SIDE OF ROCKAWAY FREEWAY (AS NOW AND OPEN IN USE, 50 FEET WIDE, A/K/A LONG ISLAND RAIL ROAD FREEWAY);

THENCE WESTERLY ALONG THE NORTHERLY SIDE OF ROCKAWAY FREEWAY, 204.19 FEET;

THENCE NORTHWESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 96 DEGREES 20 MINUTES 54.1 SECONDS WITH THE LAST MENTIONED LINE, 225.98 FEET TO THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD;

THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 259.58 FEET TO THE POINT OR PLACE OF BEGINNING.

CONTAINING 1.1447 ACRES (49,863 S.F.)

7015 0640 0003 0740 1657

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee
$

Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

Postmark Here
DEC 2 2 2015

Sent To: New York Department of City Planning
Street and Apt. No., or PO Box No.: 120 Broadway 31st Floor
City, State, ZIP+4®: New York, NY 10271

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Appendix D
Daily Reports (CD)

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

DAILY INSPECTION REPORT

DATE: 10/26/16	TIME ARRIVAL: 13:20
WEATHER: Clear, 50's	
PROJECT NUMBER: 174788	
BUILDING NO. AND WORK PHASE: Phase 14	

TRC STAFF: Phil Bosco

EQUIPMENT: None

SUBCONTRACTORS Prima Paving Co.
SUB PERSONNEL: Roberto (Foreman), Operator + 3 laborers

CONSTRUCTION ACTIVITY/LOCATION: Cap area 1 and 2

MEETINGS/DISCUSSIONS (e.g. Tail Gate Meeting) Work schedule, Safety - slip, trip, fall. Discussed 4' offset on cap area 1 outside of neighboring property construction fence. Prima was not directed to take down fence and plans to pave to fence.

WORK BEING PERFORMED: Brush clearing and leveling of both cap areas

INSPECTION TYPE: Preparatory inspection

OBSERVATIONS OR TEST DATA: Clearing limited amounts of brush and dead tree. Using backhoe to level area and load brush into roll off container for removal from site. Painted stick up wells on site orange for visibility.

INSPECTION RESULTS COMPARED WITH SPECIFICATION REQUIREMENTS: Complies with requirements

OTHER INFORMATION:

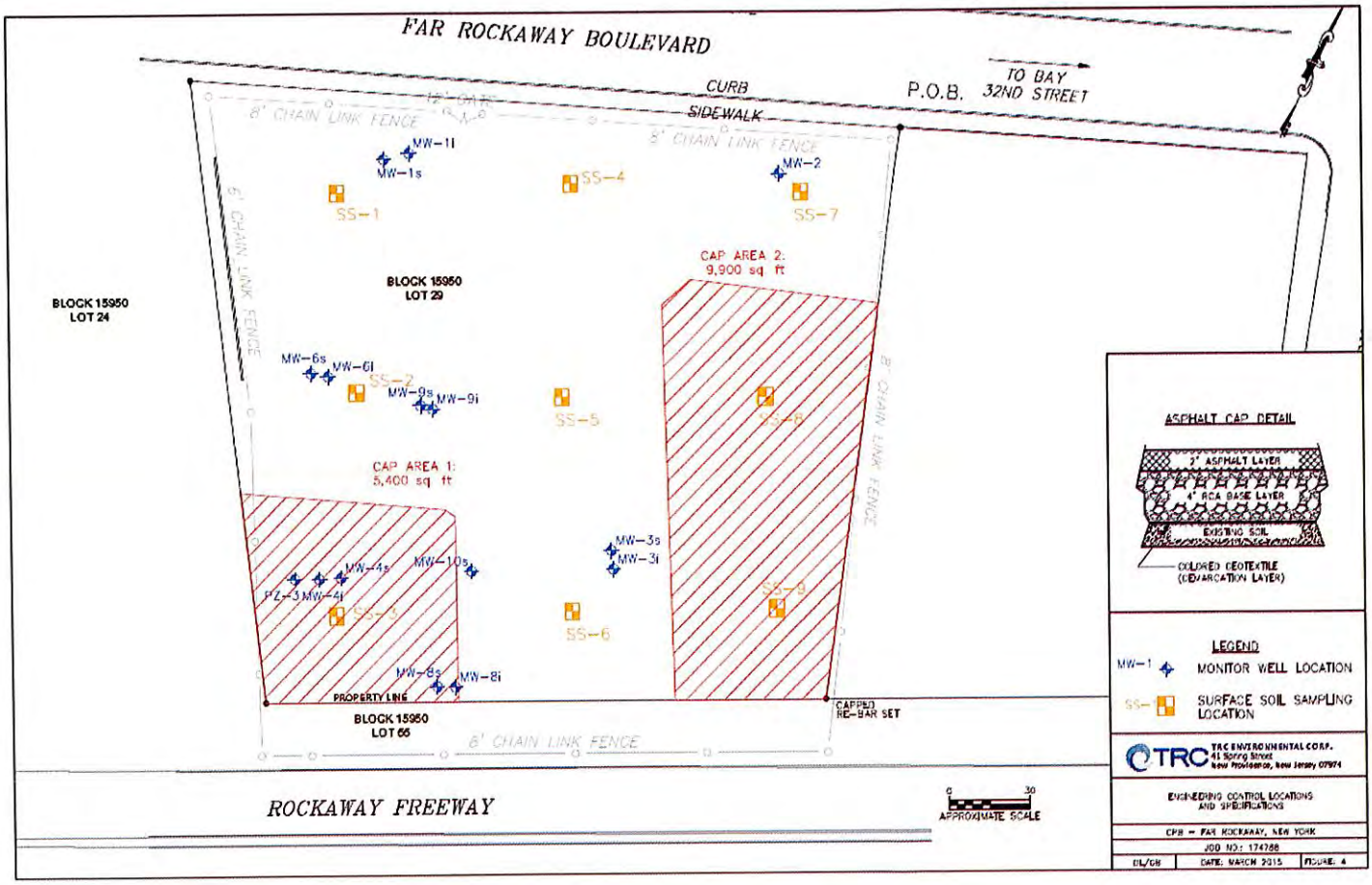
None

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

AS-BUILT SKETCH

LOCATION OF SKETCH AREA: _____

SKETCH AREA BELOW INCLUDES CROSS SECTION/PLAN VIEWS: Cleared and leveled cap areas 1 and 2 below



QA INSPECTIONS: Work performed ~~adequetely~~ adequately and safely

MATERIALS RECEIVED:

6 loads of RCA, staged on site

SUBMITTAL STATUS:

PROBLEMS IDENTIFIED:

Cap area 1 extends 4' across fence, cap area 2 extends

WAS A CORRECTIVE MEASURE REPORT COMPLETED? NA

DRAWING/SPECIFICATION REFERENCE NO.: NA

DESCRIPTION/PROPOSED CHANGES TO ENGINEERED PLANS AND SPECS: NA

ACCEPTANCE OF COMPLETED COMPONENTS

ITEMS COMPLETED: Clearing and leveling of cap areas 1 and 2

FIELD/QA REPRESENTATIVE ON SITE: Phil Bosco DATE: 10/26/16

Philip Bosco
Name

Signature

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

DAILY INSPECTION REPORT

DATE: 10/27/16	TIME ARRIVAL: 06:00
WEATHER: Partly cloudy, light rain, 50's	
PROJECT NUMBER: 174788	
BUILDING NO. AND WORK PHASE: Phase 14	

TRC STAFF: Phil Bosco

EQUIPMENT: None

SUBCONTRACTORS: Prima Paving Co., Let me Build
SUB PERSONNEL: Roberto (Foreman), operator + 3 laborers, Alan (Supervisor) Scott (Let me build)

CONSTRUCTION ACTIVITY/LOCATION: Cap area 1 and 2

MEETINGS/DISCUSSIONS (e.g. Tail Gate Meeting): Work schedule, cap area 1 & 2 offset

WORK BEING PERFORMED: ~~Laying down fabric and RCA subbase~~ (PB) extending cap areas

INSPECTION TYPE: Construction inspection

OBSERVATIONS OR TEST DATA: Fabric delivery was the wrong color, black instead of orange. Delivery rejected. Work done taking down fencing and extending cap area 1 to the 4' offset mark, and cap area 2 to 1' offset.

INSPECTION RESULTS COMPARED WITH SPECIFICATION REQUIREMENTS: Cap areas extended to cover surveyed areas

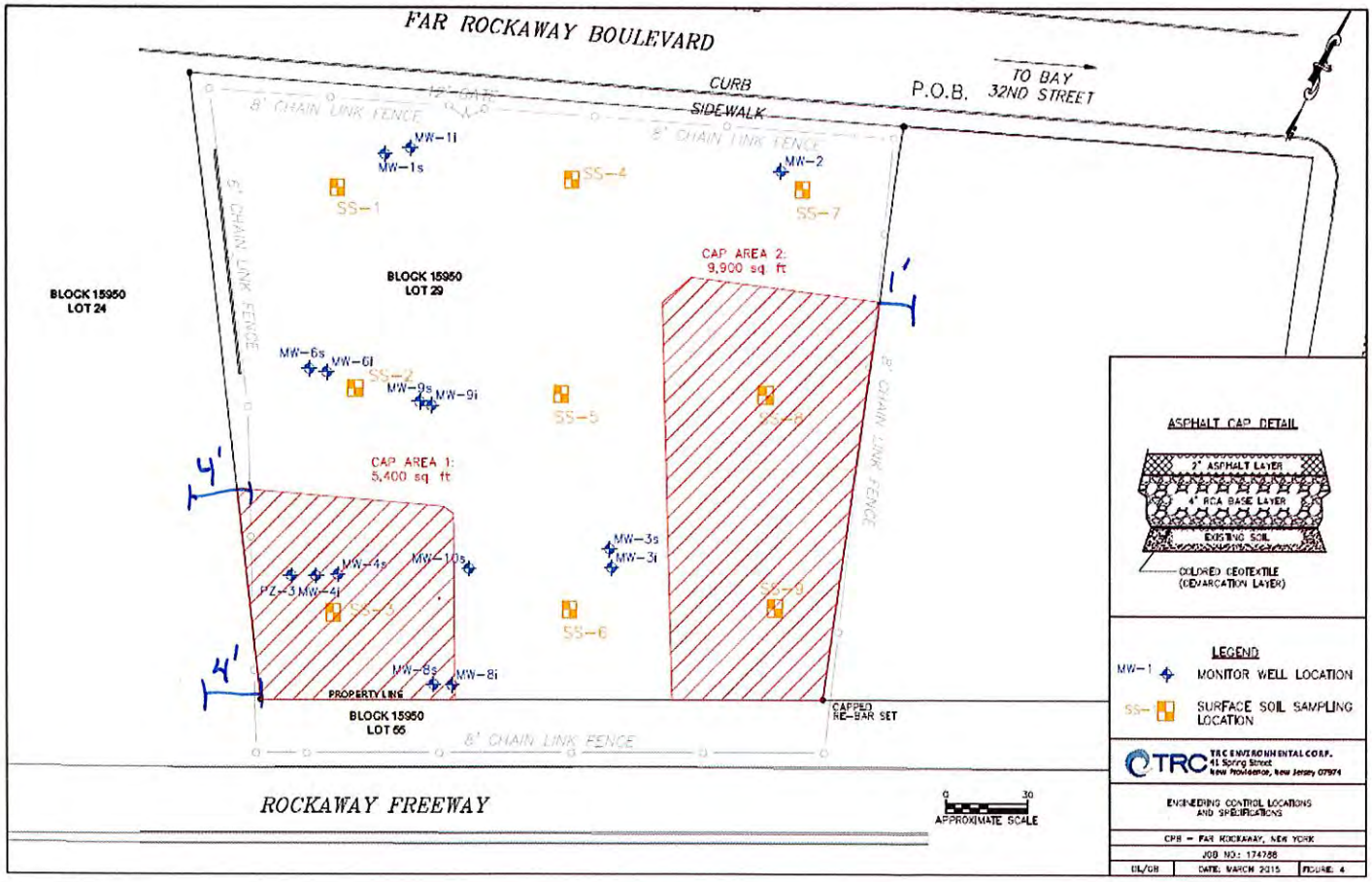
OTHER INFORMATION:

Discussions between Prima, TRC, Let me Build, and client re: taking down neighboring fence and extending cap areas. Also discussion re: new material for liner (demarcation of contaminated soil. It was decided that orange safety fense/netting would be used instead of liner.

AS-BUILT SKETCH

LOCATION OF SKETCH AREA: _____

SKETCH AREA BELOW INCLUDES CROSS SECTION/PLAN VIEWS: Offset areas indicated below



CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

QA INSPECTIONS: work performed adequately and safely

MATERIALS RECEIVED:

12 loads of RCA

SUBMITTAL STATUS:

Orange safety fencing approved in lieu of orange liner fabric

PROBLEMS IDENTIFIED:

Wrong delivery of fabric. Cap areas extend beyond fencing on site. In cap area 1, neighboring construction fence taken down and cap extended. In cap area 2, chain link fence temporarily moved to accomodate 1' offset on one corner.

WAS A CORRECTIVE MEASURE REPORT COMPLETED? No

DRAWING/SPECIFICATION REFERENCE NO.: NA

DESCRIPTION/PROPOSED CHANGES TO ENGINEERED PLANS AND SPECS: Orange safety fence approved for demarcation below subbase

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

ACCEPTANCE OF COMPLETED COMPONENTS

ITEMS COMPLETED: Extending cap areas, materials delivered to site

FIELD/QA REPRESENTATIVE ON SITE: Phil Bosco DATE: 10/27/16

Philip Bosco
Name

Signature

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

DAILY INSPECTION REPORT

DATE: 10/28/16	TIME ARRIVAL: 0715
WEATHER: Partly cloudy, 40's, windy	
PROJECT NUMBER: 174788	
BUILDING NO. AND WORK PHASE: Phase 14	

TRC STAFF: Phil Bosco

EQUIPMENT: None

SUBCONTRACTORS: Prima Paving Co.

SUB PERSONNEL: Roberto (Foreman), operator +3 laborers

CONSTRUCTION ACTIVITY/LOCATION: Cap area 1 and 2

MEETINGS/DISCUSSIONS (e.g. Tail Gate Meeting): work schedule, Safety

WORK BEING PERFORMED: Laying down safety fence and RCA base

INSPECTION TYPE: Construction inspection

OBSERVATIONS OR TEST DATA: Safety fence delivered to site in rolls. Fence laid down as demarcation and 4" RCA subbase laid over it and compacted with roller.

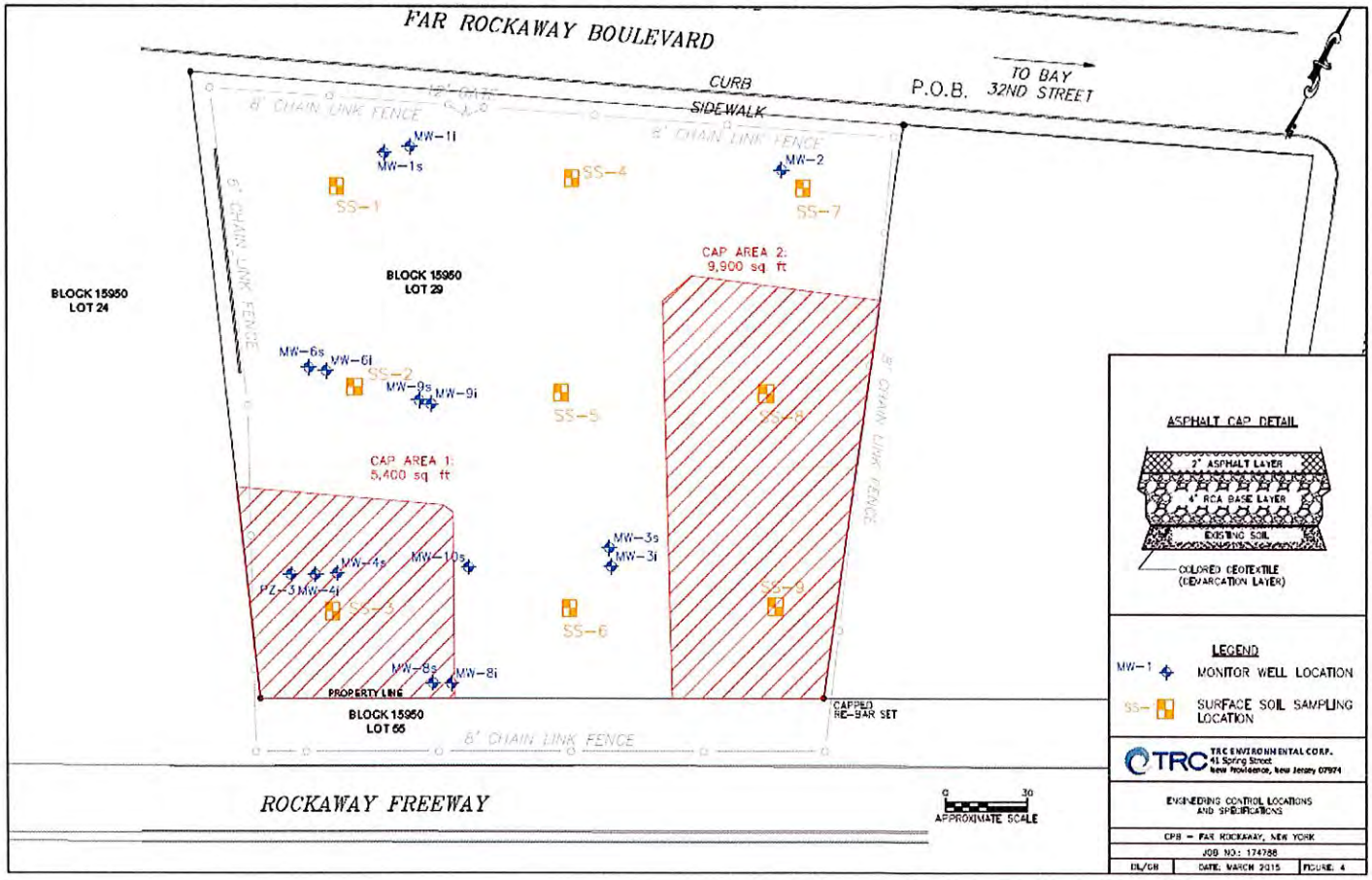
INSPECTION RESULTS COMPARED WITH SPECIFICATION REQUIREMENTS: Safety fence and RCA meet specs.

OTHER INFORMATION:

AS-BUILT SKETCH

LOCATION OF SKETCH AREA: _____

SKETCH AREA BELOW INCLUDES CROSS SECTION/PLAN VIEWS: _____



QA INSPECTIONS: Work performed adequately and safely

MATERIALS RECEIVED:

Orange safety fence, 23 rolls

4 loads RCA

SUBMITTAL STATUS:

NA

PROBLEMS IDENTIFIED:

None

WAS A CORRECTIVE MEASURE REPORT COMPLETED? NA

DRAWING/SPECIFICATION REFERENCE NO.: NA

DESCRIPTION/PROPOSED CHANGES TO ENGINEERED PLANS AND SPECS: NA

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

ACCEPTANCE OF COMPLETED COMPONENTS

ITEMS COMPLETED: Installation of orange safety fence demarcation and > 4" RCA subbase. Compaction of subbase with roller

FIELD/QA REPRESENTATIVE ON SITE: Phil Bosco DATE: 10/28/16

Philip Bosco
Name

Signature

CPB SITE
FAR ROCKAWAY, QUEENS, NEW YORK
BCP # C241158

DAILY INSPECTION REPORT

DATE: 10/31/16	TIME ARRIVAL: 07:30
WEATHER: Partly cloudy, 40's	
PROJECT NUMBER: 174788	
BUILDING NO. AND WORK PHASE: Phase 14	

TRC STAFF: Phil Bosco

EQUIPMENT: None

SUBCONTRACTORS Prima Paving Co.
SUB PERSONNEL: Roberto (Foreman), operator + 3 laborers

CONSTRUCTION ACTIVITY/LOCATION: Cap area 1 and 2

MEETINGS/DISCUSSIONS (e.g. Tail Gate Meeting) work schedule, Safety

WORK BEING PERFORMED: Laying down asphalt on cap areas 1 and 2 and compacting

INSPECTION TYPE: Construction inspection

OBSERVATIONS OR TEST DATA: 2" asphalt laid down on both cap areas. When complete, cap areas compacted with roller

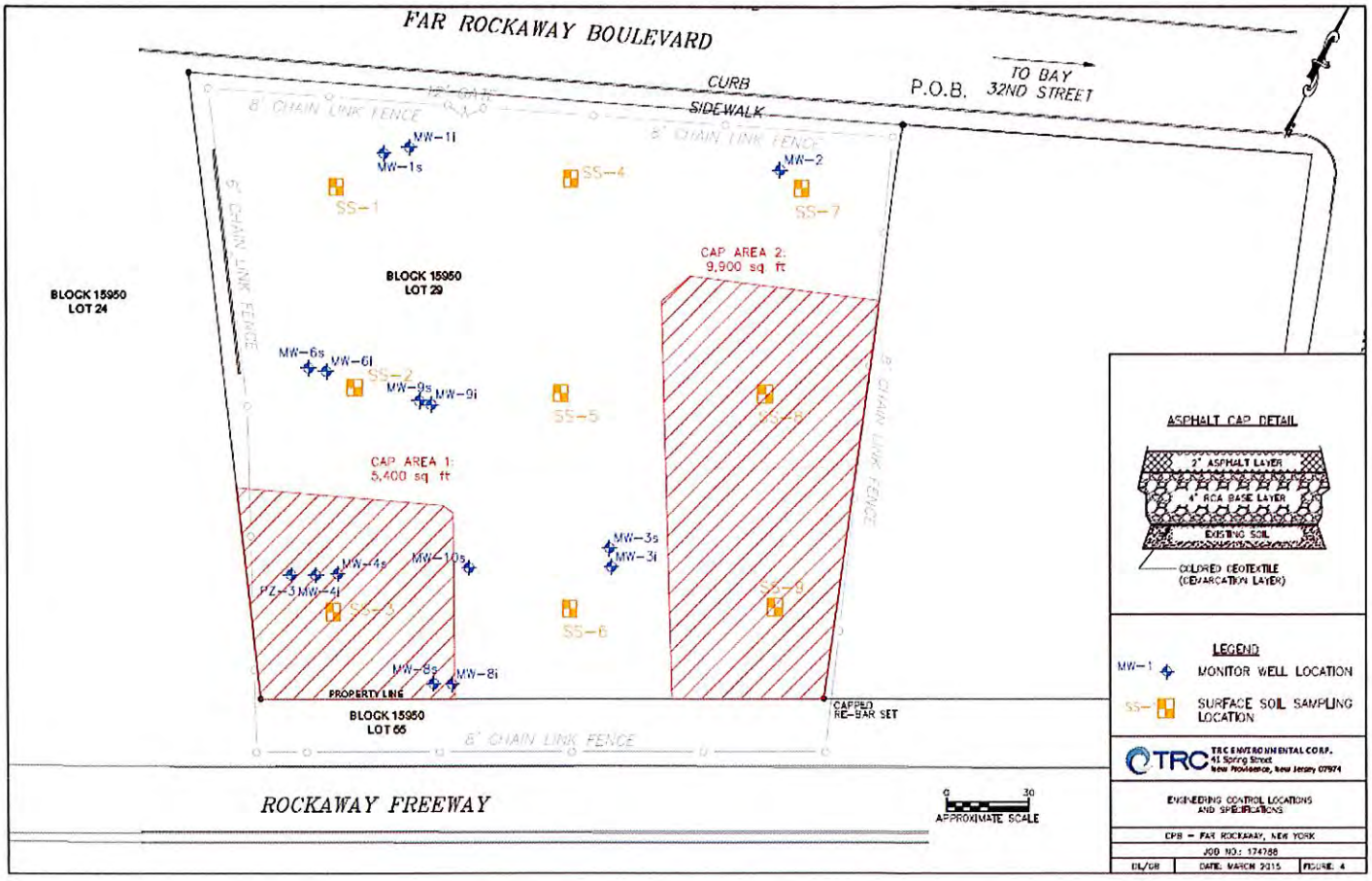
INSPECTION RESULTS COMPARED WITH SPECIFICATION REQUIREMENTS: Asphalt delivered from approved facility, Inwood Material Terminal LLC

OTHER INFORMATION:

AS-BUILT SKETCH

LOCATION OF SKETCH AREA: _____

SKETCH AREA BELOW INCLUDES CROSS SECTION/PLAN VIEWS: _____



QA INSPECTIONS: work performed adequately and safely

MATERIALS RECEIVED:

8 truckloads of hot asphalt

SUBMITTAL STATUS:

PROBLEMS IDENTIFIED:

none

WAS A CORRECTIVE MEASURE REPORT COMPLETED? NA

DRAWING/SPECIFICATION REFERENCE NO.: NA

DESCRIPTION/PROPOSED CHANGES TO ENGINEERED PLANS AND SPECS: NA

ACCEPTANCE OF COMPLETED COMPONENTS

ITEMS COMPLETED: cap areas 1 and 2 paved and compacted to a depth of ≥ 2".

FIELD/QA REPRESENTATIVE ON SITE: Phil Bosco DATE: 10/31/16

Philip Bosco
Name

Signature

Appendix E

Project Photo Log (CD)

PHOTO LOG
CAP CONSTRUCTION
CPB SITE
FAR ROCKAWAY, NEW YORK
OCTOBER 26 – OCTOBER 31, 2016

Photograph 1
Removing Debris from Cap Area 1.

Photograph 2
Levelling Cap Area 1.

Photograph 3
Reinforced Concrete Aggregate (RCA) staged on the Site.

Photograph 4
Reinforced Concrete Aggregate (RCA) staged on the Site.

TRC Job No. 174788	Photographs Taken By: PB	Client: CPB	Type of Site: Vacant

PHOTO LOG
CAP CONSTRUCTION
CPB SITE
FAR ROCKAWAY, NEW YORK
OCTOBER 26 – OCTOBER 31, 2016

Photograph 5
Orange colored demarcation layer at Cap Area 2.

Photograph 6
Orange colored demarcation layer and 4" RCA on top of the demarcation layer at Cap Area 1.

Photograph 7
4" RCA levelled on top of the demarcation layer at Cap Area 1.

Photograph 8
4" RCA levelled on top of the demarcation layer at Cap Area 2.

TRC Job No. 174788	Photographs Taken By: PB	Client: CPB	Type of Site: Vacant

PHOTO LOG
CAP CONSTRUCTION
CPB SITE
FAR ROCKAWAY, NEW YORK
OCTOBER 26 – OCTOBER 31, 2016

Photograph 9
2” Asphalt Cap at Cap Area 1.

Photograph 10
2” Asphalt Cap at Cap Area 2.

Photograph 11
Completed Asphalt Cap at Cap Area 1.

Photograph 12
Completed Asphalt Cap at Cap Area 2.

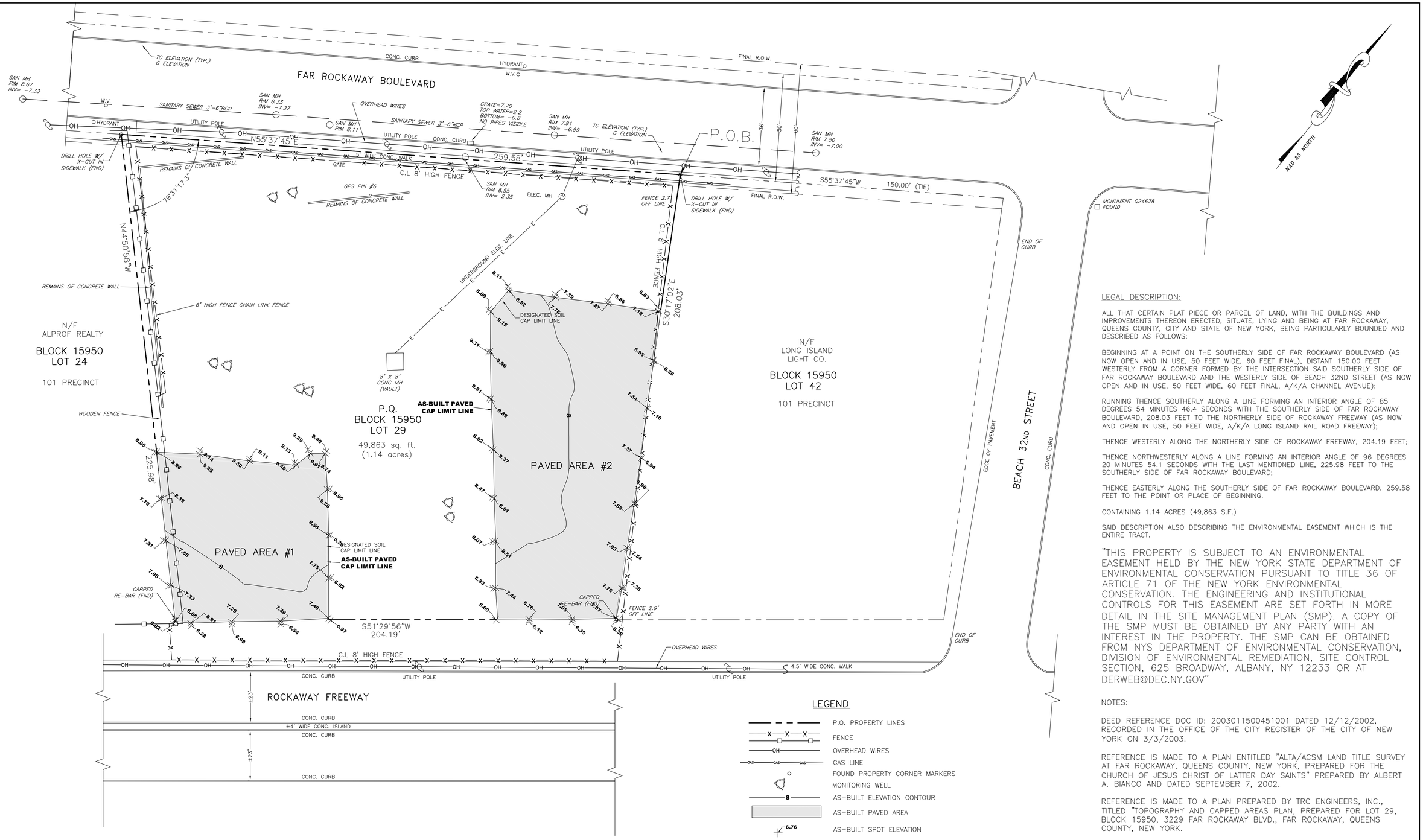
TRC Job No. 174788	Photographs Taken By: PB	Client: CPB	Type of Site: Vacant

Appendix F

Raw Analytical Laboratory Data (CD)

Appendix G

EC As-Built Drawings, Documentation and Drawings



LEGEND

- P.Q. PROPERTY LINES
- FENCE
- OVERHEAD WIRES
- GAS LINE
- FOUND PROPERTY CORNER MARKERS
- MONITORING WELL
- AS-BUILT ELEVATION CONTOUR
- AS-BUILT PAVED AREA
- 6.76 AS-BUILT SPOT ELEVATION

IMPERIAL GRAPHIC SCALE

20 0 10 20 40 80

1 INCH = 20 FEET

METRIC GRAPHIC SCALE

2.40 0 2.40 4.80 9.60 19.20

1 CM = 2.40 METERS

LEGAL DESCRIPTION:

ALL THAT CERTAIN PLAT PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENTS THEREON ERECTED, SITUATE, LYING AND BEING AT FAR ROCKAWAY, QUEENS COUNTY, CITY AND STATE OF NEW YORK, BEING PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL), DISTANT 150.00 FEET WESTERLY FROM A CORNER FORMED BY THE INTERSECTION SAID SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD AND THE WESTERLY SIDE OF BEACH 32ND STREET (AS NOW OPEN AND IN USE, 50 FEET WIDE, 60 FEET FINAL, A/K/A CHANNEL AVENUE);

RUNNING THENCE SOUTHERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 85 DEGREES 54 MINUTES 46.4 SECONDS WITH THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 208.03 FEET TO THE NORTHERLY SIDE OF ROCKAWAY FREEWAY (AS NOW AND OPEN IN USE, 50 FEET WIDE, A/K/A LONG ISLAND RAIL ROAD FREEWAY);

THENCE WESTERLY ALONG THE NORTHERLY SIDE OF ROCKAWAY FREEWAY, 204.19 FEET;

THENCE NORTHWESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 96 DEGREES 20 MINUTES 54.1 SECONDS WITH THE LAST MENTIONED LINE, 225.98 FEET TO THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD;

THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF FAR ROCKAWAY BOULEVARD, 259.58 FEET TO THE POINT OR PLACE OF BEGINNING.

CONTAINING 1.14 ACRES (49,863 S.F.)

SAID DESCRIPTION ALSO DESCRIBING THE ENVIRONMENTAL EASEMENT WHICH IS THE ENTIRE TRACT.

"THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT DERWEB@DEC.NY.GOV"

NOTES:

DEED REFERENCE DOC ID: 20030115004510O1 DATED 12/12/2002, RECORDED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK ON 3/3/2003.

REFERENCE IS MADE TO A PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY AT FAR ROCKAWAY, QUEENS COUNTY, NEW YORK, PREPARED FOR THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS" PREPARED BY ALBERT A. BIANCO AND DATED SEPTEMBER 7, 2002.

REFERENCE IS MADE TO A PLAN PREPARED BY TRC ENGINEERS, INC., TITLED "TOPOGRAPHY AND CAPPED AREAS PLAN, PREPARED FOR LOT 29, BLOCK 15950, 3229 FAR ROCKAWAY BLVD., FAR ROCKAWAY, QUEENS COUNTY, NEW YORK.

AS-BUILT DATA IS BASED UPON A FIELD SURVEY PERFORMED ON NOVEMBER 7, 2016 BY C&E ENGINEERING, INC.

ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

PROPERTY IS LOCATED IN FLOOD ZONE X AND FLOOD ZONE AE AS SHOWN ON FIRM MAP #3604970382F PANEL 382 OF 457, LAST REVISED ON SEPTEMBER 5, 2007.

SURVEYOR'S CERTIFICATION

THIS SURVEY IS MADE FOR THE BENEFIT OF TRC ENGINEERS INC.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS. THE FIELD WORK WAS COMPLETED ON JANUARY 9, 2015

KEYSTONE CONSULTING ENGINEERS INC.
BY GREGORY C. NOLL, P.L.S. (AGENT)
REGISTRATION NO. NY 050896 DATE_____

NOTE: ALL PLANS THAT DO NOT CONTAIN A RED INK OR CRIMP SEAL MAY HAVE BEEN FRAUDULENTLY ALTERED. THIS PLAN IS NULL AND VOID UNLESS IT CONTAINS AN ORIGINAL SIGNATURE, DATE AND PROFESSIONAL SEAL.

KEYSTONE CONSULTING ENGINEERS

File: CEE140 – 2016-11-14 – AS-BUILT PLAN OF CAPPED AREAS.dwg

REV. No.	DATE	DESCRIPTION	PROJ. ENG.	PROJ. MGR.

C | E
Civil & Environmental Engineering, Inc.
ENGINEERING
SURVEYING
ENVIRONMENTAL
LANDSCAPE SERVICES
CERTIFICATE OF AUTHORIZATION #24GA28267600
(P) 609.497.1379
(F) 609.497.1879
RESEARCH PARK
322 WALL STREET
PRINCETON, NJ 08540
WWW.CEENJ.COM

AS-BUILT PLAN OF CAPPED AREAS

PREPARED FOR

LOT 29, BLOCK 15950
3229 FAR ROCKAWAY BLVD.

FAR ROCKAWAY
QUEENS COUNTY NEW YORK

DESIGNED	PROJECT #
D.H.	CEE140
CHECKED (PM)	
R.K.	
CHECKED (PLS)	DRAWING #
M.T.A.	1 OF 1
SCALE	
AS SHOWN	

Appendix H

Imported Materials Documentation

REGISTRATION FORM FOR A SOLID WASTE MANAGEMENT FACILITY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

Please read and follow all instructions before completing this registration form.
Please Type or Print clearly THIS IS NOT A UPA PERMIT

DEPARTMENT USE ONLY	
DEC Registration #	30 W 39 R
DEC Administration #	
Validation Date	Feb. 6, 2015

1. FACILITY NAME AND LOCATION		2. FACILITY OWNER'S NAME
IMT-SHERIDAN		INWOOD MATERIAL TERMINAL LLC
Street 1 SHERIDAN BLVD		Mailing Address 1 SHERIDAN BLVD
City/ Village		City/Town/Village INWOOD
Town INWOOD	County NASSAU	State/ Zip Code NY, 11096
Telephone Number 516-371-9700		Telephone Number 516-371-9700
3. FACILITY OPERATOR'S NAME (if different)		4. SITE OWNER'S NAME (if different)
INWOOD MATERIAL TERMINAL LLC		1 SHERIDAN LLC
Mailing Address 1 SHERIDAN BLVD		Mailing Address 11 COMMERCIAL STREET
City/Town/Village INWOOD		City/Town/Village PLAINVIEW
State/ Zip Code NY, 11096		State/ Zip Code NY, 11803
Telephone Number 516-371-9700		Telephone Number 516-336-6720

5. TYPE OF FACILITY REGISTRATION (check all applicable)

- ☐ Energy Recovery Incinerators or Pyrolysis Units [360-3.1(c)]
- ☐ Land Clearing Debris Landfills three acres or less [360-7.2(a)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50,000 cubic yards or 12,500 tons of household solid waste annually [360-11.1(b)(i)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50,000 cubic yards or 12,500 tons of containerized solid waste annually [360-11.1(b)(2)]
- ☒ Source Separated, Nonputrescible Solid Waste Recyclables Handling and Recovery Facilities [360-12.1(d)]
- ☐ Waste Tire Retreaders [360-13.1(d)(1)(i)]
- ☐ Waste Tire Stored for On-site Energy Recovery [360-13.1(d)(1)(ii)]
- ☐ Tire Dealers Selling Waste Tires [360-13.1(d)(1)(iii)]
- ☐ Tire Manufacturing Facilities [360-13.1(d)(1)(iv)]
- ☒ Processing Facilities Receiving Only Recognizable Uncontaminated Concrete, Asphalt Pavement, Brick, Soil or Rock [360-16.1(d)(1)(i)]
- ☐ Uncontaminated Unadulterated Wood Processing Facilities [360-16.1(d)(1)(ii)]
- ☐ Other Facilities not specifically described above, specify type:

6. SOLID WASTE HANDLED
a. List wastes and/or materials to be accepted

CONCRETE, ASPHALT, BRICK, SOIL, ROCK

b. Quantity (Specify Units – see instructions)

Design Capacity 10,000 CUBIC YARDS

Storage on-site 5,000 CUBIC YARDS
(processed & unprocessed)

7. OPERATIONS SCHEDULE - Normal schedule of operation

MONDAY THROUGH SATURDAY 6AM TO 5PM, CLOSED SUNDAY

8. SERVICE AREAS

~~NASSAU COUNTY, SUFFOLK COUNTY, NYC~~

9. CERTIFICATION: I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority as PRESIDENT (title) of INWOOD MATERIAL TERMINAL LL (Entity) to sign this registration form pursuant to 6 NYCRR Part 360. By signing this registration form, I affirm that I have read the applicable regulations and will abide by all conditions of the registration requirements. In addition, the registered activity(ies) identified above conforms with all existing local laws and ordinances, including zoning. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Printed/ Typed Name	Signature	Mo. Day Year
FRANK SCIARRINO		06 /20 /2013

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54722**

Location : **Inwood**

Date : 10/26/2016 Time: 9:15:29AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Yi

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	15.00	Loads:	1

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54730**

Location : **Inwood**

Date : 10/26/2016 Time: 9:56:09AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Yi

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	30.00	Loads:	2

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54735**

Location : **Inwood**

Date : 10/26/2016 Time: 10:24:21AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	45.00	Loads:	3

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54739**

Location : **Inwood**

Date : 10/26/2016 Time: 10:48:53AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	60.00	Loads:	4

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54750**

Location : **Inwood**

Date : 10/26/2016 Time: 11:28:44AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	75.00	Loads:	5

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54764**

Location : **Inwood**

Date : 10/26/2016 Time: 12:26:22PM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	90.00	Loads:	6

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54767**

Location : **Inwood**

Date : 10/26/2016 Time: 12:49:02PM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y:

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	105.00	Loads:	7

Weighmaster: Ticketing User 1

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54798**

Location : **Inwood**

Date : 10/27/2016 Time: 7:35:49AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	15.00	Loads:	1

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54801**

Location : **Inwood**

Date : 10/27/2016 Time: 8:03:48AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	30.00	Loads:	2

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54807**

Location : **Inwood**

Date : 10/27/2016 Time: 9:34:33AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	60.00	Loads:	4

Received : _____

Weighmaster: Ticketing User 1

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54804**

Location : **Inwood**

Date : 10/27/2016 Time: 8:34:46AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	45.00	Loads:	3

Received : _____

Weighmaster: Ticketing User 1

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54808**

Location : **Inwood**

Date : 10/27/2016 Time: 9:57:56AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	75.00	Loads:	5

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54812**

Location : **Inwood**

ate : 10/27/2016 Time: 10:25:16AM

ustomer : 4998 CC-SHERIDAN
rder : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
.O. : SCC_Y_OUT
'oduct : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

eliver 1 : beach 32 street far rockaway queens
eliver 2 : , ,
rigin :

arrier : PRIMA PRIMA Vehicle : 629 45277mg blac
ayment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	90.00	Loads:	6

eceived : _____

is is to certify that this load does not contain any hazardous iterials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54814**

Location : **Inwood**

Date : 10/27/2016 Time: 10:54:31AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	105.00	Loads:	7

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54818**

Location : **Inwood**

Date : 10/27/2016 Time: 11:17:53AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	120.00	Loads:	8

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54822**

Location : **Inwood**

te : 10/27/2016 Time: 11:42:27AM

stomer : 4998 CC-SHERIDAN
der : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
). : SCC_Y_OUT
)duct : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

liver 1 : beach 32 street far rockaway queens
liver 2 : , ,
gin :

rrier : PRIMA PRIMA Vehicle : 629 45277mg blac
yment : Credit Carc

ceived : _____

s is to certify that this load does not contain any hazardous erials, medical waste, or liquids of any type.

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	135.00	Loads:	9

Weighmaster: Ticketing User 1

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54827**

Location : **Inwood**

e : 10/27/2016 Time: 12:27:19PM

stomer : 4998 CC-SHERIDAN
ler : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
). : SCC_Y_OUT
duct : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

iver 1 : beach 32 street far rockaway queens
iver 2 : , ,
gin :

rrier : PRIMA PRIMA Vehicle : 629 45277mg blac
yment : Credit Carc

ceived : _____

s is to certify that this load does not contain any hazardous erials, medical waste, or liquids of any type.

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	150.00	Loads:	10

Weighmaster: Ticketing User 1

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54830**

Location : **Inwood**

Date : 10/27/2016 Time: 12:56:57PM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OU Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Card

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	165.00	Loads:	11

Weighmaster: Ticketing User 1

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54834**

Location : **Inwood**

Date : 10/27/2016 Time: 1:19:20PM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OU Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Card

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	180.00	Loads:	12

Weighmaster: Ticketing User 1

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54873**

Location : **Inwood**

Date : 10/28/2016 Time: 9:11:54AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	15.00	Loads:	1

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54887**

Location : **Inwood**

Date : 10/28/2016 Time: 10:19:12AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	30.00	Loads:	2

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54892**

Location : Inwood

Date : 10/28/2016 Time: 10:58:56AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	45.00	Loads:	3

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54895**

Location : Inwood

Date : 10/28/2016 Time: 11:19:53AM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	60.00	Loads:	4

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1

Inwood Material Terminal LLC

1 Sheridan Blvd
Inwood, NY 11096
516-371-9700

Ticket No.: **54906**

Location : **Inwood**

Date : 10/28/2016 Time: 12:32:19PM

Customer : 4998 CC-SHERIDAN
Order : SCC_Y_OI Yards-CC-Sheridan OUTBOUND
P.O. : SCC_Y_OUT
Product : 304 Out Bound-Blend RCA#1-Subbas **15.00** Cubic Y

Deliver 1 : beach 32 street far rockaway queens
Deliver 2 : , ,
Origin :

Carrier : PRIMA PRIMA Vehicle : 629 45277mg blac
Payment : Credit Carc

Price		10.20	153.00
Freight		0.00	0.00
Tax	NASS	0.00	13.20
Total:			166.20
Today:	75.00	Loads:	5

Received : _____

This is to certify that this load does not contain any hazardous materials, medical waste, or liquids of any type.

COPY 3 FILE

Weighmaster: Ticketing User 1