Appendix B

Jacques Whitford

Engineering, Scientific, Planning and Management Consultants

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November 23, 2005

Mr. Ed Wiederkehr
EH&S Remediation
Consolidated Edison Company of New York, Inc.
31-01 20th Avenue, Building 136, Second Floor
Long Island City, NY 11105

RE: Proposed Phased Soil Sampling Program
Former Maspeth Substation
Maspeth, New York

Dear Ed:

As a follow-up to our strategy meeting held yesterday, November 22, 2005 in Con Edison's offices, Jacques Whitford Company, Inc. (Jacques Whitford) is outlining in this letter, a Phased Soil Sampling Program for the Former Maspeth Substation (Site) that we discussed and Con Edison approved for implementation. This Program is designed to address and delineate on-site elevated polychlorinated biphenyl (PCB) concentrations in soil detected during on-going remediation activities at the Site. The meeting was attended by Con Edison representatives (yourself, Mr. Jeff Rutowski, Ms. Jennifer Rommel, Mr. Tom O'Connell, and Mr. Vincent Desadario (part-time)) and myself.

The sampling program consists of four phases, each of which is outlined below:

Phase I

This phase is focused on collecting and analyzing soil samples for PCB content between the lagging and the property line along the northern portion (57th Drive residences) of the Site. A PCB hotspot was observed between approximately 51 and 68 feet in the X-direction from the northeast corner of the Site (see Figure 1). The data generated will support delineation (horizontal and vertical) of PCBs in soil along this northern portion of the Site. Figure 1 illustrates a total of six (6) locations north of the lagging at approximately 8, 24, 38, 77, 91, and 104 feet in the X-direction from the northeast corner of the Site. These samples will be collected manually by utilizing a jackhammer to vibrate a sampling rod at each location. Soil samples will be collected at 2, 6, 10, and 14 feet below ground surface (ft bgs) from each location and submitted to the laboratory for PCB analysis. A total of six (6) additional soil samples will be collected with a Geoprobe® from a depth of approximately 18 ft bgs at each location noted above. These samples however, will be collected by advancing a macro core with an

acetate sleeve through the structural soil berm on-site and angling north beneath the lagging that makes up the northern wall of the existing excavation. This angled distance is approximately 8 to 10 feet through the structural soil berm and approximately 18 ft bgs beneath the initial locations collected at approximately 8, 24, 38, 77, 91, and 104 feet in the X-direction from the northeast corner of the Site. This approach (use of a Geoprobe®) is being implemented due to spatial constraints for equipment between the lagging and the property line along the northern portion (57th Drive residences) of the Site and the vertical limitations of the manual sampling equipment. In total, thirty (30) soil samples will be collected during Phase I for PCB analysis. The turnaround time for receipt of the data is 3-days. We anticipate a 1-day field program consisting of two sampling crews.

Phase II

Phase II samples will be collected within the existing excavation on-site, with the exception of one sample collected outside the lagging to the west (see Figure 1). These soil samples will be collected after Phase I is complete. In total, eleven (11) sampling locations are proposed as noted on Figure 1. The analytical data generated from this sampling phase will provide further delineation, both horizontal and vertical of the elevated PCB concentrations detected in soil. The Phase II sampling program consists of three (3) horizontal (east-west) rows. The coordinates of the northernmost row (Row 1) consist of sampling locations at approximately 38, 60, and 90 feet in the X-direction from the northeast corner of the Site and approximately 18 feet south of the lagging. The coordinates of Row 2 consist of sampling locations at approximately 38, 60, 80, and 100 feet in the X-direction in the northeast corner of the Site and approximately 30 feet south of the lagging. The coordinates of Row 3 consist of sampling locations at approximately 60, 80, and 105 feet in the X-direction in the northeast corner of the Site and approximately 45 feet south of the lagging. One additional soil sample will be collected outside of the west lagged wall of the excavation, approximately 10 feet west of sample location 106, 22 (see Figure 1). Soil samples at each of these locations will be collected from 18, 22, and 26 ft bgs (from original grade). In total, thirty-three (33) soil samples will be collected during Phase II for PCB analysis. The turnaround time for receipt of the data is 3-days. We anticipate a 1-2 day field program based on field conditions within the excavation.

Phase III

The Phase III program would be developed, if needed, pending receipt and evaluation of the Phase II analytical data generated.

Phase IV

The Phase IV sampling event is focused in the backyard of residence 57-42 57th Drive, which abuts the northern portion of the Site. This location has been selected to be sampled based on its close proximity to the elevated PCB values detected between the lagging and the property line of the Site. The analytical data generated will determine whether PCBs in exceedance to New York State Recommended Soil Cleanup Objective (RSCOs) have migrated off-site, north of the Site. Con Edison will secure an access agreement to this property with the Owner prior to the start of the sampling activities. The Environmental Health and Safety Plan (EHASP) will be evaluated and modified if required to accommodate these sampling activities. The backyard of the residence (approximately 8 feet by approximately 14 feet) is presumably covered with wooden decking. The wooden deck would be removed to facilitate sampling. A total of two sampling locations (see Figure 2) parallel with the lagging on-site at approximately 51 and 67 feet in the horizontal direction from the northeast corner of the Site would be advanced. The sampling locations would be approximately 2-4 feet north of the existing fence line and possibly modified based on access to these points. Soil samples will be advanced via hand utilizing a jackhammer to vibrate a sample rod at each location. Soil samples will be collected from 6 inches, 2, 5, and 9 ft bgs at each location. In total, eight (8) soil samples will be collected during Phase IV for PCB analysis. The turnaround time for receipt of the data is 3-days. We anticipate a 1 day field program to complete this phase. Following completion of this task, the backyard and deck would be restored to its original condition.

Aquifer Drilling & Testing, Inc. (ADT) will provide the drilling support and Environmental Testing Laboratory, Inc. (ETL) will perform the analyses. Upon receipt of the data, Jacques Whitford will immediately evaluate and forward the data to Con Edison for further discussion.

If there are any questions regarding this Proposed Phased Soil Sampling Program, please contact me.

Sincerely,
JACQUES WHITFORD COMPANY, INC.

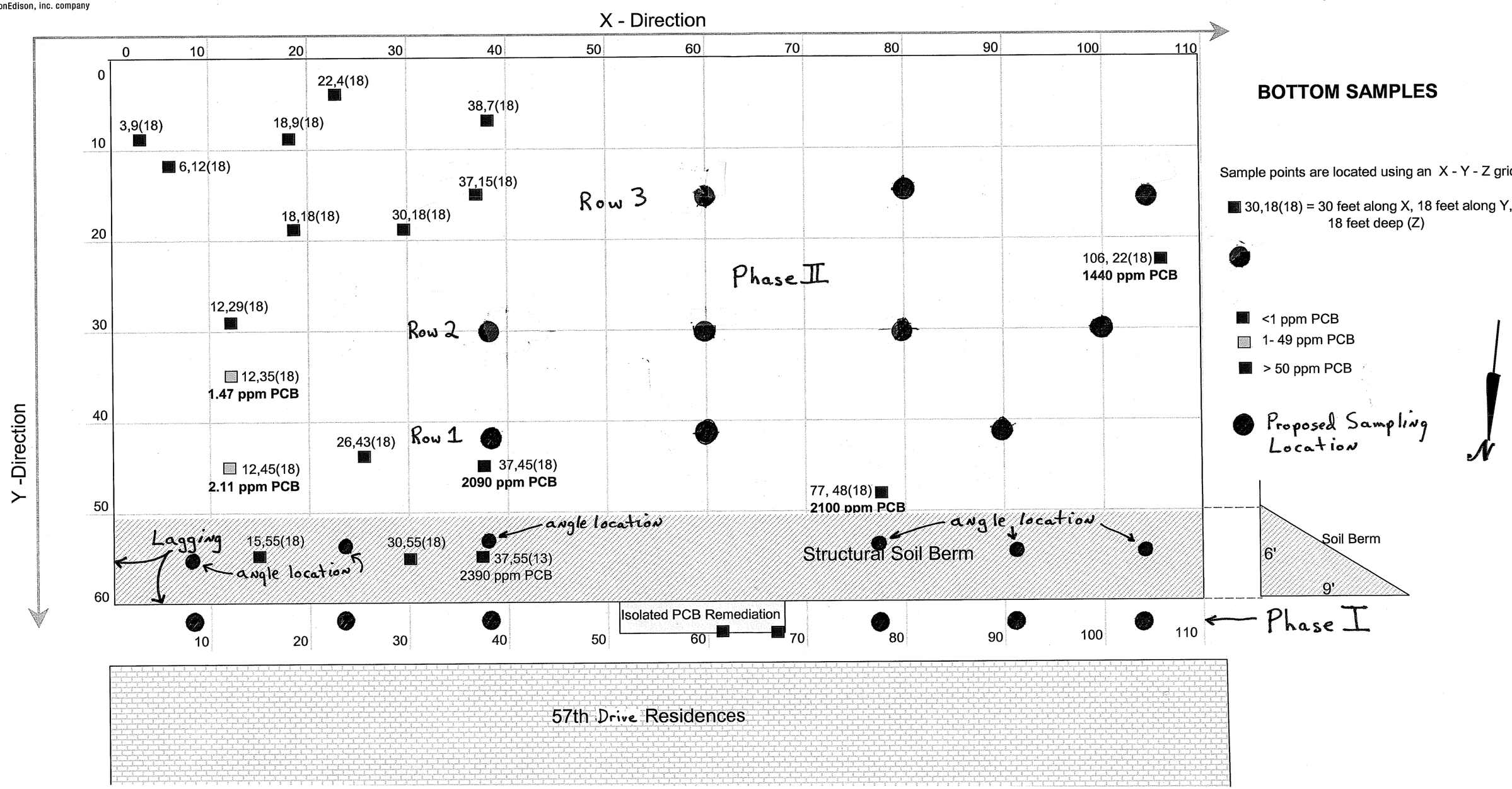
Gregory A. DelMastro, PG
Program Manager

Cc: B. Cohen
J. Rutowski
J. Rommel
T. O'Connell
V. Desadario
D. Hill
B. Bline
D. Moore

Jacques Whitford

conEdison
a conEdison, inc. company

Consolidated Edison Company
of New York, Inc.
31-01 20th Avenue
Long Island City NY 11105-2048



BOTTOM SAMPLES

Sample points are located using an X - Y - Z grid

30,18(18) = 30 feet along X, 18 feet along Y, 18 feet deep (Z)

- <1 ppm PCB
- 1- 49 ppm PCB
- > 50 ppm PCB

Proposed Sampling Location

N

Figure 1

Basemap prepared by:
Con Edison

Jacques Whitford

Engineering, Scientific, Planning and Management Consultants

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July 30, 2007

Mr. Edward R. Wiederkehr
Consolidated Edison Company of New York, Inc.
30-01 20th Avenue, Bldg 136, 2nd Floor
Long Island City, NY 11105-2048

Re: Remedial Excavation Work Plan
For Residential Yards and Fence Line Soil Contamination
Former Maspeth Substation
Queens, New York

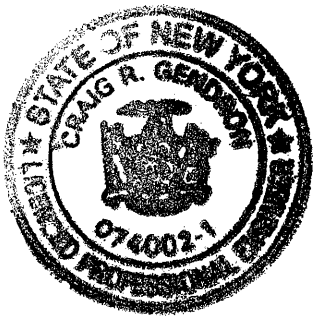
Dear Mr. Wiederkehr:

Jacques Whitford Engineering Group, Inc., P.C. (Jacques Whitford) has provided the attached Excavation Work Plan for the former Maspeth Substation Site to the Consolidated Edison Company of New York, Inc. (Con Edison) for your review and comment prior to your submittal of the document to the New York State Department of Environmental Conservation (NYSDEC). This Work Plan addresses the removal of impacted soil, which exceeds the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) No. 4046 RSCOs at both the fence line locations and off-site properties associated with the former Maspeth Substation.

We are pleased to be of continued service to Con Edison on this project. As always, please contact us with any questions.

Sincerely,
JACQUES WHITFORD ENGINEERING GROUP, INC., P.C.

Craig Gendron, PE
NYS Professional Engineer
License No. 074002-1



Enclosure
CC: B. Cohen
J. Terlicki
J. Rommel
G. DelMastro
D. Hill

REMEDIAL EXCAVATION WORK PLAN
FOR RESIDENTIAL YARDS AND FENCE LINE SOIL CONTANINATION
FORMER MASPETH SUBSTATION

This Remedial Excavation Work Plan (Work Plan) outlines the proposed scope of work to remove PCB-impacted soil from two (2) discrete areas located along the fence line as well as from three (3) residential backyards adjacent to the former Maspeth Substation, located at 57-77 Rust Street, Queens, New York (Site). This Work Plan addresses the removal of near-surface (up to 2.5 feet below grade) PCB-impacted soil at off-site properties located to the north and bordering the former Maspeth Substation. The three (3) off-site properties include the following addresses: 57-40, 57-42, and 57-48 57th Drive, Maspeth, New York. The specified locations and depths of the impacted soil to be removed are based on recent horizontal and vertical analytical sampling data. In addition, PCB contamination has been detected at the fence line behind two of the residences along 57th Drive; 57-30 and 57-42. The extent of the discrete removal locations are illustrated on the attached Excavation Site Plan (see Figure 1).

The scope of work will be completed by a Contractor retained by the Consolidated Edison Company of New York, Inc. (Con Edison) using excavation and vacuum methods. Groundwater is not anticipated to be encountered during these excavation activities. All elevations reference an assumed benchmark of El. 0 (approximate on-site pre-remediation site grade).

The objective of these activities will be to remove any surface impedances (decks, patios, etc.) to obtain access to the surface and subsurface soils, remove the impacted material, backfill the excavations, and restore the sites to their pre-excavation conditions.

Analytical Results

A total of six (6) sampling locations (see Figure 1) require the removal of PCB-impacted soil. The six (6) sampling locations include:

Northern Site Fence Line:	Location MA-GP-57-30 (10ft bgs) 1.83 ppm PCBs
	Location MA-GP-62, 64 (~6ft bgs) 334 ppm PCBs
	Location MA-GP-67, 64 (~5ft bgs) 762 ppm PCBs
Off-site:	Location 57-40 57th Drive, MA-GP-82, 67 (0-2") 1.170 ppm
	Location 57-42 57th Drive, MA-GP-71, 68 (0-2') 1.040 ppm
	Location 57-48 57th Drive, MA-GP-23, 66 (0-2") 1.020 ppm

The target soil cleanup objective at all areas and depths is 1 ppm PCBs for this project.

Protection of Existing Structures

Earthwork operations will be controlled in an effort to protect adjacent residential buildings from damages caused by loss of bearing soils and/or construction vibrations as a direct result of the procedures outlined in this Work Plan. Compaction-related vibrations will be monitored and maintained below the desired threshold limit value (TLV) set for the adjacent residential buildings. In addition, deflection monitoring will be performed at critical locations. The fence line excavation will be achieved using a slide

rail trench box system to minimize mobilization or loss of bearing soils within the bearing zone of the residential foundations and slabs. The recent post excavation survey prepared by Sevenson will be used as the preconstruction structural conditions survey for the residences located at 57-28, 57-30, 57-32 and 57-42 57th Drive adjacent to the proposed trench box excavations.

Vibrations at the adjacent existing structures are subject to a TLV of 0.2 inches per second. This TLV may need to be modified, based on observed field conditions, feedback from neighbors, and the results of deflection monitoring. The vibration and deflection monitoring equipment will be installed prior to mobilizing equipment to the Site.

Northern Site Fence Line Soil Excavation

A slide rail trench box excavation technique will be used to remove the impacted soils in the northwest corner of the Site (see location MA-GP-57-30 on Figure 1) to a depth corresponding to El. -12 feet. The trench box technique will also be used to remove the soils beneath the fence line at locations MA-GP-67-64 and MA-GP-62-64 to a depth corresponding to El. -7 feet. The trench box is intended to allow controlled, discrete soil removal, while preventing cave-in of the excavation. Post excavation sidewall samples will be collected prior to both of the trench box installation using Geo-Probe sampling methods. The sampling method will be the same as used in the previous trench box operations within the larger excavation footprint. For example, the dimensions of the trench box outline will be established in the area to be excavated. Soil samples will be collected adjacent to the four sides of the box walls at the target depth prior to excavation and will be submitted for PCB analysis. The sample collection will proceed several days prior to excavation to determine analytical results and whether the excavation dimension will need adjustment.

Prior to placement of the trench box at location MA-GP-57-30, the surrounding soil will be cut back on a 1 to 1 slope (see Section A-A' on Figure 2). This will allow for the use of only 1 trench box instead of adding/stacking a second box on top, which would obscure the line of sight for the operator. The trench box dimensions are approximately 8 ft wide x 16 ft long x 8 ft deep. The excavation extent will initially be 12 feet below grade before a post-excavation soil sample (@12 ft bgs) is collected from the bottom of the excavation. The 12-foot soil sample will be collected from the bucket of the excavator using a decontaminated stainless steel spatula in a manner consistent with previous on-site soil sampling. The sample will be couriered to a certified laboratory for PCB analyses on a 24-hour turn around basis. The trench box will remain in-place until the post-excavation sample result is received and the value is below the regulatory level of 1 ppm. Additional excavation may be required depending on the analytical results for the sample collected at the target excavation depth.

The trench box will also be used to remove the soil beneath the fence line at locations MA-GP-67-64 and MA-GP-62-64 (see Figures 1 and 2). Once the fence and concrete footing along the length (approximately 18 linear ft) of this backyard are temporarily removed, a trench box measuring 6 ft wide x 12 ft long x 8 ft deep will be positioned over previous sampling locations MA-GP-67, 64 and MA-GP-62, 64. Excavation of the soils within the trench box (see Section B-B' on Figure 2) will continue until a depth of approximately 7 ft bgs is obtained. Following excavation, a post-excavation soil sample (@ 7 ft bgs) will be collected from the bottom of the excavation in the manner described

above for delivery to a certified laboratory for PCB analyses on a 24-hour turn around basis. The trench box will remain in-place until the post-excavation soil sample result is received and the value is below the regulatory level of 1 ppm. Additional excavation may be required depending on the analytical results for the sample collected at the target excavation depth.

The excavated soils will be direct-loaded into lined and tarped trucks to contain the suspected PCB-impacted soils. The trucks will transport the soils off-site to a Con Edison approved disposal facility. All of the soil excavated from the hot spot locations MA-GP-67,64 and MA-GP-62,64 beneath the fence footing will be managed as PCB hazardous waste. PCB-impacted soil excavated for Location MA-GP-57-30 will be managed as non-hazardous waste, unless it is combined with the PCB hazardous waste soil, in which case the combined waste will be managed as PCB hazardous waste.

Northern Site Fence Line Backfill/Grade

The subsurface soils will be restored to at least the relative density that existed prior to the remedial excavations, and to meet the general intent of the New York City Building Code (NYCBC), Title 27, Subchapter 11, "Foundations".

Following the soil removal operations, the excavated areas will be backfilled to their pre-excavation elevations per the Remedial Action Work Plan (RAWP, Dated 10/04). The new backfill material (e.g., Item No. 4, or equivalent) will first be chemically tested in accordance with the parameters outlined in the NYSDEC-approved RAWP prior to use on-site. Backfill material will be required to bring the excavations up to grade. The backfill material (Item No. 4, or equivalent) will be placed in 1-foot lifts and will be completed with hand held vibratory compactors.

Off-site Soil Excavation

Based on the analytical soil data, surface soil will be removed from three (3) off-site properties. The three (3) off-site properties include the following addresses: 57-40, 57-42, and 57-48 57th Drive, Maspeth, New York (see Figure 1).

Prior to the removal of soil from each resident backyard, the ground cover materials, such as decking, concrete, or other cover material will be removed and stored on the former Maspeth Substation Site for either future replacement (if suitable) or disposal (e.g., broken concrete). In addition, temporary fencing will be installed between the residences and the former Maspeth Substation Site. Once each location is prepared, the soil will be removed via hand tools and/or via vacuum excavation. At residence 57-42 57th Drive, based on analytical results, the soils will be removed to a depth of 2.5 ft. At residences 57-40 and 57-48 57th Drive, based on analytical results, the soils will be removed to a depth of 6 inches. In the backyard of the residence at 57-42 57th Drive, a tree will be removed and soil removal will then begin. The soils will be loosened with hand tools and will be vacuumed and contained into a Vactron or vac box located on the Site. The material will be transported off-site to a Con Edison approved disposal facility as non-hazardous waste.

A post-excavation soil sample will be collected from each residence backyard. The soil samples will be collected from the bottom of the excavation. The soil samples will be analyzed on a 24 hour turn around basis for PCB analyses. The shallow excavations

will remain open until the post-excavation sample results are received and the values are below the 1 ppm PCB target cleanup level. During this period, temporary fencing will be installed at each residence to prevent access to each excavation area and caution tape will be placed across exit doorways as a warning that there is a shallow excavation. Additional soil removal below the anticipated excavation depths may be required depending on the analytical results from samples at these locations.

Off-site Backfill/Grades

Once acceptable post-excavation soil samples are obtained, clean backfill will be replaced to original grade at each of the residential properties. Prior to backfilling, the material will be tested in accordance with the parameters outlined in the NYSDEC-approved RAWP. Once backfill materials are in-place, the decks, patios, etc., for each of the residential properties will be reconstructed and returned to their pre-excavation condition by Contractors hired by each property Owner and reimbursed by Con Edison. Con Edison's Contractor will replace the tree in the backyard of the residence at 57-42 57th Drive.

Reporting

During implementation of this Work Plan, weekly progress reports will continue to be submitted to the NYSDEC. Following the completion of the scope of work contained in this Work Plan, the information generated from the Northern Site fence line excavation will be included in the Final Engineering Report for the Site and a separate Off-site Soil Removal Report will be prepared. The Off-site Soil Removal Report will contain the scope of work performed at the three adjacent residences, modifications, if any, to the scope of work, a figure illustrating the sampling and excavation locations, tabulated analytical data, certification of the fill material, photographs, and manifests/bills-of-lading for the impacted soil disposal.

57th DRIVE

EXISTING BUILDINGS

#57-26 #57-28 #57-30 #57-32 #57-34 #57-36 #57-38 #57-40 #57-42 #57-44 #57-46 #57-48 #57-50

MA-GP-82,67
(0-2 in) 1.170ppm

MA-GP-57-30
(10 ft) 1.83ppm

MA-GP-71,68
(0-2 ft) 1.040ppm

MA-GP-62,64
(6 ft) 334ppm

MA-GP-23,66
(0-2 in) 1.020ppm

A

A'

VARIES

TRENCH BOX 8'X16'

1H:1V

B

B'

TRENCH BOX 6'X12'

MA-GP-67,64
(5 ft) 762ppm

NORTH

15 0 15

SCALE IN FEET

RUST STREET (TWO-WAY)

SITE

58th STREET ONE WAY

STATE OF NEW HAMPSHIRE CRAIG R. GENDRON 07/4002-1 LICENSED PROFESSIONAL ENGINEER 7/30/07

Legend

- ● – < 1 ppm PCB
- ○ – 1-49 ppm PCB
- ● – > 50 ppm PCB
- Existing Lagging

SAMPLE DESIGNATION:

GP (2-6) – GEOPROBE BORING – FEET OR INCHES BELOW SURFACE

NOTES

1. Shaded area includes soil removal off-site to a depth of 6-inches below grade at residences 57-40 and 57-48.
2. Shaded area includes soil removal off-site to a depth of 2.5-feet below grade at residence 57-42.
3. Install Trench Box behind residence 57-30 on Con Edison Property. Excavate to 12' for confirmatory samples.
4. Install Trench Box behind residence 57-42 on both Con Edison and residence property. Excavate to 7' for confirmatory samples.
5. See Figure 2 for excavation support details, Sections A-A' and B-B'

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE				
DATE PREPARED: 11-9-05	DESIGNED BY: GRM	DRAWN BY: ADK	CHECKED BY: DFM	REVIEWED BY: CRG
REVISION DATE: 6-20-07	REVISION NO: 1	DRAWN BY: RLS	CHECKED BY: NCD	REVIEWED BY: GD
PROJECT NAME/FILE NAME: CONED MASPETH/SITE		PROJECT NUMBER/PHASE: 1012163.	SCALE: AS SHOWN	

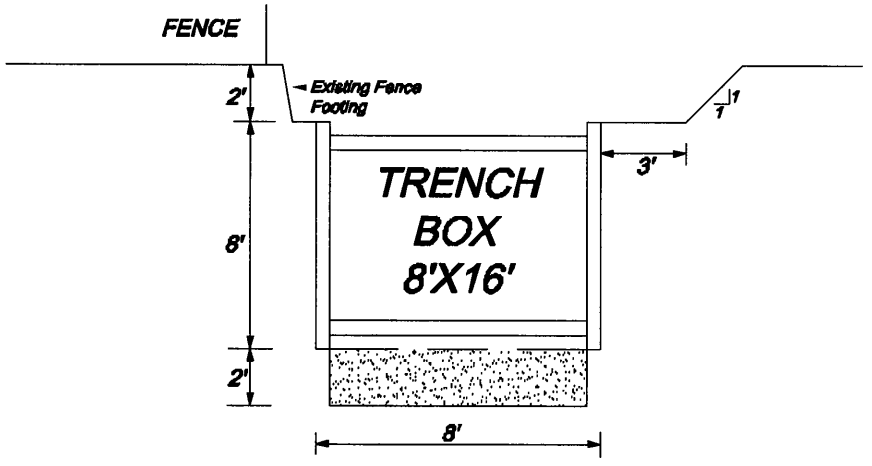
DRAWING TITLE:

SOIL REMOVAL LOCATION PLAN

FORMER CON EDISON MASPETH SUBSTATION
57-77 RUST STREET
MASPETH, NEW YORK

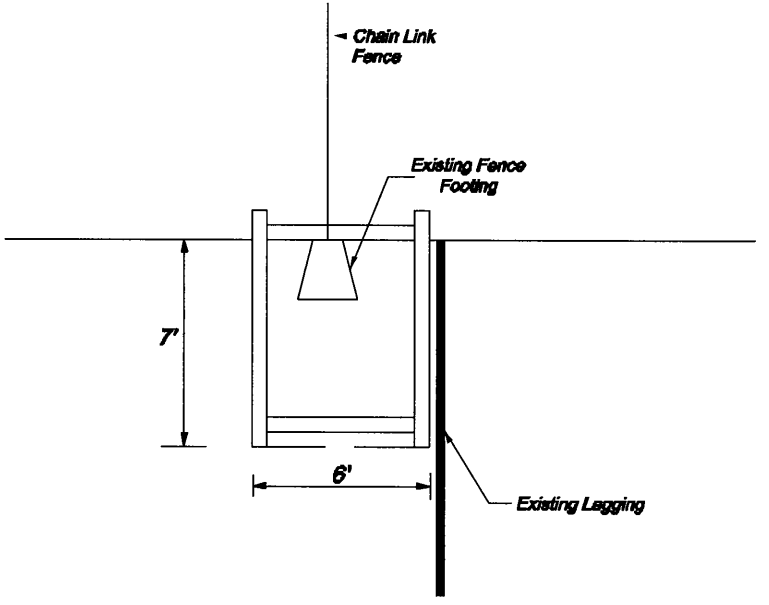
PREPARED FOR: CONSOLIDATED EDISON CO. OF NEW YORK, INC.

FIGURE NO. 1



Note: Shaded area below bottom of trench box to be excavated in segments prior to post excavation sample collection.

SECTION A-A'



TRENCH BOX 6'X12'

SECTION B-B'

7/30/07

STATE OF NEW YORK
CRAIG R. GENDRON
074002
LICENSED PROFESSIONAL ENGINEER

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE					DRAWING TITLE: EXCAVATION SUPPORT DETAILS
DATE PREPARED: 11-9-05	DESIGNED BY: GRM	DRAWN BY: ADK	CHECKED BY: DFM	REVIEWED BY: CRG	FORMER CON EDISON MASPETH SUBSTATION 57-77 RUST STREET MASPETH, NEW YORK
REVISION DATE: 6-20-07	REVISION NO: 1	DRAWN BY: RLS	CHECKED BY: NCD	REVIEWED BY: GD	FIGURE NO. 2
PROJECT NAME/FILE NAME: CONED MASPETH/SITE		PROJECT NUMBER/PHASE: 101216.5.		SCALE: NTS	PREPARED FOR: CONSOLIDATED EDISON CO. OF NEW YORK, INC.

Jacques Whitford

Engineering, Scientific, Planning and Management Consultants

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Project No. 1012163.

June 6, 2008

Mr. Edward R. Wiederkehr
Consolidated Edison Company of New York, Inc.
30-01 20th Avenue, Bldg 136, 2nd Floor
Long Island City, NY 11105-2048

Re: Remedial Excavation Work Plan - Addendum
For Residential Yards and Fence Line Soil Contamination
Former Maspeth Substation Site
Queens, New York

Dear Mr. Wiederkehr:

Jacques Whitford Engineering Group, Inc., P.C. (Jacques Whitford) has provided the attached Remedial Excavation Work Plan - Addendum for the former Maspeth Substation Site to the Consolidated Edison Company of New York, Inc. (Con Edison) for your review and comment prior to your submittal of the document to the New York State Department of Environmental Conservation (NYSDEC). This Work Plan Addendum addresses the removal of impacted soils, which exceed the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) No. 4046 Recommended Soil Cleanup Objectives (RSCO), under the northern fence line concrete footer and on one off-site property located north of the former Maspeth Substation Site.

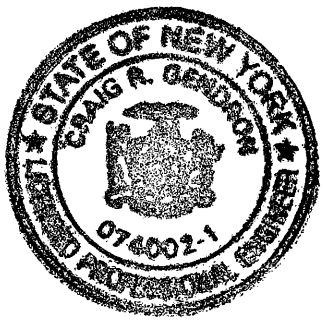
Con Edison has received an excavation plan and supporting calculations that have been reviewed by a registered New York State Professional Engineer and has provided that plan to Jacques Whitford. Jacques Whitford's role in this remedial effort is to develop an Addendum to the original Work Plan that addresses the remaining soil that exceeds regulatory standards. The means and methods to remove that soil without causing damage to the adjacent buildings are the sole responsibility of the Contractor and their geotechnical consultant (who sealed the subject excavation plan). Jacques Whitford has, however, reviewed the Contractor's proposed approach and finds that their overall concept for the excavation and removal procedures appears reasonable.

We are pleased to be of continued service to Con Edison on this project. As always, please contact us with any questions.

Sincerely,

JACQUES WHITFORD ENGINEERING GROUP, INC., P.C.

Craig R. Gendron, P.G., P.E.
NYS Professional Engineer
License No. 074002-1



Enclosure

CC: B. Cohen
U. Samuel
G. DelMastro
D. Hill

(Remedial_Excavation_WP_Addendum_6-6-08.doc)

REMEDIAL EXCAVATION WORK PLAN - ADDENDUM
FOR RESIDENTIAL YARD AND FENCE LINE SOIL CONTAMINATION
FORMER MASPETH SUBSTATION – JUNE 2008

This Remedial Excavation Work Plan Addendum (Work Plan - Addendum) outlines the proposed scope of work to remove PCB-impacted soil from one remaining discrete area located underneath the fence line concrete footer and from one residential backyard adjacent to the former Maspeth Substation Site, located at 57-77 Rust Street, Queens, New York (Site).

During the course of remedial excavation within the former Maspeth Substation Site, elevated levels of PCB contamination were discovered on-site in October 2005 along the backyard property boundary behind the 57-42 57th Drive residence. Two of the end-point samples collected under the fence line, and below the fence footing (~ 6 feet below land surface (bls)), confirmed PCB contamination with concentrations of 334 ppm and 762 ppm.

As a result of this finding, Con Edison conducted subsurface soil sampling via Geoprobe® rig in November and December 2005. These 2005 soil samples were collected on the Site (or south) side of the fence that abuts the residential properties to the north, as close to the fence as was possible. The reported laboratory results indicated exceedances of NYSDEC TAGM 4046 RSCOs for PCBs at three locations. Based upon these results, Con Edison determined that additional sampling was required on the residential side of the north fence. The purpose of this additional sampling was to determine whether there were any off-site impacts to soils on the abutting properties.

In May and June 2007, Con Edison conducted this additional soil sampling. Samples were collected by hand (at the surface) and by Geoprobe® rig (at depth) from each of the backyards abutting the Site. Sample depth intervals were identical to the 2005 borings except that the final depth was thirty feet bls rather than the previously completed 18 foot bls depths. The analytical results from this sampling event reported Total PCBs at concentrations below the laboratories Method Detection Limit (MDL) in the majority of the samples with three samples having reported concentrations of Total PCBs above the Residential Cleanup Standard of 1 ppm. These three samples were located in the surface soils (from 2-inches to 2-feet) in the back yards of #57-40, #57-42, and #57-48, respectively. Results of this sampling work were presented in Jacques Whitford's letter report Results of Residential Soil Sampling, Former Maspeth Substation, Maspeth, New York, dated July 18, 2007.

Based on the 2005 and 2007 results, Con Edison prepared a Remedial Excavation Work Plan For Residential Yards and Fence Line Soil Contamination, dated July 30, 2007 for NYSDEC review. That Work Plan presented remedial excavation activities for removing PCB impacted soils from underneath the concrete fence footer and from the three residential backyards. That Work Plan was subsequently accepted by NYSDEC in a letter to Con Edison dated August 9, 2007.

The remedial excavation activities along the northern boundary of the Site, described in the July 30, 2007 Work Plan, were undertaken in October through December 2007. Surficial soils in the three residential backyards were excavated using hand tools and vacuumed and contained into a Vactron® unit for proper off-site disposal. Post-excavation confirmatory soil samples indicated clean closure of surficial soils in these backyards. Impacted soils at depth from under the concrete footer were removed via a slide rail trench box excavation technique. However, post-excavation confirmatory soil samples at depth, collected from behind 57-42 and 57-44 on

November 27, 2007 had reported Total PCBs at concentrations greater than 1 ppm. On December 5 and 6, 2007, additional smaller excavations were conducted under the concrete footer and additional post-excavation samples were collected. Results for one sample, identified as MA-SSB-55.5,64 (9.0 ft), reported Total PCBs at 9.64 ppm. These smaller excavation areas were subsequently backfilled with concrete.

Based on the excavation work conducted to that point, Con Edison determined not to continue to excavate without an understanding of the vertical and lateral extent of PCB contaminated soils remaining in this area and without an engineering design in place to support the various structures during subsequent remedial excavation work. Con Edison then requested the vertical and lateral extent of PCB contaminated soils remaining in this area of the Site be delineated prior to remobilizing for excavating purposes.

From January 2 to 4, 2008, additional soil samples from underneath the concrete footer, from the backyard of 57-42, and from underneath the foundation of 57-44 were collected with a Geoprobe® rig drilling at various angles and with a hand driven Geoprobe® sampling unit and submitted for laboratory analysis for PCBs. Based on the soil analytical results from this sampling event as well from the soil samples collected in November to December 2007, the two remaining hot spot areas have been delineated.

This Work Plan - Addendum, therefore, addresses the removal of PCB-impacted soil remaining underneath the concrete fence footer behind 57-44 57th Drive and in the backyard of 57-42 57th Drive. The scope of work presented herein will be completed by a Contractor retained by Con Edison using various excavation/removal methods. Groundwater is not anticipated to be encountered during these excavation activities. All elevations reference an assumed benchmark of El. 0 (approximate on-site pre-remediation site grade). The objective of these activities will be to obtain access to the subsurface soils, remove the impacted material, backfill the excavations, and restore the sites to their pre-excavation conditions.

Analytical Results

The extent of the two remaining hot spot areas are illustrated on the attached Sampling Location Plan and Profiles One through Three. The analytical data are presented in Table 1.

A total of two sampling locations remain on Site that require the removal of PCB-impacted soil. The two sampling locations include:

Northern Site Fence Line:	Location MA-SW-55.5,64 (9.0 ft bgs) 9.64 ppm PCBs	
Off-site:	Location 57-42 57th Drive,	MA-SW-58,66 (6 ft bgs) 2.032 ppm MA-SW-58,66 (7.5 ft bgs) 2.210 ppm

Consistent with previous remedial activities conducted at this Site, the target soil cleanup objective at all areas and depths is 1 ppm PCBs.

Protection of Existing Structures

Earthwork operations will be controlled by Con Edison's Contractor in an effort to protect the adjacent residential buildings from damages caused by loss of bearing soils and/or construction vibrations as a direct result of the procedures outlined in this Work Plan - Addendum. The Contractor will be implementing monitoring as outlined in the July 30, 2007 Work Plan.

Northern Site Fence Line Soil Excavation

A slide-rail trench-shield excavation technique will be used to access the area of impacted soils under the concrete fence footer in the northern portion of the Site (see location MA-SW-55.5,64 (9.0 ft) on the attached Sampling Location Plan, Profiles One and Three). The trench shield will be set up on the southern side (M&A Linens' property) to allow controlled, discrete soil removal to a depth of El. -8 feet. The fence and concrete footing along the length of this area will be temporarily removed to facilitate removal of the PCB-impacted soils. Considering that the horizontal and lateral extent of PCB impacted soils has been identified, as discussed above, post excavation sidewall and bottom samples will not be collected.

Once the area grades have been established at El. -8, a cased over-drilling technique will be used to remove the impacted soils to a depth corresponding to El. -12 feet. This elevation was selected as it is the horizon at which the lowest "clean" confirmatory sample was obtained during delineation activities. Successive overlapping of the over-drill technique is necessary to remove all soil within the designated areas as shown on the attached plan-view sketch provided by Moretrench and Sevenson, the excavation and general contractors selected by Con Edison. A 24-inch diameter steel casing will be slowly rotated into the ground to a depth of El. -12 feet. The soils within the casing will then be augered out and placed on plastic sheeting for immediate removal and off-site transportation and disposal.

Upon removal to El. -12 feet, each over-drill technique will be tremie-grouted with flowable fill (a.k.a. Controlled Low Strength Material, or CLSM), from the bottom to the top of the casing. The process of over-drilling will then continue in an overlapping method until the required volume of contaminated soil is removed. In this manner, no support of the house foundation will be required.

The removed soils will be loaded into lined and tarped trucks to contain the suspected PCB-impacted soils. The trucks will transport the soils off-site to a Con Edison approved disposal facility. All of the soil excavated from the hot spot location MA-SW-55.5,64 will be managed as non-hazardous waste.

Northern Site Fence Line Backfill/Grade

Following the soil removal operations in this area, the concrete fence footer and fence will be repaired/replaced. The remaining excavated area (from El. -8 to 0) will be backfilled to its pre-excavation elevations per the Remedial Action Work Plan (RAWP, Dated 10/04). The new backfill material (e.g., Item No. 4, or equivalent) will first be chemically tested in accordance with the parameters outlined in the NYSDEC-approved RAWP prior to use on-site. The backfill material (Item No. 4, or equivalent) will be placed in 1-foot lifts and will be compacted with hand held vibratory compactors. Compaction testing will be conducted to achieve the requirements specified in the RAWP.

Off-site Soil Excavation

Based on the analytical soil data, subsurface soils will be removed from one off-site property: MA-SW-58,66 (6 and 7.5 ft) at 57-42 57th Drive (see attached Sampling Location Plan and Profile 2) utilizing the slide-rail trench-shield excavation and over-drilling technique as described above. At this location, the over-drilling will continue to a depth of El. -13, as this is the location or depth of a confirmatory sample collected in January 2008 that exhibited non-detect levels of PCBs.

The trench-shield excavation technique will be employed to remove the concrete fence footer and soils in the backyard of 57-42 in the vicinity of location MA-SW-58,66 to a depth of El. -8 feet. The over-drill technique will then commence as described above from this platform elevation to El. -13 ft. Again, by employing this overlapping over-drill technique, no support of the house foundation will be required.

Contaminated soils from each cased and augered excavation will be placed on plastic sheeting and then loaded into lined and tarped trucks to contain the suspected PCB-impacted soils. The trucks will transport the soils off-site to a Con Edison approved disposal facility. All of the soil excavated from the hot spot location MA-SW-58,66 will be managed as non-hazardous waste.

Off-site Backfill/Grades

Following the soil removal operations in this backyard, the concrete fence footer and fence will be repaired/replaced and backfill material (e.g., Item No. 4, or equivalent) with a top layer of loam and seed will be replaced to original grade at the residential property. Compaction testing will be conducted to achieve the requirements specified in the RAWP. Prior to backfilling, the fill material will be tested in accordance with the parameters outlined in the NYSDEC-approved RAWP. Once backfill materials are in-place, any landscaping items, such as decks or steps will be returned to their pre-excavation condition.

Reporting

During implementation of this Work Plan - Addendum, weekly progress reports will continue to be submitted to the NYSDEC. Following the completion of the scope of work contained in this Work Plan- Addendum, the information generated from the Northern Site fence line concrete footer excavation will be included in the Final Engineering Report for the Site and a separate Off-site Soil Removal Report will be prepared to address remediation activities completed in the residential off-site property. The Off-site Soil Removal Report will contain the scope of work performed at all adjacent residences, modifications, if any, to the scope of work, a figure illustrating the sampling and excavation locations, tabulated analytical data, certification of the fill material, photographs, and manifests/bills-of-lading for the impacted soil disposal.

TABLE 1
Former Maspeth Substation
Soil Sample Summary: Vicinity of 57-40, 57-42, and 57-44 57th Street

Sample Location	Sample Date	Sample Type	Depth (feet bls) *	Analytes	Chain of Custody	TOTAL PCBs (ppm)
MA-SW-51,62 (5)	11/11/2005	Grab	5	PCBs, TPH	0511278	0.13
MA-SW-51,64 (5)	11/11/2005	Grab	5	PCBs, TPH, VOCs, SVOCs	0511278	0.2
MA-SW-51,64 (9)	11/11/2005	Grab	9	PCBs, TPH	0511278	0.3
MA-SW-51,65 (14)	12/2/2005	Vibratory GP	14	PCBs	0512118	< 0.0073
MA-SW-51,64 (18)	12/2/2005	Geoprobe	18	PCBs	0512096	< 0.0069
MA-SW-53.5,64 (10.5)	1/2/2008	Geoprobe	10.5	PCBS	SA 72884	< 0.0340
MA-SW-54,64 (7.5)	12/6/2007	Grab	7.5	PCBs	SA 71943	0.142
MA-SSB-55.5,64 (9.0)	12/6/2007	Grab	9.0	PCBs	SA 71943	9.64/12.6
MA-SSB-55.5,64 (12)	1/2/2008	Geoprobe	12	PCBS	SA 72884	< 0.0310
MA-SW-55.5,65 (7.5)	12/6/2007	Grab	7.5	PCBs	SA 71943	0.0811
MA-SW-55.5,65 (10.5)	1/2/2008	Geoprobe	10.5	PCBS	SA 72884	< 0.0327
MA-SW-55.5,66 (11)	1/2/2008	Geoprobe	11	PCBS	SA 73370	< 0.0321
MA-SW-55.5,66 (14)	1/2/2008	Geoprobe	14	PCBS	SA 73370	< 0.0334
MA-SW-55.5,67 (11.5)	1/2/2008	Geoprobe	11.5	PCBS	SA 73370	< 0.0332
MA-SSB-58,65 (12)	1/3/2008	Geoprobe	12	PCBS	SA 72884	< 0.0310
MA-SSB-58,65.5 (10.5)	1/4/2008	Geoprobe	10.5	PCBS	SA 72957	< 0.0309
MA-SSB-58,66 (6)	1/4/2008	Hand Geoprobe	6	PCBS	SA 72957	2.032
MA-SSB-58,66 (7.5)	4/7/2008	Hand Geoprobe	7.5	PCBS	SA 76891	2.210
MA-SSB-58,66 (13)	1/3/2008	Geoprobe	13	PCBS	SA 73370	< 0.0290
MA-SSB-58,67 (7.5)	4/7/2008	Hand Geoprobe	7.5	PCBS	SA 76891	0.0455
MA-SW-59,65.5 (7.5)	12/5/2007	Grab	7.5	PCBs	SA 71906	0.340
MA-GP-59,67 (6.0-6.5)	8/27/2007	Geoprobe	6.0-6.5	PCBS	SA 67320	0.592
MA-SSB-59.5,64.5 (9.2)	12/5/2007	Grab	9.2	PCBs	SA 71906	0.484
MA-SSB-61,64 (8.5)	11/27/2007	Grab	8.5	PCBs	SA 71514	0.293
MA-GP-62,67.5 (2-6)	5/7/2007	Vibratory GP	2-6	PCBS	SA 61721	0.0188
MA-GP-62,67.5 (6-10)	5/8/2007	Geoprobe	6-10	PCBS	SA 61792	< 0.0318
MA-GP-62,67.5 (10-14)	5/8/2007	Geoprobe	10-14	PCBS	SA 61792	< 0.0304
MA-GP-62,67.5 (14-18)	5/8/2007	Geoprobe	14-18	PCBS	SA 61792	< 0.0318
MA-GP-62,67.5 (18-22)	5/8/2007	Geoprobe	18-22	PCBS	SA 61792	0.950
MA-GP-62,67.5 (22-26)	5/10/2007	Geoprobe	22-26	PCBS	SA 61922	< 0.0302
MA-GP-62,67.5 (26-30)	5/10/2007	Geoprobe	26-30	PCBS	SA 61922	< 0.0304
MA-SW-65,67 (7.5)	11/14/2007	Grab	7.5	PCBS	SA 71058	< 0.0331
MA-SSB-66,64 (7.5)	11/9/2007	Grab	7.5	PCBS	SA 70810	< 0.0309
MA-SSB-67,64 (7.5)	11/14/2007	Grab	7.5	PCBS	SA 71058	0.737
MA-SW-67,64 (9)	11/11/2005	Grab	9	PCBs, TPH	0511278	0.4
MA-SSB-68,67 (7.5)	11/20/2007	Grab	7.5	PCBS	SA 71357	< 0.0333
MA-SSB-69,71 (3)	11/7/2007	Grab	0.5	PCBS	SA 70711	0.0255

TABLE 1
Former Maspeth Substation
Soil Sample Summary: Vicinity of 57-40, 57-42, and 57-44 57th Street

Sample Location	Sample Date	Sample Type	Depth (feet bls) *	Analytes	Chain of Custody	TOTAL PCBs (ppm)
MA-SSB-70,64 (8.5)	11/26/2007	Grab	8.5	PCBS	SA 71454	< 0.0325
MA-GP-71,68 (2-6)	5/9/2007	Geoprobe	2-6	PCBS	SA 61870	< 0.0372
MA-GP-71,68 (10-14)	5/10/2007	Geoprobe	10-14	PCBS	SA 61922	< 0.0324
MA-GP-71,68 (14-18)	5/10/2007	Geoprobe	14-18	PCBS	SA 61922	< 0.0314
MA-GP-71,68 (18-22)	5/10/2007	Geoprobe	18-22	PCBS	SA 61922	0.138
MA-GP-71,68 (22-26)	5/10/2007	Geoprobe	22-26	PCBS	SA 61922	< 0.0306
MA-GP-71,68 (26-30)	5/10/2007	Geoprobe	26-30	PCBS	SA 61922	< 0.0316
MA-SW-73,65.5 (7.5)	11/26/2007	Grab	7.5	PCBS	SA 71454	< 0.0307
MA-SW-73,70.5 (8.5)	11/26/2007	Grab	8.5	PCBS	SA 71454	< 0.0309
MA-SW-74,64 (7.5)	11/26/2007	Grab	7.5	PCBS	SA 71454	< 0.0346
MA-SW-81,63 (2)	11/30/2005	Grab	2	PCBs	0512032	0.067
MA-SW-81,63 (6)	12/1/2005	Vibratory GP	6	PCBs	0512096	0.4
MA-SW-81,63 (10)	12/2/2005	Vibratory GP	10	PCBs	0512096	0.069
MA-SW-81,63 (14)	12/2/2005	Vibratory GP	14	PCBs	0512096	< 0.0070
MA-SW-81,63 (18)	12/2/2005	Geoprobe	18	PCBs	0512118	0.073
MA-SW-81,63 (21)	12/2/2005	Geoprobe	21	PCBs	0512118	< 0.0071

* bls = Depth below the established grade of the M&A Linens property, referenced to as elevation "0.0".

MORETRENCH

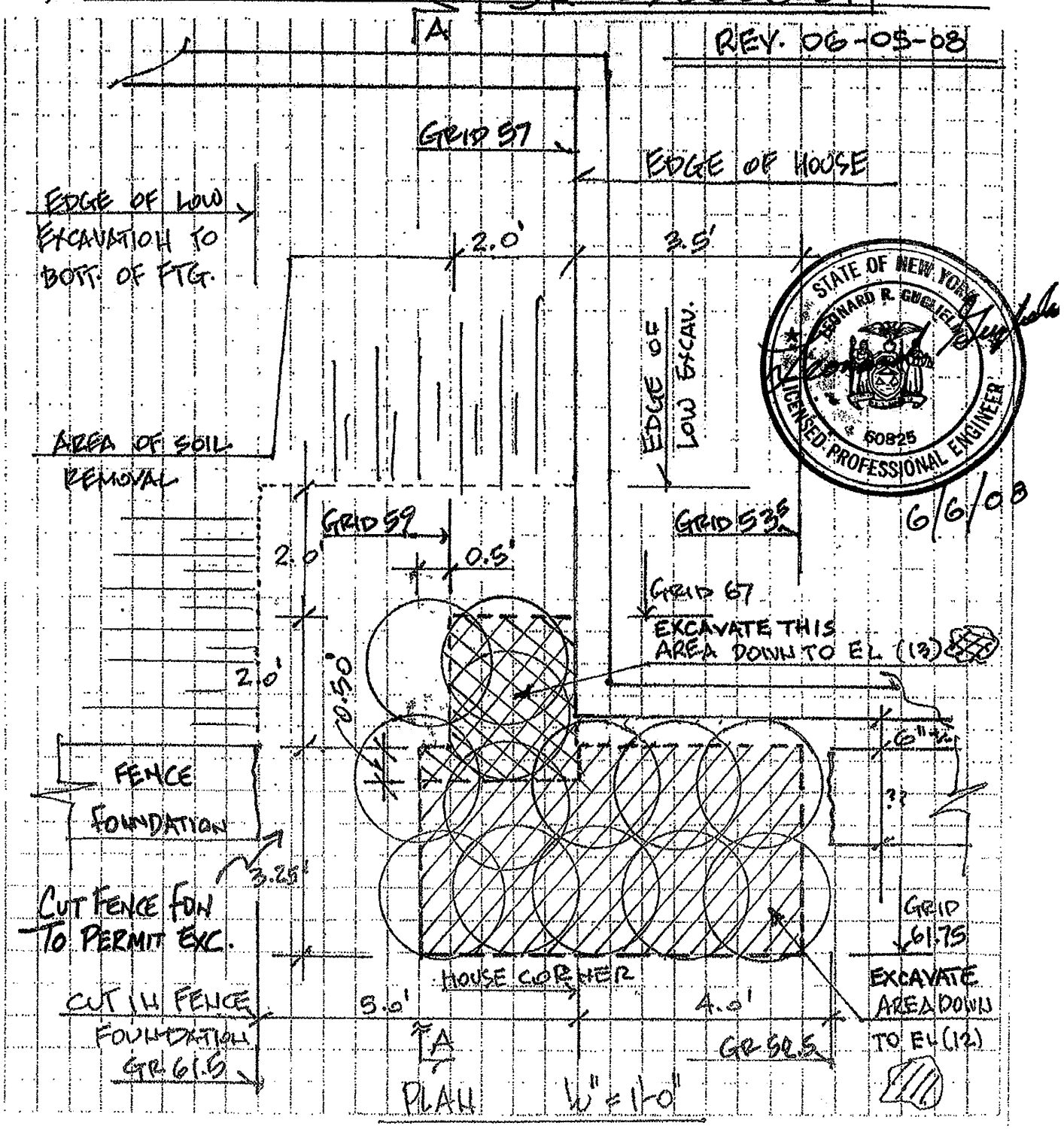
MORETRENCH CONTRACT # _____

PROJECT: _____ PAGE 1 of 2

CLIENT: SEVENSON. BY MST DATE 05-06-08

LOCATION: _____ CK _____ DATE _____

SUBJECT: RUST STREET - SK-050608.01



MORETRENCH

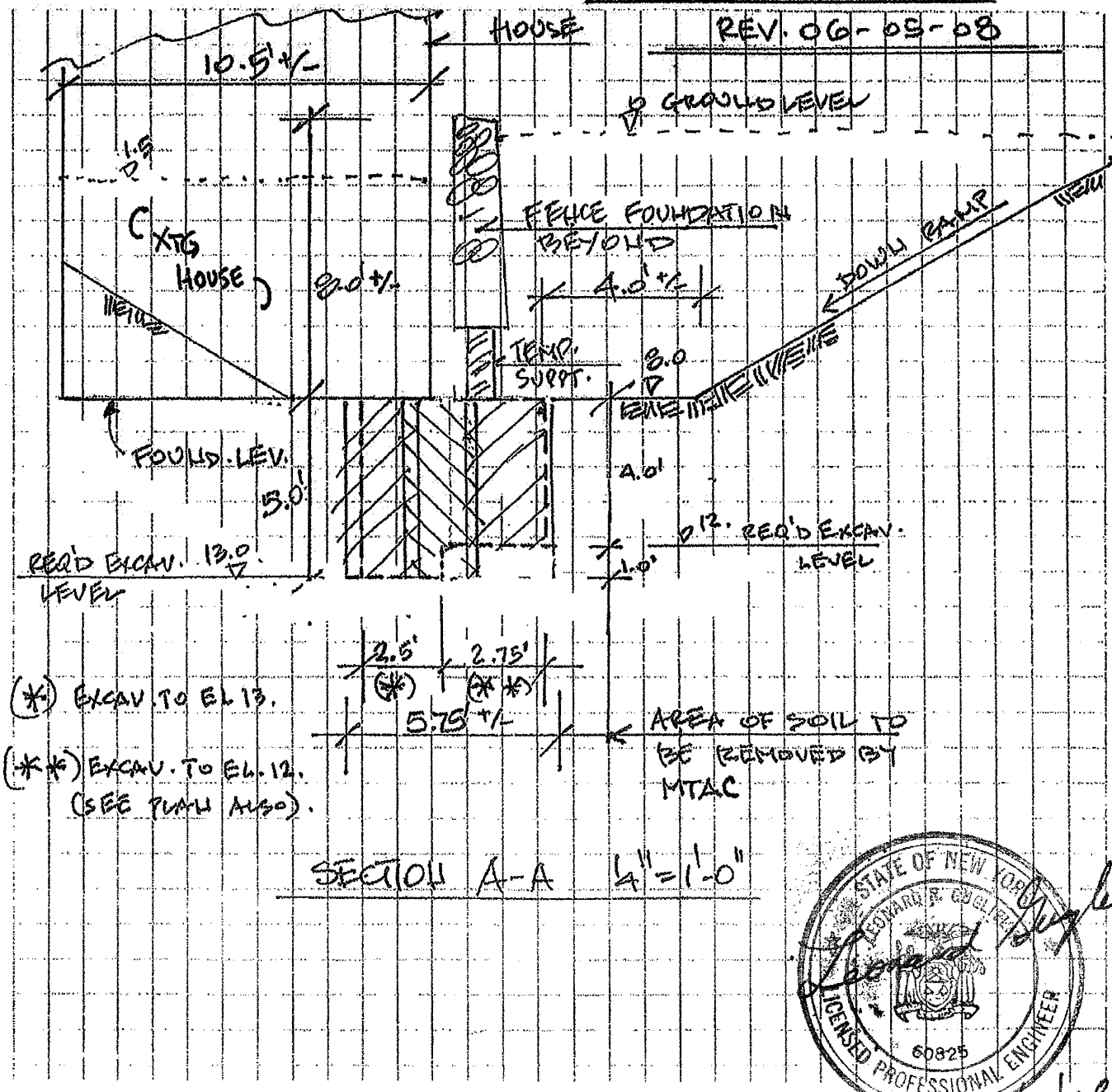
MORETRENCH CONTRACT # _____

PROJECT: _____ PAGE 2 of 2

CLIENT: STEVENSON BY MST DATE 05-06-08

LOCATION: _____ CK _____ DATE _____

SUBJECT: RUST STREET SK-050608-02



STATE OF NEW YORK LEONARD F. GUELLI LICENSED PROFESSIONAL ENGINEER 60825

6/6/08

The contaminated soil excavation method shown here-in represents a reasonable remediation approach consistent with industry standards. Certification is limited to the method only. This drawing is based upon contaminated soil test results and defined limits of excavation which have been provided by and which are the responsibility of Others. Lawful handling and disposal of all contaminated soil and certification that all contaminated soil has been removed is the responsibility of Others.

57-40

57-42

57-44

BACKYARD OF
57-42

MA-SSB-69,71
(3) 0.0255

MA-SW-73,70.5
(8.5) <0.0309

MA-GP-71,68
(2–6) <0.0372
(10–14) <0.0324
(14–18) <0.0314
(18–22) 0.138
(22–26) <0.0306
(26–30) <0.0316

MA-GP-62,67.5
(2–6) 0.0188
(6–10) <0.0318
(10–14) <0.0304
(14–18) <0.0318
(18–22) 0.950
(22–26) <0.0302
(26–30) <0.0304

MA-GP-58,67
(7.5) 0.0455

MA-GP-59,67
(6.0–6.5) 0.592

PROFILE 2

PROFILE 1

MA-SSB-68,67
(7.5) <0.0333

MA-SW-65,67
(7.5) <0.0331

MA-SW-58,66
(6) 2.032
(7.5) 2.210
(13) <0.0290

MA-SW-55.5,67
(11.5) <0.0332

MA-SW-55.5,66
(11) <0.0321
(14) <0.0334

MA-SW-58,65.5
(10.5) <0.0309

MA-SW-59,65.5
(7.5) 0.340

MA-SSB-59.5,64.5
(9.2) 0.484

MA-SW-55.5,65
(7.5) 0.0811
(10.5) <0.0327

MA-SW-73,65.5
(7.5) <0.0307

13"

FOOTING OF CHAINLINK FENCE
14" AT TOP, 30" AT BOTTOM

MA-SSB-67,64
(7.5) 0.737
(9) 0.4

MA-SSB-66,64
(7.5) <0.0309

PROFILE 3

MA-SW-54,64
(7.5) 0.142

MA-SW-53.5,64
(10.5) <0.0340

PROFILE 3

MA-SSB-58,65
(12) <0.0321

GP-51,64
(0–18) <1 ppm
(COLLECTED 11/05)

MA-SW-74,64
(7.5) <0.0346

MA-SSB-70,64
(8.5) <0.0325

MA-SW-55.5,64
(9.0) 9.64/12.6
(12) <0.0310

GP-81,63
(0–21) <1 ppm
(COLLECTED 11/05)

FOOTING OF CHAINLINK FENCE
14" AT TOP, 30" AT BOTTOM

MA-SSB-61,64
(8.5) 0.293

APPROXIMATE
LOCATION OF
LAGGING

APPROXIMATE
LOCATION OF
H–BEAMS

PROFILE 2

PROFILE 1

NORTH

2 0 2
SCALE IN FEET

Legend

< 1 ppm

1 – 49 ppm

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE

DATE PREPARED:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
6–3–08	DFM	ADK	DFM	DFM
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:

PROJECT NAME/FILE NAME:	PROJECT NUMBER/PHASE:	SCALE:
MASPETH/SITE	1012163.	AS SHOWN

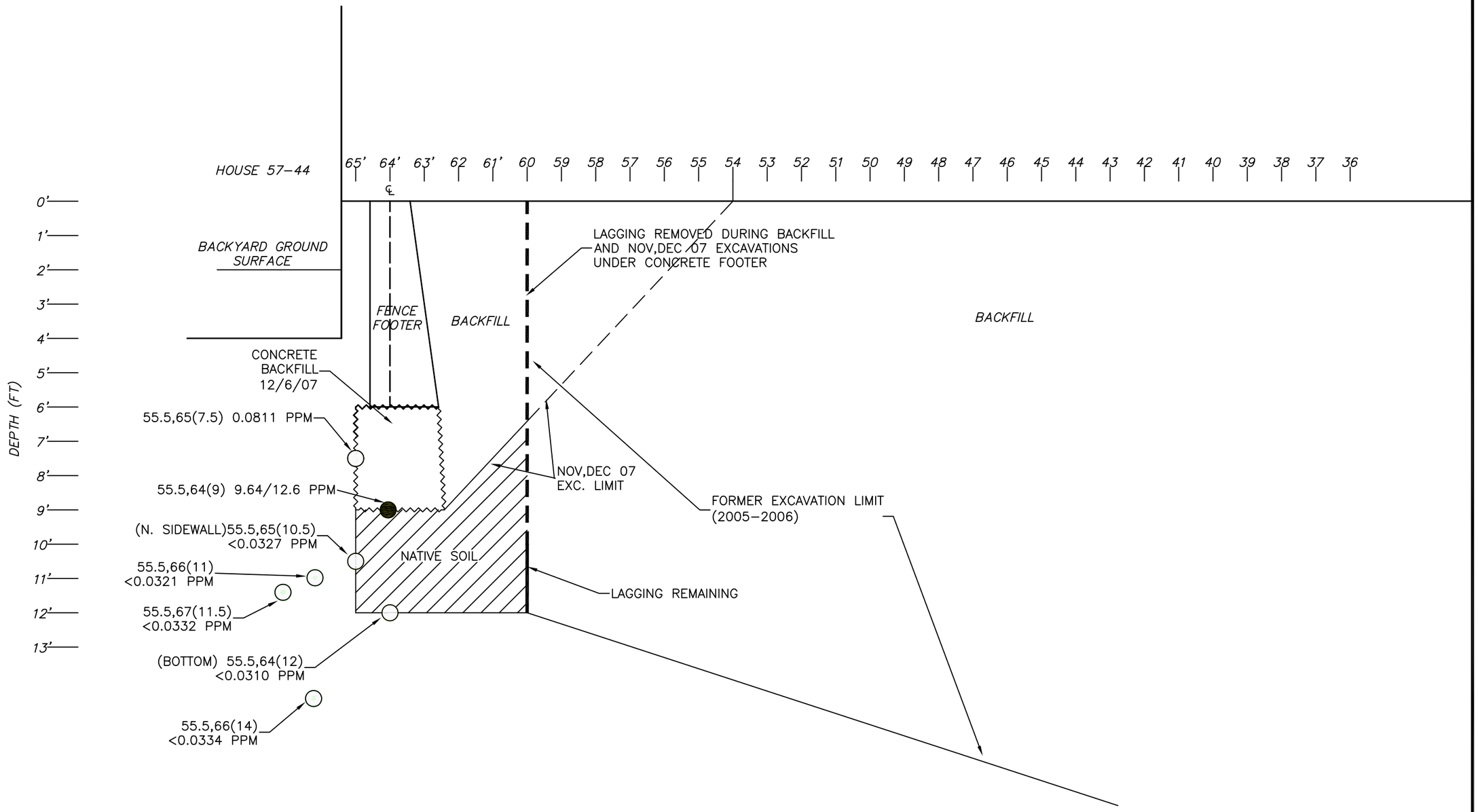
DRAWING TITLE:

SAMPLING LOCATION PLAN

FORMER CON EDISON MASPETH SUBSTATION
57–77 RUST STREET
MASPETH, NEW YORK

PREPARED FOR: CON EDISON

FIGURE NO. -



○ < 1 PPM PCB

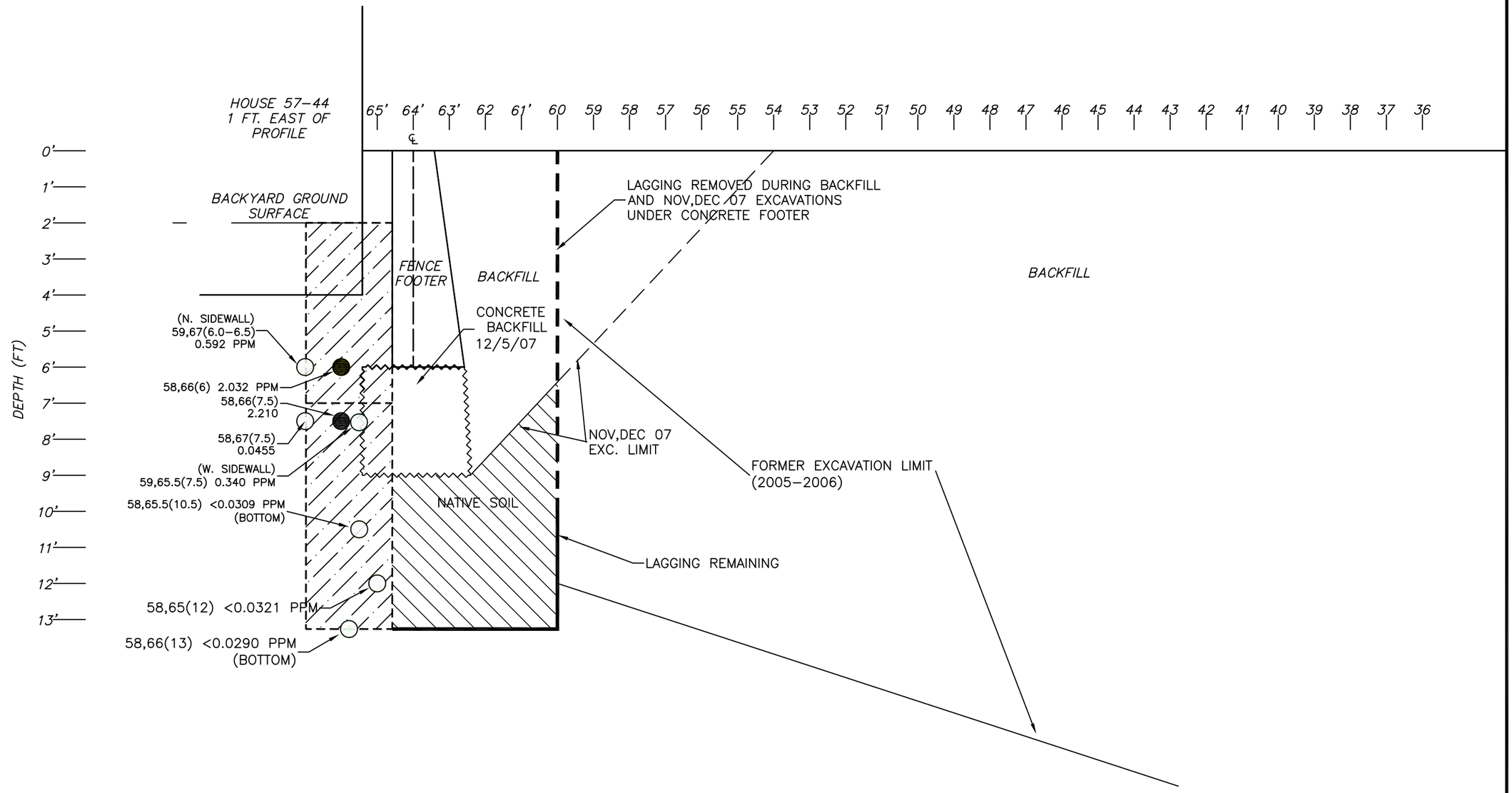
● 1–49 PPM PCB

3 0 3

SCALE IN FEET

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE					DRAWING TITLE: **PROFILE ONE**
DATE PREPARED: 4–24–08	DESIGNED BY: DFM	DRAWN BY: ADK	CHECKED BY: DFM	REVIEWED BY: DFM	FORMER CON EDISON MASPETH SUBSTATION 57–77 RUST STREET MASPETH, NEW YORK
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:	FIGURE NO. 1
PROJECT NAME/FILE NAME: MASPETH/SITE		PROJECT NUMBER/PHASE: 1012163.		SCALE: AS SHOWN	PREPARED FOR: CON EDISON



○ < 1 PPM PCB

● 1–49 PPM PCB

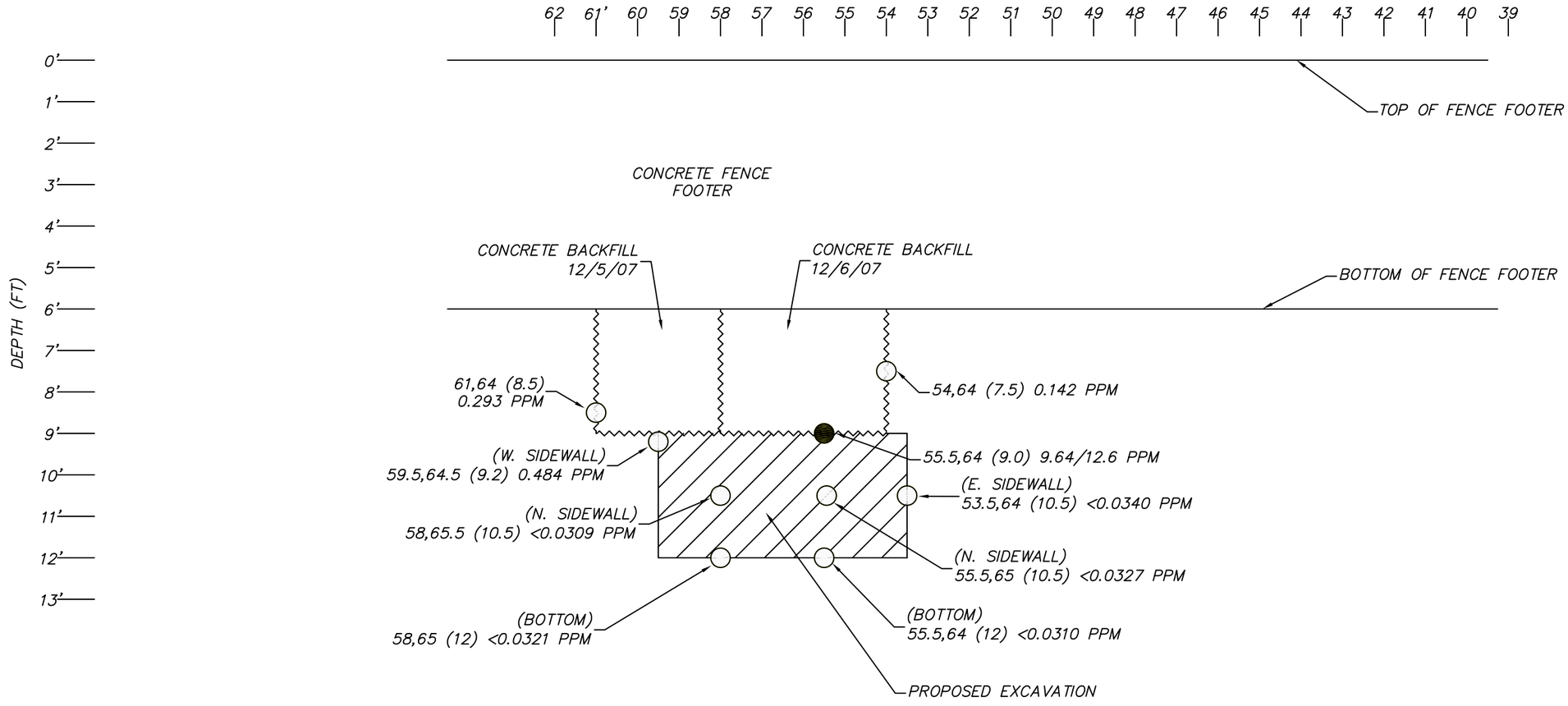
3 0 3

SCALE IN FEET

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE					DRAWING TITLE: **PROFILE TWO** FORMER CON EDISON MASPETH SUBSTATION 57–77 RUST STREET MASPETH, NEW YORK
DATE PREPARED: 6–3–08	DESIGNED BY: DFM	DRAWN BY: ADK	CHECKED BY: DFM	REVIEWED BY: DFM	
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:	
PROJECT NAME/FILE NAME: MASPETH/SITE		PROJECT NUMBER/PHASE: 1012163.	SCALE: AS SHOWN		PREPARED FOR: CON EDISON

FIGURE NO. 2



○ < 1 PPM PCB

● 1–49 PPM PCB

3 0 3

SCALE IN FEET

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE					DRAWING TITLE: **PROFILE THREE**
DATE PREPARED: 4–24–08	DESIGNED BY: DFM	DRAWN BY: ADK	CHECKED BY: DFM	REVIEWED BY: DFM	FORMER CON EDISON MASPETH SUBSTATION 57–77 RUST STREET MASPETH, NEW YORK
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:	FIGURE NO. 3
PROJECT NAME/FILE NAME: MASPETH/SITE		PROJECT NUMBER/PHASE: 1012163.	SCALE: AS SHOWN		PREPARED FOR: CON EDISON

January 25, 2007

Mr. Bryan Wong
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
47-40 21St Street
Long Island City, New York 11101

RE: Proposed Residential Sampling Plan
Former Maspeth Substation
57-77 Rust Street, Queens, NY
New York State Department of Environmental Conservation (NYSDEC)
Voluntary Cleanup Program Site No: V-00326

Dear Mr. Wong:

Con Edison is submitting this Proposed Residential Sampling Plan for the properties located along 57th Drive, north and adjacent to the former Maspeth Substation for your review, comment, and approval. This Sampling Plan presents proposed soil sample locations and depths for the residential backyards to determine if Poly-Chlorinated Biphenyl (PCB) contamination is present as a result of operations at the former Maspeth Substation.

As you know, during the course of the remedial excavation at the former Maspeth Substation site, elevated levels of PCB contamination were discovered in October 2005 along the backyard property boundary behind the 57-42 57th Drive residence. Two of the end point samples collected under the fence line, and below the fence footing (~6 feet bg), confirmed PCB contamination with concentrations of 334 ppm and 762 ppm (refer to Figure 1, attached).

As a result of this finding, in November and December 2005 Con Edison conducted subsurface soil sampling along the northern property line of the former Maspeth Substation site adjacent to the homes on 57th Drive, as illustrated on the attached Figure 1. There are 13 homes that border the Maspeth site. One soil boring was located adjacent to the backyard of each residence with the exception of 57-42 57th Drive. At each borehole location, a total of five soil samples were collected from intervals 0-2, 2-6, 6-10, 10-14, and 14-18 feet bg and submitted for chemical testing. However, behind the residence located at 57-42, a trench was excavated approximately 16' L x 4' W x 9' D, and nine samples were collected. All the soil samples were submitted to a laboratory, accredited by New York State Department of Health (NYSDOH), and analyzed for PCB concentrations. Two of the samples form the trench location revealed PCB contamination at approximately six feet bg (refer to Figure 2, attached). Analyses showed that all but four soil samples collected from

the boreholes indicated a concentration of <1 PPM of PCBs as illustrated on Figure 1. The soil from the four locations was subsequently excavated and disposed.

As required by the NYSDEC and NYSDOH, Con Edison has agreed to perform additional soil sampling for PCBs in each of the backyards along 57th Drive to verify whether the residential backyard soils were impacted by PCBs as a result of the substation operations. In collaboration with the NYSDEC and NYSDOH, Con Edison will arrange meetings with the residents along 57th Drive for a property reconnaissance to determine locations of sample collection. Con Edison will secure access agreements with the property owners prior to the sampling event. There are at least two addresses (57-50 & 57-44) along 57th Drive where the houses are built to the fence and do not have open, accessible yards. Therefore, soil samples will likely not be collected from these two residence areas. However, it is possible that soil beneath the basement floor may be accessed by drilling and coring through the concrete slab and advancing a sampling device to obtain soil sample for analysis. In this situation, it may be reasonable for the resident to decide whether they want a sample to be collected beneath their foundation slab.

The attached figure shows conceptual sample locations in each of the residential backyards. The sample locations may be relocated, as appropriate, depending on backyard conditions. The areas of the resident's back yards are approximately 100 to 120 square feet and are generally covered with wood decks, concrete slab/patio, or other cover material that may require partial removal to access and sample the soil. Con Edison will be responsible for the repair and/or replacement of any existing conditions in yard areas requiring removal or alteration.

Surface soil (0-2 inches) samples will be collected at each of the proposed sample locations in order to evaluate potential exposure to contaminated surface soil. To maintain consistency with the depths of samples collected along the fence/property line, as well as where deeper contamination was discovered (26 – 30 feet below grade) within the excavation, backyard samples will be collected from the surface to 30 feet below grade (ft. bg) using a track mounted Geoprobe at corresponding depth intervals, i.e., surface, 2-6, 6-10, 10-14, 14-18, 18-22, 22-26, and 26-30 feet below grade. Based on observations during the remedial excavation, boulders may obstruct advancement of the sampling device. If this occurs, the boring will be relocated and a second attempt will be made. If continued refusal is met, a final soil sample will be collected from the maximum achieved depth.

Two boring locations are proposed for the potentially affected yard, 57-42 57th Drive, which corresponds to the locations of PCB contamination detected at the property line; however, in each remaining backyard, only one boring location will be selected. Eight soil samples will be collected from each of the selected borings, i.e., one sample composite from each of the designated depths. Samples will be collected in accordance with the procedures outlined in the Quality Assurance/Quality Control Plan (Appendix D) of the Remedial Action Work Plan and submitted to a laboratory, accredited by New York State Department of Health (NYSDOH), and analyzed for PCB concentrations.

Upon receipt of analytical results, Con Ed will notify the NYSDEC and NYSDOH if any concentration of PCB is detected. If the soil samples indicate PCB levels above the Recommended Soil Cleanup Objectives contained in NYSDEC TAGM #4046, then Con

Ed will discuss a remedial action approach and prepare a plan for these residential areas. If soil analytical results are detected above the Method Detection Limit (MDL) but below NYSDEC TAGM 4046 values, then NYSDEC and NYSDOH will determine the appropriate course of action to address this condition.

Con Ed hopes this plan will meet the NYSDEC's requirements to determine if residential impacts from PCBs exist. If you have questions or need further clarification, please contact me at 718.267.3868.

Very truly yours,

Edward R. Wiederkehr
Remediation
Environment, Health & Safety

cc: Jane O'Connell – NYSDEC
Steve Karpinski – NYSDOH

Jacques Whitford

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Project No. 1012163

July 18, 2007

Mr. Edward Wiederkehr
Consolidated Edison Company of New York, Inc.
31-01 20th Ave., Bldg 136, 2nd Floor
Long Island City, NY 11105

RE: Results of Residential Soil Sampling
Former Maspeth Substation
Maspeth, New York

Dear Mr. Wiederkehr:

The Jacques Whitford Company, Inc. (Jacques Whitford) is pleased to submit to the Consolidated Edison Company of New York, Inc. (Con Edison) this letter report on the results of residential soil sampling conducted at the former Maspeth Substation located at 57-77 Rust Street in Maspeth, NY (the Site).

Introduction

During soil remediation activities at the former Con Edison Maspeth substation, soil samples were routinely collected for directing the excavation and as end-point samples along the northern wall of the lagging. Due to reported exceedances of the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) No. 4046 RSCOs along the northern wall Con Edison conducted a series of Geoprobe soil borings along the north property fence-line in November and December 2005. Results of these soil samples are presented in Table 1 and are depicted on the attached Figure. The purpose of these borings/samples was to evaluate whether all impacted soils on-site had been removed during remedial activities.

The 2005 soil samples were collected on the substation (or south) side of the fence that abuts the residential properties to the north, as close to the fence as was possible. Borings were completed by Aquifer Drilling and Testing (ADT) of New Hyde Park, NY utilizing either a Geoprobe Model 6610DT or a vibratory jack-hammer probe utilizing Geoprobe drilling tools. The method of drilling utilized was dependent on access to the specific boring location. Where access was possible, the Geoprobe was used. In locations where the Geoprobe could not access, such as locations behind the excavation lagging, the jack-hammer method was used.

The residential properties are located on 57th Drive, from 57-26 57th Drive to 57-50 57th Drive. A total of 57 end-point samples were collected at thirteen locations behind each abutting property. Boring locations are depicted on the attached Fence Line Sample Locations figure. Samples were collected from the 0-2' interval and then in four foot intervals to eighteen feet below land surface (bls) in each boring. The reported laboratory results indicated exceedances of NYSDEC TAGM 40 RSCOs for PCBs at three locations (See Table 1 and figure).

Based upon these results, Con Edison determined that additional sampling was required on the residential side of the north fence. The purpose of this additional sampling was to determine whether there were any off-site impacts to soils on the abutting properties.

Work Performed

From May 7 to 11, and on June 1, 2007, Jacques Whitford, ADT, and Con Edison Construction Management mobilized to the Site to complete soil borings in the backyards of the residential properties. All work was conducted under the CAMP and EHASP approved by NYSDEC for previous on-site work. Permission to access and collect samples at eleven of the properties was acquired by Con Edison. Permission was not granted by the owner of #57-50? Geoprobe samples were not collected behind #57-44 due to the structure extending to the fence line.

On the first day, an ADT boring clearance crew was on-site. The purpose of this crew was to access the boring locations through the existing chain link fence and to hand clear the borings to five feet below land surface (bls) using an air knife and vacuum unit. The air knife was simply a five foot length of pipe attached to an air compressor. The combination of the angled tip of the pipe and the compressed air loosened the soil which was then vacuumed into a fifty-five gallon drum. During this boring clearance procedure, soil samples from the top two inches were collected. These samples are identified herein as 0-2".

Once a sufficient number of borings were cleared to five feet bls, a Geoprobe Model 54LT was mobilized to the Site to complete the proposed soil borings. This model Geoprobe is relatively small compared to the Model 6610DT and was selected due to its ability to get into areas with difficult access. It quickly became evident that this model Geoprobe would not be able to complete the borings to the required thirty foot target depths due to the soil conditions. Subsequently a Geoprobe Model 6610DT was mobilized to the Site. Although access was more difficult, all borings, except for three, were completed to the required thirty foot depth. Sample depth intervals were identical to the 2005 borings except that the final depth was thirty feet bls rather than the previously completed eighteen foot bls depths. On June 1 two additional surficial samples from 0-2-inches bls were collected at #57-40 and #57-42.

All collected soil samples were shipped to Spectrum Analytical (a NY certified analytical laboratory) of Agawam, MA under appropriate Chain of Custody documentation at the end of each day and were analyzed for PCBs. Reported analytical results are tabulated in Table 2.

Results

A total of seventy two soil samples were collected at eleven locations and sent to the laboratory for analyses. In addition, two duplicate samples and one matrix spike/matrix spike duplicate (MS/MSD) samples were collected for QA/QC purposes. Please note that the reported results for these AQ/QC samples are not presented in Table 2.

As shown in Table 2 and on the attached figure, concentrations of Total PCBs were reported at concentrations at below the laboratories Method Detection Limit (MDL) in fifty four of the seventy two samples, and at concentrations ranging from 0.0188 to 1.170 parts per million (ppm) in eighteen samples.
Three samples had reported Total PCB concentrations above the Residential Cleanup Standard of 1 ppm:

- 1.170 ppm at MA-GP-82,67 (0-2”),
- 1.020 ppm at MA-GP-23,66 (0-2”), and
- 1.040 ppm at MA-GP-71,68 (0-2).

These samples were located behind #57-40, #57-48, and #57-42, respectively. The former two samples were collected from the 0 – 2” interval, the latter sample was collected from the 0-2 foot interval.

Based on these recent, as well as the 2005 results, Con Edison has prepared a Remedial Excavation Work Plan For Residential Yards and Fence Line Soil Contamination for NYSDEC review.

We appreciate your request for professional services, and trust this information is responsive to your needs. If you have any questions or comments, or require additional information, please do not hesitate to call us at (603) 431-4899.

Sincerely,
JACQUES WHITFORD

David B. Hill, P.G.
Project Manager

DBH: dfm

Cc: C. Gendron
G. DelMastro
D. Moore

TABLE 1
Former Maspeth Substation
Soil Sample Summary: South Side of Fence Line

Sample Location	Sample Date	Depth (feet bls)	Analytes	Chain of Custody	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	TOTAL VOCs (ppb)	TOTAL SVOCs (ppb)
GP-57-26 (2)	11/18/2005	2	PCBs	0511411	0.62	na	na	na
GP-57-26 (6)	11/18/2005	6	PCBs	0511411	0.073	na	na	na
GP-57-26 (10)	11/18/2005	10	PCBs	0511411	0.96	na	na	na
GP-57-26 (14)	11/18/2005	14	PCBs	0511411	0.08	na	na	na
GP-57-26 (18)	11/18/2005	18	PCBs	0511411	0.033	na	na	na
GP-57-28 (2)	11/18/2005	2	PCBs	0511411	0.02	na	na	na
GP-57-28 (6)	11/18/2005	6	PCBs	0511411	0.043	na	na	na
GP-57-28 (10)	11/18/2005	10	PCBs	0511411	0.63	na	na	na
GP-57-28 (14)	11/18/2005	14	PCBs	0511411	0.038	na	na	na
GP-57-28 (18)	11/18/2005	18	PCBs	0511411	0.12	na	na	na
GP-57-30 (2)	11/18/2005	2	PCBs	0511411	0.11	na	na	na
GP-57-30 (6)	11/18/2005	6	PCBs	0511411	0.45	na	na	na
GP-57-30 (10)	11/18/2005	10	PCBs	0511411	1.83	na	na	na
GP-57-30 (14)	11/18/2005	14	PCBs	0511411	0.5	na	na	na
GP-57-30 (18)	11/18/2005	18	PCBs	0511411	0.09	na	na	na
GP-57-32 (2)	11/18/2005	2	PCBs	0511411	0.039	na	na	na
GP-57-32 (6)	11/18/2005	6	PCBs	0511411	0.02	na	na	na
GP-57-32 (10)	11/18/2005	10	PCBs	0511411	< 0.0070	na	na	na
GP-57-32 (14)	11/18/2005	14	PCBs	0511437	< 0.0072	na	na	na
GP-57-32 (18)	11/18/2005	18	PCBs	0511437	< 0.0070	na	na	na
GP-57-34 (2)	11/18/2005	2	PCBs	0511437	0.18	na	na	na
GP-57-34 (6)	11/18/2005	6	PCBs	0511437	0.015	na	na	na
GP-57-34 (10)	11/18/2005	10	PCBs	0511437	< 0.0072	na	na	na
GP-57-34 (14)	11/18/2005	14	PCBs	0511437	0.02	na	na	na
GP-57-34 (18)	11/18/2005	18	PCBs	0511437	0.015	na	na	na
MA-SW-109,63.5 (2)	11/30/2005	2	PCBs	0511568	2.83	na	na	na
MA-SW-109,63 (6)	11/30/2005	6	PCBs	0512032	< 0.0078	na	na	na
MA-SW-109,62 (10)	12/1/2005	10	PCBs	0512032	< 0.0076	na	na	na
MA-SW-109,62 (14)	12/1/2005	14	PCBs	0512096	0.14	na	na	na
MA-SW-109,62 (18)	12/1/2005	18	PCBs	0512096	< 0.0070	na	na	na
MA-SW-96,63.5 (2)	11/30/2005	2	PCBs	0512032	0.099	na	na	na
MA-SW-96,62 (6)	11/30/2005	6	PCBs	0512032	< 0.0075	na	na	na
MA-SW-96,62 (10)	12/1/2005	10	PCBs	0512032	< 0.0072	na	na	na
MA-SW-96,62 (14)	12/1/2005	14	PCBs	0512032	< 0.0069	na	na	na
MA-SW-96,62 (18)	12/1/2005	18	PCBs	0512096	< 0.0070	na	na	na
MA-SW-81,63 (2)	11/30/2005	2	PCBs	0512032	0.067	na	na	na
MA-SW-81,63 (6)	12/1/2005	6	PCBs	0512096	0.4	na	na	na
MA-SW-81,63 (10)	12/2/2005	10	PCBs	0512096	0.069	na	na	na
MA-SW-81,63 (14)	12/2/2005	14	PCBs	0512096	< 0.0070	na	na	na
MA-SW-81,63 (18)	12/2/2005	18	PCBs	0512118	0.073	na	na	na
MA-SW-81,63 (21)	12/2/2005	21	PCBs	0512118	< 0.0071	na	na	na
MA-SW-67,64 (5)	11/11/2005	5	PCBs, TPH	0511278	762	9090	na	na
MA-SW-67,64 (9)	11/11/2005	9	PCBs, TPH	0511278	0.4	21.7	na	na
MA-SW-62,64 (6)	11/11/2005	6	PCBs, TPH	0511278	334	447	na	na
MA-SW-62,64 (9)	11/11/2005	9	PCBs, TPH, VOCs, SVOCs	0511278	0.26	10.1	4.04	91.0
MA-SW-62,65 (14)	12/2/2005	14	PCBs	0512118	0.074	na	na	na
MA-SW-62,64 (18)	12/2/2005	18	PCBs	0512096	0.28	na	na	na
Trip Blank	11/11/2005	na	VOCs	0512118	na	na	2.21	na
MA-SW-51,64 (5)	11/11/2005	5	PCBs, TPH, VOCs, SVOCs	0511278	0.2	31.3	3.85	2706.5
MA-SW-51,64 (9)	11/11/2005	9	PCBs, TPH	0511278	0.3	0	na	na
MA-SW-51,65 (14)	12/2/2005	14	PCBs	0512118	< 0.0073	na	na	na
MA-SW-51,64 (18)	12/2/2005	18	PCBs	0512096	< 0.0069	na	na	na
MA-SW-33,64 (2)	11/29/2005	2	PCBs	0511532	18	na	na	na
MA-SW-33,63.5 (6)	11/29/2005	6	PCBs	0511532	< 0.0069	na	na	na
MA-SW-33,62 (10)	12/2/2005	10	PCBs	0512096	< 0.0075	na	na	na
MA-SW-33,62 (14)	12/2/2005	14	PCBs	0512118	< 0.0074	na	na	na
MA-SW-33,64 (18)	11/29/2005	18	PCBs	0511568	< 0.0072	na	na	na
Field Equip. Blank	11/29/2005	na	PCBs	0511568	<0.000080	na	na	na
MA-SW-15,63.5(10)	11/23/2005	10	PCBs	0511510	< 0.0072	na	na	na
MA-SW-15,63.5 (14)	11/28/2005	14	PCBs	0511532	< 0.0071	na	na	na
MA-SW-15,64 (18)	11/29/2005	18	PCBs	0511532	0.04	na	na	na

TABLE 2
Former Maspeth Substation
Soil Sample Summary: North Side of Fence Line

Sample Location	Sample Date	Depth (feet bls)	Analytes	Chain of Custody	TOTAL PCBs (ppm)
MA-GP-155,66 (0-2")	5/7/2007	0-2 inches	PCBS	SA 61721	0.0558
MA-GP-155,66 (2-6)	5/9/2007	2-6	PCBS	SA 61870	< 0.0344
MA-GP-155,66 (6-10)	5/9/2007	6-10	PCBS	SA 61870	< 0.0305
MA-GP-155,66 (10-14)	6/1/2007	10-14	PCBS	SA 63034	< 0.0313
MA-GP-155,66 (14-18)	6/1/2007	14-18	PCBS	SA 63034	< 0.0293
MA-GP-155,66 (18-22)	6/1/2007	18-22	PCBS	SA 63034	< 0.0291
MA-GP-155,66 (22-26)	6/1/2007	22-26	PCBS	SA 63034	< 0.0306
MA-GP-155,66 (26-30)	6/1/2007	26-30	PCBS	SA 63034	< 0.0306
MA-GP-147,66 (0-2")	5/7/2007	0-2 inches	PCBS	SA 61721	0.210
MA-GP-147,66 (2-6)	6/1/2007	22-26	PCBS	SA 63034	< 0.0309
MA-GP-147,66 (6-10)	6/1/2007	22-26	PCBS	SA 63034	< 0.0299
MA-GP-147,66 (10-14)	6/1/2007	22-26	PCBS	SA 63034	< 0.0282
MA-GP-147,66 (14-18)	6/1/2007	22-26	PCBS	SA 63034	0.0338
MA-GP-131,66 (0-2")	5/8/2007	0-2 inches	PCBS	SA 61792	0.0571
MA-GP-131,66 (2-6)	5/8/2007	2-6	PCBS	SA 61792	< 0.0326
MA-GP-131,66 (6-10)	5/8/2007	6-10	PCBS	SA 61792	< 0.0321
MA-GP-131,66 (10-14)	5/8/2007	10-14	PCBS	SA 61792	< 0.0297
MA-GP-131,66 (14-18)	5/8/2007	14-18	PCBS	SA 61792	< 0.0310
MA-GP-131,66 (18-22)	6/1/2007	18-22	PCBS	SA 63034	< 0.0308
MA-GP-131,66 (18-22) Dupe	6/1/2007	18-22	PCBS	SA 63034	< 0.0290
MA-GP-131,66 (22-26)	6/1/2007	22-26	PCBS	SA 63034	< 0.0303
MA-GP-131,66 (26-30)	6/1/2007	26-30	PCBS	SA 63034	< 0.0292
MA-GP-116,66 (0-2 ")	5/8/2007	0-2 inches	PCBS	SA 61792	0.253
MA-GP-116,66 (2-6)	5/8/2007	2-6	PCBS	SA 61792	0.0336
MA-GP-116,66 (6-10)	5/8/2007	6-10	PCBS	SA 61792	< 0.0336
MA-GP-116,66 (10-14)	5/8/2007	10-14	PCBS	SA 61792	< 0.0352
MA-GP-116,66 (14-18)	5/8/2007	14-18	PCBS	SA 61792	< 0.0296
MA-GP-116,66 (18-22)	5/11/2007	18-22	PCBS	SA 62202	< 0.0316
MA-GP-116,66 (18-22) Dupe	5/11/2007	18-22	PCBS	SA 62202	< 0.0313
MA-GP-116,66 (22-26)	5/11/2007	22-26	PCBS	SA 62202	< 0.0323
MA-GP-116,66 (26-30)	5/11/2007	26-30	PCBS	SA 62202	< 0.0319
MA-GP-116,66 (26-30) MS	5/11/2007	26-30	PCBS	SA 62202	217
MA-GP-116,66 (26-30) MSD	5/11/2007	26-30	PCBS		210
MA-GP-93,66 (0-2")	5/7/2007	0-2	PCBS	SA 61721	0.122
MA-GP-97,66 (2-6)	5/9/2007	2-6	PCBS	SA 61870	< 0.0362
MA-GP-97,66 (6-10)	5/9/2007	6-10	PCBS	SA 61870	< 0.0314
MA-GP-97,66 (10-14)	5/11/2007	10-14	PCBS	SA 62202	< 0.0318
MA-GP-97,66 (14-18)	5/11/2007	14-18	PCBS	SA 62202	< 0.0322
MA-GP-97,66 (18-22)	5/11/2007	18-22	PCBS	SA 62202	< 0.0303
MA-GP-97,66 (22-26)	5/11/2007	22-26	PCBS	SA 62202	< 0.0314
MA-GP-97,66 (26-30)	5/11/2007	26-30	PCBS	SA 62202	< 0.0300
MA-GP-82,67 (0-2")	6/1/2007	1-2"	PCBS	SA 63034	1.170
MA-GP-82,67 (0-2)	5/7/2007	0-2	PCBS	SA 61721	0.478
MA-GP-82,67 (2-6)	5/9/2007	2-6	PCBS	SA 61870	< 0.0332
MA-GP-82,67 (6-10)	5/9/2007	6-10	PCBS	SA 61870	< 0.0331
MA-GP-82,67 (10-14)	5/9/2007	10-14	PCBS	SA 61870	< 0.0321
MA-GP-82,66 (14-18)	5/11/2007	14-18	PCBS	SA 62202	< 0.0316
MA-GP-82,66 (18-22)	5/11/2007	18-22	PCBS	SA 62202	< 0.0319
MA-GP-82,66 (22-26)	5/11/2007	22-26	PCBS	SA 62202	< 0.0308
MA-GP-82,66 (26-30)	5/11/2007	26-30	PCBS	SA 62202	< 0.0331

TABLE 2
Former Maspeth Substation
Soil Sample Summary: North Side of Fence Line

Sample Location	Sample Date	Depth (feet bls)	Analytes	Chain of Custody	TOTAL PCBs (ppm)
MA-GP-71,68 (0-2")	6/1/2007	1-2"	PCBS	SA 63034	0.682
MA-GP-71,68 (0-2)	5/7/2007	0-2	PCBS	SA 61721	1.040
MA-GP-71,68 (2-6)	5/9/2007	2-6	PCBS	SA 61870	< 0.0372
MA-GP-71,68 (10-14)	5/10/2007	10-14	PCBS	SA 61922	< 0.0324
MA-GP-71,68 (14-18)	5/10/2007	14-18	PCBS	SA 61922	< 0.0314
MA-GP-71,68 (18-22)	5/10/2007	18-22	PCBS	SA 61922	0.138
MA-GP-71,68 (22-26)	5/10/2007	22-26	PCBS	SA 61922	< 0.0306
MA-GP-71,68 (26-30)	5/10/2007	26-30	PCBS	SA 61922	< 0.0316
MA-GP-62,67.5 (0-2 ")	5/7/2007	0-2 inches	PCBS	SA 61721	0.482
MA-GP-62,67.5 (2-6)	5/7/2007	2-6	PCBS	SA 61721	0.0188
MA-GP-62,67.5 (6-10)	5/8/2007	6-10	PCBS	SA 61792	< 0.0318
MA-GP-62,67.5 (10-14)	5/8/2007	10-14	PCBS	SA 61792	< 0.0304
MA-GP-62,67.5 (14-18)	5/8/2007	14-18	PCBS	SA 61792	< 0.0318
MA-GP-62,67.5 (18-22)	5/8/2007	18-22	PCBS	SA 61792	0.950
MA-GP-62,67.5 (22-26)	5/10/2007	22-26	PCBS	SA 61922	< 0.0302
MA-GP-62,67.5 (26-30)	5/10/2007	26-30	PCBS	SA 61922	< 0.0304
MA-GP-32,66 (0-2")	5/9/2007	0-2	PCBS	SA 61870	0.683
MA-GP-32,66 (2-6)	5/9/2007	2-6	PCBS	SA 61870	< 0.0389
MA-GP-32,66 (6-10)	5/9/2007	6-10	PCBS	SA 61870	< 0.0378
MA-GP-32,66 (10-14)	5/9/2007	10-14	PCBS	SA 61870	< 0.0326
MA-GP-32,66 (14-18)	5/9/2007	14-18	PCBS	SA 61870	< 0.0335
MA-GP-32,66 (18-22)	5/10/2007	18-22	PCBS	SA 61922	< 0.0307
MA-GP-32,66 (22-26)	5/10/2007	22-26	PCBS	SA 61922	< 0.0311
MA-GP-32,66 (26-30)	5/10/2007	26-30	PCBS	SA 61922	0.0154
MA-GP-23,66 (0-2")	5/9/2007	0-2 inches	PCBS	SA 61870	1.020
MA-GP-23,66 (2-6)	5/9/2007	2-6	PCBS	SA 61870	< 0.0358

57th DRIVE

EXISTING BUILDINGS

#57–26 #57–28 #57–30 #57–32 #57–34 #57–36 #57–38 #57–40 #57–42 #57–44 #57–46 #57–48 #57–50

MA-GP-155,66
(0–2") 0.0558
(2–6) <0.0344
(6–10) <0.0305
(10–14) <0.0313
(14–18) <0.0293
(18–22) <0.0291
(22–26) <0.0306
(26–30) <0.0306

MA-GP-147,66
(0–2") 0.210
(2–6) <0.0309
(6–10) <0.0299
(10–14) <0.0282
(14–18) 0.0338

MA-GP-131,66
(0–2") 0.0571
(2–6) <0.0326
(6–10) <0.0321
(10–14) <0.0297
(14–18) <0.0310
(18–22) <0.0308
(22–26) <0.0303
(26–30) <0.0292

MA-GP-116,66
(0–2") 0.253
(2–6) 0.0336
(6–10) <0.0336
(10–14) <0.0352
(14–18) <0.0296
(18–22) <0.0316
(22–26) <0.0323
(26–30) <0.0319

MA-GP-93,66
(0–2") 0.122

MA-GP-97,66
(2–6) <0.0362
(6–10) <0.0314
(10–14) <0.0318
(14–18) <0.0322
(18–22) <0.0303
(22–26) <0.0314
(26–30) <0.0300

MA-GP-82,67
(0–2") 1.170
(0–2) 0.478
(2–6) <0.0332
(6–10) <0.0331
(10–14) <0.0321

MA-GP-82,66
(14–18) <0.0316
(18–22) <0.0319
(22–26) <0.0308
(26–30) <0.0331

MA-GP-71,68
(0–2") 0.682
(0–2) 1.040
(2–6) <0.0372
(10–14) <0.0324
(14–18) <0.0314
(18–22) 0.138
(22–26) <0.0306
(26–30) <0.0316

MA-GP-62,67.5
(0–2") 0.482
(2–6) 0.0188
(6–10) <0.0318
(10–14) <0.0304
(14–18) <0.0318
(18–22) 0.950
(22–26) <0.0302
(26–30) <0.0304

MA-GP-32,66
(0–2") 0.683
(2–6) <0.0389
(6–10) <0.0378
(10–14) <0.0326
(14–18) <0.0335
(18–22) <0.0307
(22–26) <0.0311
(26–30) 0.0154

MA-GP-23,66
(0–2") 1.020
(2–6) <0.0358

MA-GP-57-26
(2) 0.62
(6) 0.073
(10) 0.96
(14) 0.08
(18) 0.033

MA-GP-57-28
(2) 0.02
(6) 0.043
(10) 0.63
(14) 0.038
(18) 0.12

MA-GP-57-30
(2) 0.11
(6) 0.45
(10) 1.83
(14) 0.50
(18) 0.09

MA-GP-57-32
(2) 0.039
(6) 0.02
(10) <0.0070
(14) <0.0072
(18) <0.0070

MA-GP-57-34
(2) 0.18
(6) 0.015
(10) <0.0072
(14) 0.02
(18) 0.015

MA-GP-109,63
(6) <0.0078
(10) <0.0076
(14) 0.14
(18) <0.0070

MA-GP-81,63
(2) 0.067
(6) 0.40
(10) 0.069
(14) <0.0070
(18) 0.073
(21) <0.0071

MA-GP-62,64
(6) 334
(9) 0.26
(14) 0.074
(18) 0.28

MA-GP-33,64
(6) <0.0069
(10) <0.0075
(14) <0.0074
(18) <0.0072

MA-GP-96,63.5
(2) 0.099
(6) <0.0075
(10) <0.0072
(14) <0.0069
(18) <0.0070

MA-GP-67,64
(5) 762
(9) 0.4

MA-GP-51,64
(5) 0.2
(9) 0.3
(14) <0.0073
(18) <0.0069

MA-GP-15,63.5
(10) <0.0073
(14) <0.0071
(18) 0.04

RUST STREET (TWO–WAY)

58th STREET ONE WAY

Legend

– < 1 ppm PCB

– 1–49 ppm PCB

– > 50 ppm PCB

SAMPLE DESIGNATION:

GP – GEOPROBE BORING
(2–6) – FEET BELOW SURFACE

NORTH

15 0 15

SCALE IN FEET

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE

DATE PREPARED:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
11–9–05	GRM	ADK	DFM	CRG
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
6–12–07		ADK	DFM	CRG

PROJECT NAME/FILE NAME: CONED MASPETH/SITE
PROJECT NUMBER/PHASE: 1012163.
SCALE: AS SHOWN

DRAWING TITLE:

FENCE LINE SAMPLE LOCATIONS

FORMER CON EDISON MASPETH SUBSTATION
57–77 RUST STREET
MASPETH, NEW YORK

PREPARED FOR: CONSOLIDATED EDISON CO. OF NEW YORK, INC.

FIGURE NO. 1

Appendix C

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 01/08/08

FROM: David Chapman, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: January 5, 2008

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported.

Intrusive activities this week consisted of using a Geoprobe rig to drill several borings at various angles to collect soil samples beneath the concrete footer behind house #57-42 and #57-44 57th Drive. The purpose of the Geoprobe drilling and sampling was to delineate the extent of soils with PCB concentrations > 1 ppm at two locations remaining at the site prior to remedial excavation activities.

On January 2, 2008 three confirmatory samples (one bottom and two sidewall samples) were collected from beneath the concrete footer behind house #57-44 57th Drive. Results were received from the laboratory and are presented below.

On January 3 and 4, 2008, three confirmatory samples (one bottom and two sidewall samples) were collected from beneath the concrete footer behind house #57-42 57th Drive. Results are pending.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. There were no Elevated Short Term Exposure Limit (STEL) readings reported this week.

Former Maspeth Substation						
Weekly CAMP Summary						
1/5/2008						
Date	PDR	Maximum Instantaneous (mg/m^3)	Maximum STEL (mg/m^3)	Average Concentration (mg/m^3)	Upwind Station (X)	Station Location
12/31/2007	4557	Holiday	Holiday	Holiday	Holiday	58th Street
12/31/2007	6118	Holiday	Holiday	Holiday	Holiday	North Sector
12/31/2007	6357	Holiday	Holiday	Holiday	Holiday	Rust Street Fence
1/1/2008	4557	Holiday	Holiday	Holiday	Holiday	58th Street
1/1/2008	6118	Holiday	Holiday	Holiday	Holiday	North Sector
1/1/2008	6357	Holiday	Holiday	Holiday	Holiday	Rust Street Fence
1/2/2008	4557	0.717	0.047	0.012		58th Street
1/2/2008	6118	0.617	0.039	0.009		North Sector
1/2/2008	6357	4.780	1.155	0.057	X	Rust Street Fence
1/3/2008	4557	0.219	0.022	0.010		58th Street
1/3/2008	6118	0.384	0.035	0.013		North Sector
1/3/2008	6357	0.542	0.045	0.020	X	Rust Street Fence
1/4/2008	4557	0.083	0.040	0.028		58th Street
1/4/2008	6118	0.241	0.036	0.024		North Sector
1/4/2008	6357	0.125	0.046	0.036	X	Rust Street Fence

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 01/05/2008					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
12/31/2007	1	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
12/31/2007	2	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
1/1/2008	1	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
1/1/2008	2	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
1/2/2008	1 [1]	Peak Data Value	0.1		0.2
		Min Data Value			
		TWA Data Value			
		Avg Data Value			
1/2/2008	2 [1]	Peak Data Value	0.0		0.0
		Min Data Value			
		TWA Data Value			
		Avg Data Value			
1/3/2008	1 [1]	Peak Data Value	0.0		0.0
		Min Data Value			
		TWA Data Value			
		Avg Data Value			
1/3/2008	2 [1]	Peak Data Value	0.0		0.0
		Min Data Value			
		TWA Data Value			
		Avg Data Value			
1/4/2008	1 [1]	Peak Data Value	0.0		0.0
		Min Data Value			
		TWA Data Value			
		Avg Data Value			
1/4/2008	2 [1]	Peak Data Value	0.0		0.0
		Min Data Value			
		TWA Data Value			
		Avg Data Value			

PID 1 = 58th Street
PID 2 = North Fence/Sector.
[1] PID not enabled to calculate values. Data are from daily highs and lows from field recordings.

Soil Sampling and Soil Sampling Results

This week, one bottom and two sidewall samples were collected from beneath the concrete footer behind house #57-44 as confirmatory samples and received from the laboratory. Results are tabulated below.

Each of the three samples had reported results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits.

On January 2 and 3, 2008 one confirmatory bottom sample, MA-SSB-58,65 (12) and two confirmatory side wall samples (MA-SW-58, 66 (6) and MA-SW-58-58,65.5 (10.5)) were collected from beneath the concrete footer behind house #57-42 57th Drive. Results are pending.

Former Maspeth Substation
Soil Sample Summary
Week Ending 01/05/2008

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	Comments
MA-SSB-55.5,64 (12)	1/2/2008	12	na	PCBS	SA 72884	< 0.0310	Concrete footer behind #57-44
MA-SW-55.5,65 (10.5)	1/2/2008	10.5	na	PCBS	SA 72884	< 0.0327	Concrete footer behind #57-44
MA-SW-53.5,64 (10.5)	1/2/2008	10.5	na	PCBS	SA 72884	< 0.0340	Concrete footer behind #57-44

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 04/14/08

FROM: Bruce Bline, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: April 12, 2008

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported.

Intrusive activities this week consisted of using a Geoprobe rig to drill three borings prior to drilling and constructing monitoring wells at the Maspeth site. The purpose of the Geoprobe drilling and sampling was to delineate the contact between the Item 4 backfill and native soils at the locations for proposed monitoring wells, and to collect samples of the native soils for sieve analyses/gradation curves for proper screen slot size and filter pack selection.

Two additional soil samples were collected with a manual Geoprobe from the backyard of house #57-42 57th Drive and submitted for PCB analysis. Results were received from the laboratory and are presented below.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. There were no Elevated Short Term Exposure Limit (STEL) readings reported this week.

Former Maspeth Substation						
Weekly CAMP Summary						
4/12/2008						
Date	PDR	Maximum Instantaneous	Maximum STEL	Average Concentration	Upwind Station (X)	Station Location
		(mg/m^3)	(mg/m^3)	(mg/m^3)		
4/7/2008	5883	0.282	0.022	0.012	X	58th Street
4/7/2008	6665	0.175	0.030	0.017		North Sector
4/7/2008	5063	0.120	0.031	0.025		Rust Street Fence
4/8/2008	4557	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
4/8/2008	6118	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
4/8/2008	6357	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
4/9/2008	4557	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
4/9/2008	6118	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
4/9/2008	6357	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
4/10/2008	4557	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
4/10/2008	6118	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
4/10/2008	6357	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
4/11/2008	4557	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
4/11/2008	6118	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
4/11/2008	6357	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 04/12/2008					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
4/7/2008	1	Peak Data Value	N/A	1.4	4.3
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.1	0.3
		Avg Data Value	N/A	0.1	0.4
4/7/2008	2	Peak Data Value	N/A	1.7	4.6
		Min Data Value	N/A	0.2	0.3
		TWA Data Value	N/A	0.2	0.4
		Avg Data Value	N/A	0.4	0.9
4/8/2008	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/8/2008	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/9/2008	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/9/2008	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/10/2008	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/10/2008	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/11/2008	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
4/11/2008	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		

PID 1 = 58th Street
PID 2 = North Fence/Sector.

Soil Sampling and Soil Sampling Results

This week, on April 7, 2008, two bottom samples were collected via manual Geoprobe from the backyard of house #57-42 to assist in the delineation of soils containing PCBs at levels > 1 ppm that remain in this backyard. Results were received from the laboratory and are tabulated below.

One of the samples (MA-SSB-58,66 (7.5) = 2.210 ppm) had reported results for total PCBs at > 1 ppm. This sample was collected beneath a location that was tested in January 2008 (MA-SSB-58,66 (6) that had reported results for total PCBs at 2.032 ppm.

The second sample collected on April 7, 2008 had reported results for PCBs at > 1 ppm.

Former Maspeth Substation
Soil Sample Summary
Week Ending 04/12/2008

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	Comments
MA-SSB-58,67 (7.5)	4/7/2008	7.5	na	PCBs	SA 76891	0.0455	Man. Geoprobe: Backyard 57-42
MA-SSB-58,66 (7.5)	4/7/2008	7.5	na	PCBs	SA 76891	2.210	Man. Geoprobe: Backyard 57-42

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 05/17/07

FROM: Bruce Bline, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: May 12, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported, except as noted below. The PID and PDR exceedances on the North Fence CAMP location on May 9, 2007 were due to spray painting activities with solvent based paint related to remodeling occurring at 57-38 57th Drive. Maximum PID and PDR concentrations were recorded at 19.4 ppm and 10.484 mg/ m^3, respectively. These elevated values returned to background when spray painting activities ceased.

Intrusive activities this week consisted of the collection of soil samples utilizing a Geoprobe. A total of 59 soil samples were collected as part of an investigation of residential back yards abutting the North Fence of the Site.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. Elevated Short Term Exposure Limit (STEL) readings were reported at one CAMP location this week.

The May 9th elevated STEL reading of 0.179 ug/m^3 at the North Fence PDR was likely caused by an exhaust fan directing fumes from spray painting activities, which were occurring at 57-38 57th Drive, towards the CAMP location.

Former Maspeth Substation						
Weekly CAMP Summary						
5/12/2007						
Date	PDR	Maximum Instantaneous	Maximum STEL	Average Concentration	Upwind Station (X)	Station Location
		(mg/m^3)	(mg/m^3)	(mg/m^3)		
5/7/2007	4960	0.347	0.007	0.001	X	58th Street
5/7/2007	6401	0.268	0.002	0.000		North Fence
5/7/2007	5268	0.061	0.011	0.003		Rust Street Fence
5/8/2007	4960	0.404	0.020	0.008		58th Street
5/8/2007	6401	0.507	0.021	0.000		North Fence
5/8/2007	5268	0.245	0.023	0.013	X	Rust Street Fence
5/9/2007	4960	0.239	0.063	0.027		58th Street
5/9/2007	6401	10.484 [1]	0.179 [1]	0.052		North Fence
5/9/2007	5268	0.218	0.068	0.056	X	Rust Street Fence
5/10/2007	4960	0.303	0.071	0.052		58th Street
5/10/2007	6401	0.138	0.081	0.031		North Fence
5/10/2007	5268	0.239	0.093	0.790	X	Rust Street Fence
5/11/2007	4960	0.102	0.053	0.039		58th Street
5/11/2007	6401	0.383	0.054	0.001		North Fence
5/11/2007	5268	0.273	0.093	0.063	X	Rust Street Fence

[1] Spray painting going on inside 57-38th Drive with fan directing overspray out back window.

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 05/12/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
5/7/2007	1	Peak Data Value	N/A	0.7	1.1
		Min Data Value	N/A	0.1	0.2
		TWA Data Value	N/A	0.2	0.3
		Avg Data Value	N/A	0.3	0.4
5/7/2007	2	Peak Data Value	N/A	0.6	2.1
		Min Data Value	N/A	0.1	0.2
		TWA Data Value	N/A	0.2	0.3
		Avg Data Value	N/A	0.3	0.4
5/8/2007	1	Peak Data Value	N/A	0.5	1.4
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.2	0.3
		Avg Data Value	N/A	0.2	0.3
5/8/2007	2	Peak Data Value	N/A	1.5	8.4
		Min Data Value	N/A	0.0	0.1
		TWA Data Value	N/A	0.3	0.6
		Avg Data Value	N/A	0.3	0.7
5/9/2007	1	Peak Data Value	N/A	1.5	1.6
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.4	0.7
		Avg Data Value	N/A	0.4	0.7
5/9/2007	2	Peak Data Value	N/A	8.1	19.4
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.4	1.0
		Avg Data Value	N/A	0.5	1.1
5/10/2007	1	Peak Data Value	N/A	1.0	2.8
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.2	0.4
		Avg Data Value	N/A	0.3	0.4
5/10/2007	2	Peak Data Value	N/A	0.6	0.9
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.3	0.4
		Avg Data Value	N/A	0.3	0.4
5/11/2007	1	Peak Data Value	N/A	1.2	1.8
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.3	0.5
		Avg Data Value	N/A	0.4	0.7
5/11/2007	2	Peak Data Value	N/A	0.8	2.4
		Min Data Value	N/A	0.0	0.1
		TWA Data Value	N/A	0.3	0.4
		Avg Data Value	N/A	0.3	0.5

PID 1 = 58th Street
PID 2 = North Fence.

Soil Sampling and Soil Sampling Results

This week, fifty-nine soil samples were collected via Geoprobe rig. These samples were collected from residential backyards located on the north side of the Site. Results are tabulated below.

Two samples had reported results for total PCBs at concentrations above 1 ppm (MA-SW-23,66 (0-2) at 1.020 ppm and MA-SW-71,68 (0-2) at 1.040 ppm), respectively. These two sample locations are located behind 57-48 57th Drive and 57-42 57th Drive, respectively. All other soil samples had reported results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits

Former Maspeth Substation								
Soil Sample Summary								
Week Ending 05/12/2007								
Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	SA COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SW-23,66 (0-2)	5/9/2007	0-2	na	PCBS	SA 61870	1.020	-	PCB 1260
MA-SW-23,66 (2-6)	5/9/2007	2-6	na	PCBS	SA 61870	0.0	-	-
MA-SW-32,66 (0-2)	5/9/2007	0-2	na	PCBS	SA 61870	0.683	-	PCB 1260
MA-SW-32,66 (2-6)	5/9/2007	2-6	na	PCBS	SA 61870	0.0	-	-
MA-SW-32,66 (6-10)	5/9/2007	6-10	na	PCBS	SA 61870	0.0	-	-
MA-SW-32,66 (10-14)	5/9/2007	10-14	na	PCBS	SA 61870	0.0	-	-
MA-SW-32,66 (14-18)	5/9/2007	14-18	na	PCBS	SA 61870	0.0	-	-
MA-SW-32,66 (14-18)	5/10/2007	14-18	na	PCBS	SA 61922	0.0	-	-
MA-SW-32,66 (18-22)	5/10/2007	18-22	na	PCBS	SA 61922	0.0	-	-
MA-SW-32,66 (22-26)	5/10/2007	22-26	na	PCBS	SA 61922	0.0	-	-
MA-SW-32,66 (26-30)	5/10/2007	26-30	na	PCBS	SA 61922	0.0154	-	PCB 1260
MA-SW-62,67.5 (2)	5/7/2007	2	na	PCBS	SA 61721	0.482	-	PCB 1260
MA-SW-62,67.5 (2-6)	5/7/2007	2-6	na	PCBS	SA 61721	0.0188	-	PCB 1260
MA-SW-62,67.5 (6-10)	5/8/2007	6-10	na	PCBS	SA 61792	0.0	-	-
MA-SW-62,67.5 (10-14)	5/8/2007	10-14	na	PCBS	SA 61792	0.0	-	-
MA-SW-62,67.5 (14-18)	5/8/2007	14-18	na	PCBS	SA 61792	0.0	-	-
MA-SW-62,67.5 (18-22)	5/8/2007	18-22	na	PCBS	SA 61792	0.950	-	PCB 1260
MA-SW-62,67.5 (22-26)	5/10/2007	22-26	na	PCBS	SA 61922	0.0	-	-
MA-SW-62,67.5 (26-30)	5/10/2007	26-30	na	PCBS	SA 61922	0.0	-	-
MA-SW-71,68 (0-2)	5/7/2007	0-2	na	PCBS	SA 61721	1.040	-	PCB 1260
MA-SW-71,68 (2-6)	5/9/2007	2-6	na	PCBS	SA 61870	0.0	-	-
MA-SW-71,68 (10-14)	5/10/2007	10-14	na	PCBS	SA 61922	0.0	-	-
MA-SW-71,68 (14-18)	5/10/2007	14-18	na	PCBS	SA 61922	0.0	-	-
MA-SW-71,68 (18-22)	5/10/2007	18-22	na	PCBS	SA 61922	0.138	-	PCB 1260
MA-SW-71,68 (22-26)	5/10/2007	22-26	na	PCBS	SA 61922	0.0	-	-
MA-SW-71,68 (26-30)	5/10/2007	26-30	na	PCBS	SA 61922	0.0	-	-

Former Maspeth Substation								
Soil Sample Summary								
Week Ending 05/12/2007								
Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	SA COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SW-82,67 (0-2)	5/7/2007	0-2	na	PCBS	SA 61721	0.478	-	PCB 1260
MA-SW-82,67 (2-6)	5/9/2007	2-6	na	PCBS	SA 61870	0.0	-	-
MA-SW-82,67 (6-10)	5/9/2007	6-10	na	PCBS	SA 61870	0.0	-	-
MA-SW-82,67 (10-14)	5/9/2007	10-14	na	PCBS	SA 61870	0.0	-	-
MA-SW-82,66 (14-18)	5/11/2007	14-18	na	PCBS	SA 62202	0.0	-	-
MA-SW-82,66 (18-22)	5/11/2007	18-22	na	PCBS	SA 62202	0.0	-	-
MA-SW-82,66 (22-26)	5/11/2007	22-26	na	PCBS	SA 62202	0.0	-	-
MA-SW-82,66 (26-30)	5/11/2007	26-30	na	PCBS	SA 62202	0.0	-	-
MA-SW-93,66 (0-2)	5/7/2007	0-2	na	PCBS	SA 61721	0.122	-	PCB 1260
MA-SW-97,66 (2-6)	5/9/2007	2-6	na	PCBS	SA 61870	0.0	-	-
MA-SW-97,66 (6-10)	5/9/2007	6-10	na	PCBS	SA 61870	0.0	-	-
MA-SW-97,66 (10-14)	5/11/2007	10-14	na	PCBS	SA 62202	0.0	-	-
MA-SW-97,66 (14-18)	5/11/2007	14-18	na	PCBS	SA 62202	0.0	-	-
MA-SW-97,66 (18-22)	5/11/2007	18-22	na	PCBS	SA 62202	0.0	-	-
MA-SW-97,66 (22-26)	5/11/2007	22-26	na	PCBS	SA 62202	0.0	-	-
MA-SW-97,66 (26-30)	5/11/2007	26-30	na	PCBS	SA 62202	0.0	-	-
MA-SW-116,66 (0-2)	5/8/2007	0-2	na	PCBS	SA 61792	0.253	-	PCB 1260
MA-SW-116,66 (2-6)	5/8/2007	2-6	na	PCBS	SA 61792	0.0336	-	PCB 1260
MA-SW-116,66 (6-10)	5/8/2007	6-10	na	PCBS	SA 61792	0.0	-	-
MA-SW-116,66 (10-14)	5/8/2007	10-14	na	PCBS	SA 61792	0.0	-	-
MA-SW-116,66 (14-18)	5/8/2007	14-18	na	PCBS	SA 61792	0.0	-	-
MA-SW-116,66 (18-22)	5/11/2007	18-22	na	PCBS	SA 62202	0.0	-	-
MA-SW-116,66 (18-22) DUPE	5/11/2007	18-22	na	PCBS	SA 62202	0.0	-	-
MA-SW-116,66 (22-26)	5/11/2007	22-26	na	PCBS	SA 62202	0.0	-	-
MA-SW-116,66 (26-30)	5/11/2007	26-30	na	PCBS	SA 62202	0.0	-	-
MA-SW-131,66 (0-2)	5/8/2007	0-2	na	PCBS	SA 61792	0.0571	-	PCB 1260
MA-SW-131,66 (2-6)	5/8/2007	2-6	na	PCBS	SA 61792	0.0	-	-
MA-SW-131,66 (6-10)	5/8/2007	6-10	na	PCBS	SA 61792	0.0	-	-
MA-SW-131,66 (10-14)	5/8/2007	10-14	na	PCBS	SA 61792	0.0	-	-
MA-SW-131,66 (14-18)	5/8/2007	14-18	na	PCBS	SA 61792	0.0	-	-
MA-SW-147,66 (0-2)	5/7/2007	0-2	na	PCBS	SA 61721	0.210	-	PCB 1260
MA-SW-155,66 (0-2)	5/7/2007	0-2	na	PCBS	SA 61721	0.0558	-	PCB 1260
MA-SW-155,66 (2-6)	5/9/2007	2-6	na	PCBS	SA 61870	0.0	-	-
MA-SW-155,66 (6-10)	5/9/2007	6-10	na	PCBS	SA 61870	0.0	-	-

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 09/06/07

FROM: Bruce Bline, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: September 1, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported.

Intrusive activities this week consisted of the collection of soil samples utilizing a Geoprobe rig on Monday August 27, 2007. A total of seven soil samples (plus one duplicate) were collected via Geoprobe rig as part of the investigation/remediation associated with the residential back yards abutting the North Fence of the Site.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. There were no Short Term Exposure Limit (STEL) exceedance readings reported this week.

Former Maspeth Substation Weekly CAMP Summary 9/2/2007						
Date	PDR	Maximum Instantaneous	Maximum STEL	Average Concentration	Upwind Station (X)	Station Location
		(mg/m^3)	(mg/m^3)	(mg/m^3)		
8/27/2007	4960	0.043	0.015	0.013	X	58th Street
8/27/2007	4874	0.277	0.022	0.014		North Fence
8/27/2007	2032	0.092	0.005	0.004		Rust Street Fence
8/28/2007	4960	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
8/28/2007	4874	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Fence
8/28/2007	2032	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
8/29/2007	4960	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
8/29/2007	4874	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Fence
8/29/2007	2032	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
8/30/2007	4960	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
8/30/2007	4874	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Fence
8/30/2007	2032	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
8/31/2007	4960	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
8/31/2007	4874	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Fence
8/31/2007	2032	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 09/01/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
8/27/2007	1	Peak Data Value	N/A	Meter Malfunction during download	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/27/2007	2	Peak Data Value	N/A	3.3	3.7
		Min Data Value	N/A	0.0	0.1
		TWA Data Value	N/A	0.1	0.2
		Avg Data Value	N/A	0.2	0.4
8/28/2007	1	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/28/2007	2	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/29/2007	1	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/29/2007	2	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/30/2007	1	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/30/2007	2	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/31/2007	1	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
8/31/2007	2	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		

PID 1 = 58th Street
PID 2 = North Fence.

Soil Sampling and Soil Sampling Results

This week, seven soil samples, plus one duplicate, were collected via Geoprobe rig. These samples were collected as post-excavation end point samples around two proposed trench boxes associated with remediation of residential backyards located on the north side of the Site. Results are tabulated below.

All of the soil samples collected via Geoprobe had reported results for total PCBs at concentrations less than the laboratory's reportable detection limits or less than 1 ppm.

Former Maspeth Substation
Soil Sample Summary
Week Ending 09/01/2007

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-GP-66,64 (7.5-8.0)	8/27/2007	7.5-8.0	na	PCBS	SA 67320	< 0.0328	-	-
MA-GP-72,64 (6.0-6.5)	8/27/2007	6.0-6.5	na	PCBS	SA 67320	< 0.0343	-	-
MA-GP-59,67 (6.0-6.5)	8/27/2007	6.0-6.5	na	PCBS	SA 67320	0.592	-	-
MA-GP-164,62 (10.0-10.5)	8/27/2007	10.0-10.5	na	PCBS	SA 67320	< 0.0318	-	-
MA-GP-155,57 (10.0-10.5)	8/27/2007	10.0-10.5	na	PCBS	SA 67320	< 0.0314	-	-
MA-GP-152,64 (10.0-10.5)	8/27/2007	10.0-10.5	na	PCBS	SA 67320	< 0.0305	-	-
MA-GP-146,62 (10.0-10.5)	8/27/2007	10.0-10.5	na	PCBS	SA 67320	< 0.0312	-	-
MA-GP-146,62 (10.0-10.5) Dupe	8/27/2007	10.0-10.5	na	PCBS	SA 67320	< 0.0314	-	-

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 11/13/07

FROM: David Chapman, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: November 10, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported except as noted below.

Intrusive activities this week consisted of remedial excavation work in three off-site residential backyards (#57-40, #57-42, and #57-48 57th Drive), remedial excavation at two on-site areas that had soils reported at > 1 ppm total PCBs, and subsequent soil samples.

On November 8, 2007, three confirmatory bottom samples were collected from the three residential backyards. Results were received from the laboratory and are presented below.

On November 9, 2007, one additional confirmatory bottom samples from one of the backyards and one confirmatory bottom sample from the excavation adjacent to the concrete footer along the northern property line were collected. Results are pending.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. Elevated Short Term Exposure Limit (STEL) readings were reported at one CAMP location this week.

The November 7th elevated STEL reading of 0.254 mg/m^3 and the November 8th elevated STEL reading of 0.253 mg/m^3 at the North Fence PDR were likely caused by the exhaust from a chainsaw being used to cut tree roots from one of the backyards.

Former Maspeth Substation						
Weekly CAMP Summary						
11/10/2007						
Date	PDR	Maximum Instantaneous	Maximum STEL	Average Concentration	Upwind Station (X)	Station Location
		(mg/m^3)	(mg/m^3)	(mg/m^3)		
11/5/2007	2516	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
11/5/2007	6205	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Fence
11/5/2007	3655	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
11/6/2007	2516	0.058	0.029	0.025		58th Street
11/6/2007	6205	0.131	0.034	0.031		North Fence
11/6/2007	3655	0.069	0.016	0.015	X	Rust Street Fence
11/7/2007	2516	0.366	0.080	0.069		58th Street
11/7/2007	6205	4.395	0.254 [1]	0.065		North Fence
11/7/2007	3655	0.430	0.047	0.040	X	Rust Street Fence
11/8/2007	2516	0.232	0.046	0.018		58th Street
11/8/2007	6205	13.019	0.253 [1]	0.049	X	North Fence
11/8/2007	3655	0.539	0.044	0.022		Rust Street Fence
11/9/2007	2516	0.256	0.022	0.006	X	58th Street
11/9/2007	6205	1.135	0.105	0.037		North Fence
11/9/2007	3655	0.347	0.041	0.022		Rust Street Fence

[1] Exhaust fumes from chainsaw used to cut tree roots.

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 11/10/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
11/5/2007	1	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/5/2007	2	Peak Data Value	N/A	No On-site Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/6/2007	1	Peak Data Value	N/A	0.3	0.7
		Min Data Value	N/A	0.1	0.3
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.2	0.4
11/6/2007	2	Peak Data Value	N/A	2.0	2.0
		Min Data Value	N/A	0.1	0.3
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.6	0.9
11/7/2007	1	Peak Data Value	N/A	0.1	0.6
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.0	0.0
11/7/2007	2	Peak Data Value	N/A	3.0	12.4
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.1
		Avg Data Value	N/A	0.0	0.1
11/8/2007	1	Peak Data Value	N/A	1.4	6.4
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.2	0.4
		Avg Data Value	N/A	0.2	0.4
11/8/2007	2	Peak Data Value	N/A	4.6	15.2
		Min Data Value	N/A	0.0	0.1
		TWA Data Value	N/A	0.3	0.5
		Avg Data Value	N/A	0.3	0.5
11/9/2007	1	Peak Data Value	N/A	7.2	23.4
		Min Data Value	N/A	0.2	0.2
		TWA Data Value	N/A	0.5	0.7
		Avg Data Value	N/A	1.2	1.6
11/9/2007	2	Peak Data Value	N/A	5.1	5.2
		Min Data Value	N/A	0.0	0.1
		TWA Data Value	N/A	0.7	0.8
		Avg Data Value	N/A	1.7	1.9

PID 1 = 58th Street
PID 2 = North Fence.

Soil Sampling and Soil Sampling Results

This week, three soil samples were collected as confirmatory bottom samples from three backyards and received from the laboratory. Results are tabulated below.

One sample had reported results for total PCBs at concentrations above 1 ppm (MA-SSB-84,69 (1 ft) at 1.290 ppm). This sample is located in the backyard of 57-40 57th Drive. All other soil samples had reported results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits.

A second confirmatory bottom sample was collected from the backyard of #57-48 (MA-SSB-23,68 (1.5 ft) on November 9. Results are pending.

One additional confirmatory bottom sample was collected on-site in an area that had soils with total PCBs previously reported at concentrations > 1 ppm. This sample (MA-SSB-66,64 (7.5 ft) was collected from the excavation adjacent to the concrete footer along the northern property line. Results are pending

Former Maspeth Substation
Soil Sample Summary
Week Ending 11/10/2007

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SSB-23,70 (0.5 ft)	11/8/2007	0.5	na	PCBS	SA 70787	< 0.0347	-	-
MA-SSB-69,71 (3 ft)	11/8/2007	3	na	PCBS	SA 70787	0.0255	-	-
MA-SSB-84,69 (1 ft)	11/8/2007	1	na	PCBS	SA 70787	1.290	-	-

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 11/27/07

FROM: David Chapman, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: November 17, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported except as noted below.

Intrusive activities this week consisted of continued remedial excavation work at two on-site areas that had soils reported at > 1 ppm total PCBs and in one off-site residential backyard (#57-40 57th Drive), and subsequent soil samples.

On November 12, 2007, analytical results collected the previous week, from one confirmatory bottom sample from the backyard of house #57-48 57th Drive and one confirmatory bottom sample from the excavation on the south side of the concrete footer behind house #57-42 57th Drive, were received from the laboratory. These results are presented in a following section.

On November 13, 2007 one confirmatory bottom sample was collected from the trench box located on-site behind house #57-30 57th Drive. This sample was collected from an area previously identified with PCB concentrations greater than 1 ppm. Results were received from the laboratory and are presented below.

On November 14, 2007 one bottom sample and three sidewall samples (plus one duplicate and one Matrix Spike/Matrix Spike Duplicate) were collected from the excavation on the north side of the concrete fence footer behind house #57-42 57th Drive. Also on November 14, 2007, one confirmatory soil bottom sample was collected from the backyard of house #57-40 57th Drive. Results were received from the laboratory and are presented below

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. Elevated Short Term Exposure Limit (STEL) readings were reported at one CAMP location this week.

The November 13th elevated STEL reading of 0.321 mg/m^3 at the North Sector PDR was likely caused by the exhaust from a truck that was on site removing trash bins prior to any active remedial work.

Former Maspeth Substation
Weekly CAMP Summary
11/17/2007

Date	PDR	Maximum Instantaneous (mg/m^3)	Maximum STEL (mg/m^3)	Average Concentration (mg/m^3)	Upwind Station (X)	Station Location
11/12/2007	2516	0.139	0.068	0.054	X	58th Street
11/12/2007	6205	0.211	0.112	0.103		North Sector
11/12/2007	3655	0.282	0.061	0.048		Rust Street Fence
11/13/2007	2516	0.357	0.158	0.137	X	58th Street
11/13/2007	6205	0.925	0.321 [1]	0.298		North Sector
11/13/2007	3655	0.165	0.085	0.080		Rust Street Fence
11/14/2007	2516	0.558	0.056	0.016		58th Street
11/14/2007	6205	0.198	0.142	0.130		North Sector
11/14/2007	3655	0.345	0.082	0.053	X	Rust Street Fence
11/15/2007	2516	0.189	0.061	0.055	X	58th Street
11/15/2007	6205	0.192	0.132	0.133		North Sector
11/15/2007	3655	0.260	0.057	0.050		Rust Street Fence
11/16/2007	2516	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
11/16/2007	6205	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
11/16/2007	3655	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence

[1] Diesel exhaust from truck picking up trash bins.

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 11/17/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
11/12/2007	1	Peak Data Value	N/A	1.7	2.1
		Min Data Value	N/A	0.0	0.1
		TWA Data Value	N/A	0.4	0.5
		Avg Data Value	N/A	0.4	0.5
11/12/2007	2	Peak Data Value	N/A	2.1	6.2
		Min Data Value	N/A	0.2	0.4
		TWA Data Value	N/A	0.8	1.1
		Avg Data Value	N/A	0.9	1.1
11/13/2007	1	Peak Data Value	N/A	1.2	10.8
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.0	0.1
11/13/2007	2	Peak Data Value	N/A	25.5	120.8
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.1	0.3
		Avg Data Value	N/A	0.1	0.5
11/14/2007	1	Peak Data Value	N/A	4.6	5.4
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.3	0.3
		Avg Data Value	N/A	0.3	0.3
11/14/2007	2	Peak Data Value	N/A	244.4	312.0
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	1.7	2.0
		Avg Data Value	N/A	2.2	2.6
11/15/2007	1	Peak Data Value	N/A	6.0	8.5
		Min Data Value	N/A	1.0	1.5
		TWA Data Value	N/A	0.2	0.3
		Avg Data Value	N/A	2.2	2.8
11/15/2007	2	Peak Data Value	N/A	0.0	0.0
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.0	0.0
11/16/2007	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/16/2007	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		

PID 1 = 58th Street
PID 2 = North Fence/Sector.

Soil Sampling and Soil Sampling Results

Laboratory results from two confirmatory bottom samples (MA-SSB-23,68 (1.5) and MA-SSB-66,64 (7.5)) collected from remediated areas on November 8 and 9, 2007 were obtained from the laboratory this week and are tabulated below. Both of these samples yielded results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits.

This week, three bottom and three sidewall samples (plus one duplicate and one Matrix Spike/Matrix Spike Duplicate) were collected as confirmatory samples and received from the laboratory. Results are tabulated below.

Two samples had reported results for total PCBs at concentrations above 1 ppm (MA-SW-61,64 (7.5) at 5.520 ppm and MA-SW-68,64 (7.5) at 263 ppm). These samples are located beneath the concrete footer behind house #57-42 57th Drive. All other soil samples had reported results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits.

Former Maspeth Substation
Soil Sample Summary
Week Ending 11/17/2007

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SSB-23,68 (1.5)	11/8/2007	1.5	na	PCBS	SA 70787	< 0.0410		
MA-SSB-66,64 (7.5)	11/9/2007	7.5	na	PCBS	SA 70810	< 0.0309		
MA-SSB-57,30 (12) *	11/13/2007	12	na	PCBS	SA 70997	< 0.0321		
MA-SSB-67,64 (7.5)	11/14/2007	7.5	na	PCBS	SA 71058	0.737		
MA-SSB-67,64 (7.5) Dupe	11/14/2007	7.5	na	PCBS	SA 71058	0.465		
MA-SSB-67,64 (7.5) MS	11/14/2007	7.5	na	PCBS	SA 71058	0.249		
MA-SSB-67,64 (7.5) MSD	11/14/2007	7.5	na	PCBS	SA 71058	0.437		
MA-SW-61,64 (7.5)	11/14/2007	7.5	na	PCBS	SA 71058	5.520		
MA-SW-68,64 (7.5)	11/14/2007	7.5	na	PCBS	SA 71058	263		
MA-SW-65,67 (7.5)	11/14/2007	7.5	na	PCBS	SA 71058	< 0.0331		
MA-SSB-84,69 (3)	11/14/2007	3	na	PCBS	SA 71058	< 0.0341		

* Sample identification "57,30" indicates this sample was collected from behind house #57-30 57th Drive in an on-site area that had soils previously reported at > 1 ppm total PCBs

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 11/28/07

FROM: David Chapman, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: November 24, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported.

Intrusive activities this week consisted of backfilling the trench box located on-site behind house #57-30 57th Drive and the backyard of house #57-40 57th Drive, as well as remediation/excavation in the backyard of house #57-42 57th Drive.

On November 20, 2007 one confirmatory bottom sample was collected from the excavation in the backyard of house #57-42 57th Drive. Results are pending.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. There were no Elevated Short Term Exposure Limit (STEL) readings reported this week.

Former Maspeth Substation						
Weekly CAMP Summary						
11/24/2007						
Date	PDR	Maximum Instantaneous	Maximum STEL	Average Concentration	Upwind Station (X)	Station Location
		(mg/m^3)	(mg/m^3)	(mg/m^3)		
11/19/2007	2516	No CAMP set up due to heavy rains				58th Street
11/19/2007	6205	No CAMP set up due to heavy rains				North Sector
11/19/2007	3655	No CAMP set up due to heavy rains				Rust Street Fence
11/20/2007	2516	0.655	0.016	0.000		58th Street
11/20/2007	6205	0.066	0.022	0.000		North Sector
11/20/2007	3655	0.617	0.014	0.000	X	Rust Street Fence
11/21/2007	2516	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
11/21/2007	6205	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
11/21/2007	3655	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
11/22/2007	2516	Holiday	Holiday	Holiday	Holiday	58th Street
11/22/2007	6205	Holiday	Holiday	Holiday	Holiday	North Sector
11/22/2007	3655	Holiday	Holiday	Holiday	Holiday	Rust Street Fence
11/23/2007	2516	Holiday	Holiday	Holiday	Holiday	58th Street
11/23/2007	6205	Holiday	Holiday	Holiday	Holiday	North Sector
11/23/2007	3655	Holiday	Holiday	Holiday	Holiday	Rust Street Fence

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 11/24/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
11/19/2007	1	Peak Data Value	N/A	No CAMP due to heavy rain	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/19/2007	2	Peak Data Value	N/A	No CAMP due to heavy rain	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/20/2007	1	Peak Data Value	N/A	0.5	0.9
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.1	0.1
		Avg Data Value	N/A	0.2	0.4
11/20/2007	2	Peak Data Value	N/A	1.0	2.5
		Min Data Value	N/A	0.8	1.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.8	1.2
11/21/2007	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/21/2007	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/22/2007	1	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
11/22/2007	2	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
11/23/2007	1	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday
11/23/2007	2	Peak Data Value	N/A	Holliday	Holliday
		Min Data Value	N/A	Holliday	Holliday
		TWA Data Value	N/A	Holliday	Holliday
		Avg Data Value	N/A	Holliday	Holliday

PID 1 = 58th Street
PID 2 = North Fence/Sector.

Soil Sampling and Soil Sampling Results

On November 20, 2007 one confirmatory bottom sample, MA-SSB-68,67 (7.5), was collected from the excavation in the backyard of house #57-42 57th Drive. Results are pending.

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 12/03/07

FROM: David Chapman, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: December 1, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported.

Intrusive activities this week consisted of continued remedial excavation beneath the concrete footer behind house #57-42 57th and subsequent backfilling.

On November 27, 2007, analytical results collected the previous week, from one confirmatory bottom sample from the backyard of house #57-42 57th Drive were received from the laboratory. These results are presented in a following section

On November 26, 2007 four confirmatory samples (one bottom and three sidewall samples) were collected from beneath the concrete footer in the vicinity of #57-42 and #57-40 57th Drive. Results were received from the laboratory and are presented below.

On November 27, 2007 three confirmatory samples (one bottom and two sidewall samples) were collected from beneath the concrete footer in the vicinity of #57-42 and #57-44 57th Drive. Results were received from the laboratory and are presented below.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. There were no Elevated Short Term Exposure Limit (STEL) readings reported this week.

Former Maspeth Substation						
Weekly CAMP Summary						
12/1/2007						
Date	PDR	Maximum Instantaneous	Maximum STEL	Average Concentration	Upwind Station (X)	Station Location
		(mg/m^3)	(mg/m^3)	(mg/m^3)		
11/26/2007	2516	No CAMP set up due to heavy rains				58th Street
11/26/2007	4387	No CAMP set up due to heavy rains				North Sector
11/26/2007	3655	No CAMP set up due to heavy rains				Rust Street Fence
11/27/2007	2516	0.347	0.056	0.028		58th Street
11/27/2007	4387	0.294	0.079	0.041		North Sector
11/27/2007	3655	0.600	0.021	0.013	X	Rust Street Fence
11/28/2007	2516	0.287	0.065	0.049		58th Street
11/28/2007	4387	0.241	0.052	0.019		North Sector
11/28/2007	3655	0.378	0.032	0.016	X	Rust Street Fence
11/29/2007	2516	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
11/29/2007	4387	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
11/29/2007	3655	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence
11/30/2007	2516	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
11/30/2007	4387	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
11/30/2007	3655	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 12/01/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
11/26/2007	1	Peak Data Value	N/A	No CAMP due to heavy rain	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/26/2007	2	Peak Data Value	N/A	No CAMP due to heavy rain	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/27/2007	1	Peak Data Value	N/A	0.3	1.6
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.2
		Avg Data Value	N/A	0.0	0.2
11/27/2007	2	Peak Data Value	N/A	2.9	5.6
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.2	0.3
		Avg Data Value	N/A	0.2	0.3
11/28/2007	1	Peak Data Value	N/A	2.1	21.4
		Min Data Value	N/A	0.1	0.3
		TWA Data Value	N/A	0.1	0.5
		Avg Data Value	N/A	0.3	1.6
11/28/2007	2	Peak Data Value	N/A	0.5	5.8
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.1
		Avg Data Value	N/A	0.0	0.1
11/29/2007	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/29/2007	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/30/2007	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
11/30/2007	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		

PID 1 = 58th Street
PID 2 = North Fence/Sector.

Soil Sampling and Soil Sampling Results

Laboratory results from one confirmatory bottom sample (MA-SSB-68,67 (7.5)) collected the previous week on November 20, 2007 from the excavation in the backyard of house #57-42 57th Drive were obtained from the laboratory this week and are tabulated below. This sample had concentrations of total PCBs reported at < 1 ppm or less than the laboratory's reportable detection limits.

This week, two bottom and five sidewall samples were collected from beneath the concrete footer as confirmatory samples and received from the laboratory. Results are tabulated below.

Two samples had reported results for total PCBs at concentrations above 1 ppm (MA-SW-59.5,64.5 (7.5) at 283 ppm and MA-SW-55.5, 64 (7.5) at 2.560 ppm). These samples are located beneath the concrete footer behind house #57-42 and #57-44 57th Drive. All other soil samples had reported results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits.

Former Maspeth Substation
Soil Sample Summary
Week Ending 12/01/2007

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SSB-68,67 (7.5)	11/20/2007	7.5	na	PCBS	SA 71357	< 0.0333		
MA-SW-74,64 (7.5)	11/26/2007	7.5	na	PCBS	SA 71454	< 0.0346		
MA-SW-73,65.5 (7.5)	11/26/2007	7.5	na	PCBS	SA 71454	< 0.0307		
MA-SSB-70,64 (8.5)	11/26/2007	8.5	na	PCBS	SA 71454	< 0.0325		
MA-SW-73,70.5 (8.5)	11/26/2007	8.5	na	PCBS	SA 71454	< 0.0309		
MA-SSB-61,64 (8.5)	11/27/2007	8.5	0.3	PCBs	SA 71514	0.293		
MA-SW-59.5,64.5 (7.5)	11/27/2007	7.5	283.0	PCBs	SA 71514	283		
MA-SW-55.5,64 (7.5)	11/27/2007	7.5	2.6	PCBs	SA 71514	2.560		

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 12/06/05

FROM: Bruce Bline, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: December 03, 2005

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported, except as noted below.

Analytical results for samples collected from November 28 to December 1, 2005 (eighteen North Side Wall, three bottom, and one field equipment blank samples) were received this week. In addition, the results from samples collected the previous week on November 23, 2005 (two sidewall soil samples collected along the North Wall, between the lagging and the fence line, and two bottom samples) were received from ETL. The results are presented in a following section.

On December 1 and 2, 2005 nine soil samples and one liquid sample were collected. The soil samples were collected as sidewall samples along the North Wall, between the lagging and the fence line. The liquid sample was a sample of product collected from the bottom of the excavation. The analytical results are pending.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. Note that the reported exceedance was a result of the exhaust from a generator that was brought on site to supply electricity for a jack-hammer, which was being used during geoprobe sampling work. Following the slight exceedance, the generator was moved further away from the north fence CAMP location.

Former Maspeth Substation						
Weekly CAMP Summary						
12/3/2005						
Date	PDR	Maximum Instantaneous (mg/ m^3)	Maximum STEL (mg/ m^3)	Average Concentration (mg/ m^3)	Upwind Station (X)	Station Location
11/28/2005	3696	1.352	0.077	0.024	X	58th Street
11/28/2005	2953	1.006	0.064	0.027		North Fence
11/28/2005	2736	0.280	0.071	0.019		Rust Street Fence
11/29/2005	3696	0.600	0.047	0.012		58th Street
11/29/2005	2953	0.197	0.030	0.010		North Fence
11/29/2005	2736	0.759	0.040	0.000	X	Rust Street Fence
11/30/2005	3696	4.407	0.354	0.028		58th Street
11/30/2005	2953	1.065	0.168	0.040		North Fence
11/30/2005	2736	0.900	0.326	0.055	X	Rust Street Fence
12/1/2005	3696	0.338	0.035	0.013	X	58th Street
12/1/2005	2953	1.549	0.136 [1]	0.035		North Fence
12/1/2005	2736	1.122	0.066	0.024		Rust Street Fence
12/2/2005	3696	0.401	0.042	0.022		58th Street
12/2/2005	2953	0.186	0.031	0.020		North Fence
12/2/2005	2736	0.739	0.047	0.023	X	Rust Street Fence
[1] Slight exceedance due to exhaust from a generator brought on-site to power an electric jackhamer that was used during Geoprobe sampling						
Generator was subsequently moved.						

Former Maspeth Substation					
Weekly CAMP Summary: PID Readings					
Week Ending 12/03/05					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
11/28/2005	1	Peak Data Value	0.1	0.3	1.0
		Min Data Value	0.0	0.0	0.0
		TWA Data Value	0.0	0.0	0.1
		Avg Data Value	0.0	0.0	0.1
11/28/2005	2	Peak Data Value	0.5	7.3	44.9 [1]
		Min Data Value	0.0	0.0	0.1
		TWA Data Value	0.2	0.3	0.4
		Avg Data Value	0.2	0.3	0.4
11/29/2005	1	Peak Data Value	0.2	0.3	0.6
		Min Data Value	0.0	0.0	0.2
		TWA Data Value	0.1	0.1	0.4
		Avg Data Value	0.1	0.1	0.3
11/29/2005	2	Peak Data Value	0.5	0.5	2.0
		Min Data Value	0.0	0.0	0.1
		TWA Data Value	0.3	0.4	0.6
		Avg Data Value	0.2	0.3	0.5
11/30/2005	1	Peak Data Value	0.5	0.8	2.5
		Min Data Value	0.0	0.0	0.0
		TWA Data Value	0.0	0.0	0.1
		Avg Data Value	0.0	0.0	0.1
11/30/2005	2	Peak Data Value	0.5	1.8	3.8
		Min Data Value	0.0	0.0	0.1
		TWA Data Value	0.1	0.2	0.3
		Avg Data Value	0.1	0.1	0.3
12/1/2005	1	Peak Data Value	0.1	0.5	2.2
		Min Data Value	0.0	0.0	0.0
		TWA Data Value	0.0	0.0	0.1
		Avg Data Value	0.0	0.0	0.1
12/1/2005	2	Peak Data Value	0.4	4.9	35.1 [1]
		Min Data Value	0.0	0.0	0.0
		TWA Data Value	0.2	0.3	0.7
		Avg Data Value	0.2	0.3	0.7
12/2/2005	1	Peak Data Value	0.1	0.2	0.8
		Min Data Value	0.0	0.0	0.1
		TWA Data Value	0.0	0.1	0.3
		Avg Data Value	0.0	0.1	0.3
12/2/2005	2	Peak Data Value	0.4	0.4	3.1
		Min Data Value	0.0	0.0	0.0
		TWA Data Value	0.2	0.3	0.5
		Avg Data Value	0.2	0.2	0.5

PID 1 = 58th Street
PID 2 = North Fence

[1] These peak values are from using the PID meter to conduct a ziploc baggie headspace screen of a samples from truck loads of road bed concrete (recycled concrete aggregate (RCA)). This RCA was to be used on-site for temporary road bed material. Because of the high headspace readings this material was refused and not used on site.

Soil Sampling and Soil Sampling Results

This week, twenty-one soil samples and one equipment blank were collected. From November 28 to December 1, eighteen sidewall, three bottom, and one equipment blank samples were collected. Laboratory results from these twenty-two samples, plus two North Wall side wall and two bottom samples (MA-SW-15,63.5 (10), MA-SW-4,63.5 (10), MA-SSB-46,48 (20), and MA-SSB-46,51 (22)) collected on November 23, 2005 were obtained from ETL this week and are tabulated below. Six of the samples yielded results in excess of the 1-ppm standard for PCBs.

On December 1 and 2, 2005, nine additional side wall samples (MA-SW-81,63 (6), MA-SW-109,62 (14) MA-SW-109,62 (18), MA-SW-96,62 (18), MA-SW-62,64 (18), MA-SW-51,64 (18), MA-SW-81,63 (10), MA-81,63 (14), and MA-SW-33,62 (10) were collected along the North Wall, between the lagging and the fence line, to assist in additional delineation of soil PCB concentrations along this area of the site. In addition, a sample of product from the floor of the excavation was also collected. This product sample is designated as 37,30 (Oil). Results from these nine soil and one product samples are pending.

Former Maspeth Substation Soil Sample Summary Week Ending 12/3/05								
Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SSB-46,48(20)	11/23/2005	20	na	PCBs	0511510	779	na	PCB 1260
MA-SSB-46,51(22)	11/23/2005	22	na	PCBs	0511510	450	na	PCB 1260
MA-SW-4,63.5(10)	11/23/2005	10	na	PCBs	0511510	< 0.0072	na	PCB 1260
MA-SW-15,63.5(10)	11/23/2005	10	na	PCBs	0511510	< 0.0073	na	PCB 1260
MA-SW-4,64 (2)	11/28/2005	2	na	PCBs	0511532	2.3	na	PCB 1260
MA-SW-4,62.5 (6)	11/28/2005	6	na	PCBs	0511532	< 0.0081	na	PCB 1260
MA-SW-4,64 (18)	11/29/2005	18	na	PCBs	0511532	0.029	na	PCB 1260
MA-SW-15,63.5 (14)	11/28/2005	14	na	PCBs	0511532	< 0.0071	na	PCB 1260
MA-SW-15,64 (18)	11/29/2005	18	na	PCBs	0511532	0.04	na	PCB 1260
MA-SW-18,63.5 (2)	11/29/2005	2	na	PCBs	0511532	0.071	na	PCB 1260
MA-SW-18,62.5 (6)	11/29/2005	6	na	PCBs	0511532	4.29	na	PCB 1260
MA-SW-33,64 (2)	11/29/2005	2	na	PCBs	0511532	18	na	PCB 1260
MA-SW-33,63.5 (6)	11/29/2005	6	na	PCBs	0511532	< 0.0069	na	PCB 1260
MA-SW-33,64 (18)	11/29/2005	18	na	PCBs	0511568	< 0.0072	na	-
Field Equip. Blank	11/29/2005	na	na	PCBs	0511568	<0.000080	na	-
MA-SW-109,63.5 (2)	11/30/2005	2	na	PCBs	0511568	2.83	na	PCB 1260
MA-SW-81,63 (2)	11/30/2005	2	na	PCBs	0512032	0.067	na	PCB 1260
MA-SW-96,63.5 (2)	11/30/2005	2	na	PCBs	0512032	0.099	na	PCB 1260
MA-SW-96,62 (6)	11/30/2005	6	na	PCBs	0512032	< 0.0075	na	-
MA-SW-96,62 (10)	12/1/2005	10	na	PCBs	0512032	< 0.0072	na	-
MA-SW-96,62 (14)	12/1/2005	14	na	PCBs	0512032	< 0.0069	na	-
MA-SW-109,63 (6)	11/30/2005	6	na	PCBs	0512032	< 0.0078	na	-
MA-SW-109,62 (10)	12/1/2005	10	na	PCBs	0512032	< 0.0076	na	-
MA-SSB-125,22 (18)	11/30/2005	18	na	PCBs	0512032	< 0.0071	na	-
MA-SSB-125,22 (22)	11/30/2005	22	na	PCBs	0512032	0.19	na	PCB 1260
MA-SSB-125,22 (26)	11/30/2005	26	na	PCBs	0512032	< 0.0074	na	-

MEMORANDUM

TO: Edward Wiederkehr **DATE:** 12/10/07

FROM: David Chapman, Don Moore **FILE:**

RE: Former Maspeth Substation Weekly CAMP and Soil Sampling Summary
Week Ending: December 8, 2007

Week Summary

This past week, no exceedances for either dust monitoring (as measured by three on-site PDRs) or volatile organic compounds (as measured by two on-site PIDs) were reported.

Intrusive activities this week consisted of continued remedial excavation beneath the concrete footer behind house #57-42 and #57-44 57th, with subsequent soil sampling, and backfilling.

On December 5, 2007 three confirmatory samples (one bottom and two sidewall samples) were collected from beneath the concrete footer behind house #57-42 57th Drive. Results were received from the laboratory and are presented below.

On December 6, 2007 three confirmatory samples (one bottom and two sidewall samples) were collected from beneath the concrete footer in the vicinity of #57-42 and #57-44 57th Drive. Results were received from the laboratory and are presented below.

CAMP Summary

The weekly summary for the CAMP PDR and PID monitoring are presented below. There were no Elevated Short Term Exposure Limit (STEL) readings reported this week.

Former Maspeth Substation						
Weekly CAMP Summary						
12/8/2007						
Date	PDR	Maximum Instantaneous (mg/m^3)	Maximum STEL (mg/m^3)	Average Concentration (mg/m^3)	Upwind Station (X)	Station Location
12/3/2007	2516	0.265	0.035	0.026		58th Street
12/3/2007	4387	0.039	0.030	0.013		North Sector
12/3/2007	3655	0.689	0.036	0.017	X	Rust Street Fence
12/4/2007	2516	0.345	0.011	0.000		58th Street
12/4/2007	4387	0.108	0.030	0.009		North Sector
12/4/2007	3655	0.221	0.035	0.014	X	Rust Street Fence
12/5/2007	2516	0.065	0.000	0.000		58th Street
12/5/2007	4387	0.206	0.068	0.029		North Sector
12/5/2007	3655	2.185	0.043	0.020	X	Rust Street Fence
12/6/2007	2516	0.258	0.029	0.009		58th Street
12/6/2007	4387	0.084	0.034	0.017		North Sector
12/6/2007	3655	0.261	0.066	0.030	X	Rust Street Fence
12/7/2007	2516	No Intrusive Work	No Intrusive Work	No Intrusive Work		58th Street
12/7/2007	4387	No Intrusive Work	No Intrusive Work	No Intrusive Work		North Sector
12/7/2007	3655	No Intrusive Work	No Intrusive Work	No Intrusive Work		Rust Street Fence

Former Maspeth Substation Weekly CAMP Summary: PID Readings Week Ending 12/08/2007					
Date	PID	Measurement Type	Min (ppm)	Avg (ppm)	Max (ppm)
12/3/2007	1	Peak Data Value	N/A	0.3	0.8
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.1	0.3
		Avg Data Value	N/A	0.1	0.3
12/3/2007	2	Peak Data Value	N/A	0.0	0.0
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.0	0.0
12/4/2007	1	Peak Data Value	N/A	0.6	1.4
		Min Data Value	N/A	0.0	0.2
		TWA Data Value	N/A	0.3	0.4
		Avg Data Value	N/A	0.4	0.6
12/4/2007	2	Peak Data Value	N/A	0.2	0.6
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.0	0.0
12/5/2007	1	Peak Data Value	N/A	0.8	2.5
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.1	0.3
		Avg Data Value	N/A	0.1	0.4
12/5/2007	2	Peak Data Value	N/A	28.0	50.0
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.2	0.3
		Avg Data Value	N/A	0.2	0.4
12/6/2007	1	Peak Data Value	N/A	0.4	2.4
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.1
		Avg Data Value	N/A	0.0	0.2
12/6/2007	2	Peak Data Value	N/A	0.2	2.6
		Min Data Value	N/A	0.0	0.0
		TWA Data Value	N/A	0.0	0.0
		Avg Data Value	N/A	0.0	0.0
12/7/2007	1	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		
12/7/2007	2	Peak Data Value	N/A	No Intrusive Activities	
		Min Data Value	N/A		
		TWA Data Value	N/A		
		Avg Data Value	N/A		

PID 1 = 58th Street
PID 2 = North Fence/Sector.

Soil Sampling and Soil Sampling Results

This week, two bottom and four sidewall samples were collected from beneath the concrete footer as confirmatory samples and received from the laboratory. Results are tabulated below.

Two samples had reported results for total PCBs at concentrations above 1 ppm (MA-SW-58,65 (7.5) at 23.7 ppm and MA-SSB-55.5,64 (9.0) at 9.64 ppm). The first sample is located in the backyard of house #57-42 just north of the concrete footer. The second sample is located beneath the concrete footer behind house #57-44 57th Drive. All other soil samples had reported results for total PCBS at < 1 ppm or less than the laboratory's reportable detection limits.

Former Maspeth Substation
Soil Sample Summary
Week Ending 12/08/2007

Sample Location	Sample Date	Depth (feet bls)	Head Space (ppm)	Analytes	ETL COC	TOTAL PCBs (ppm)	TOTAL TPH (ppm)	Comments
MA-SSB-59.5,64.5 (9.2)	12/5/2007	9.2	na	PCBs	SA 71906	0.484		Concrete footer behind #57-42
MA-SW-59,65.5 (7.5)	12/5/2007	7.5	na	PCBs	SA 71906	0.340		Concrete footer behind #57-42
MA-SW-58,65 (7.5)	12/5/2007	7.5	na	PCBs	SA 71906	23.7		Backyard of #57-42
MA-SSB-55.5,64 (9.0)	12/6/2007	9.0	na	PCBs	SA 71943	9.64		Concrete footer behind #57-44
MA-SW-55.5,65 (7.5)	12/6/2007	7.5	na	PCBs	SA 71943	0.0811		Backyard of #57-44
MA-SW-54,64 (7.5)	12/6/2007	7.5	na	PCBs	SA 71943	0.142		Concrete footer behind #57-44

Appendix D

Photo 1 – View of 57-42 after using Vactron to remove top one foot of soil in November 2008.

Photo 2 – View of 57-42 showing excavator removing soil.

Photo 3 – View of 57-52 post excavation showing plastic liner installed prior to back-filling.

Photo 4 – View of Geoprobe advancing sampler under fence footer, into backyard of 57-42 in January 2008.

Photo 5 – View of 57-42 backyard with fence footer removed, previously installed clean fill removed, ready to begin installation of overdrill cans in June 2008.

Photo 6 – Over-drilling behind 57-42.

Photo 7 – Disposal of soil from overdrill behind 57-42 into on-site container.

Photo 8 – Excavated cans in backyard of 57-42, ready for concrete pour, June 2008.

Photo 9 – Pouring of concrete into excavated cans in 57-42 backyard in June 2008.

Appendix E

CWM

TK #580 AE502394

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000069441	1	(718) 204-4100	002551249 JJK

GENERATOR

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK
31-01 20TH AVE ATTN: TOM O'CONNELL
ASTORIA NY 11106
Generator's Phone: (718) 204-4262

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name: HORWITH TRUCKING, INC. U.S. EPA ID Number: PAD146714878

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-6231
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE,9., UN3432,III NY100083	001	CM	15000	K		B007	
	2.							
	3.		CM					
	4.							

14. Special Handling Instructions and Additional Information
1. NY100083 - PCB CONTAMINATED SOIL <500 PPM PCBs ERG# 171 Read 171.21K
PCB OUT OF SERVICE DATE: 11-14-07 WEIGHT IS ESTIMATED
2161 & 2162 Can RB2172IRT SR 850139-L

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ELTON HANSON Signature: E Hanson Month: 11 Day: 14 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bryan Lynch Signature: Bryan Lynch Month: 11 Day: 14 Year: 07

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Ellen Carter Signature: Ellen Carter Month: 11 Day: 16 Year: 07

Date: 11/27/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Rich Leathers of CWM - Model City who confirmed that the shipment for manifest # 00255249 JJK was in fact received on 11/16/07.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/16/07 as described on Shipping Document number 002551249JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8161986201
CWM Unit #: 1*0
Disposal Date: 11/16/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311243
11/19/07

For questions please call our Customer Service Dept. at (800) 843-3604

TK#598 XT 45063 CWM CAN 70057

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000089441	1	(718) 204-4100	002551250 JJK

GENERATOR

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK,
31-01 20TH AVE ATTN: TOM O'CONNELL
ASTORIA NY 11105
Generator's Phone: (718) 204-4282

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name: HORWITH TRUCKS INC. U.S. EPA ID Number: PAD141671418

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049636679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE,9,, UN3432,III NY100083	001	CM	15000	K		B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY100083 - PCB CONTAMINATED SOIL <500 PPM PCBS ERG# 171
PCB OUT OF SERVICE DATE: 11.14.07 WEIGHT IS ESTIMATED
81619791 Read 13989K *

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: EILEEN HANSON Signature: Eileen Hanson Month: 11 Day: 14 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TIMOTHY J NORTHROP Signature: Month: 11 Day: 14 Year: 07
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: EILEEN CARTON Signature: Eileen Carton Month: 11 Day: 15 Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 11/27/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Rich Leathers of CWM - Model City who confirmed that the shipment for manifest # 002557250 JJK was in fact received on 11/15/07.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/15/07 as described on Shipping Document number 002551250JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8161979101
CWM Unit #: 1*0
Disposal Date: 11/15/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311178
11/16/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

CWMI

TR#3 XW49129

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000039441	1	(718) 204-4100	002551251 JJK

GENERATOR

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK
31-01 20TH AVE ATTN: TOM O'CONNELL
ASTORIA NY 11105
Generator's Phone: (718) 204-4282

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name: HORWITH TRUCKS, INC. — U.S. EPA ID Number: PAD146714878

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9,, UN3432, III NY100083	001	CM	15000 EST.	K		B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY100083 - PCB CONTAMINATED SOIL <500 PPM PCBS ERG# 171
PCB OUT OF SERVICE DATE: 11.15.07 WEIGHT IS ESTIMATED
R161345 SR 850139-1
Rem. 14470K
14470K dfm

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ELTON HANSON — Signature: E Hanson — Month: 11 Day: 15 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tom Shoemaker — Signature: Tom Shoemaker — Month: 11 Day: 15 Year: 07

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Angela Cadwalader — Signature: Angela Cadwalader — Month: 11 Day: 16 Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 11/27/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Rich Leathers of CWM - Model City who confirmed that the shipment for manifest # 002557251 JJK was in fact received on 11/16/07.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/16/07 as described on Shipping Document number 002551251JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8161984501
CWM Unit #: 1*0
Disposal Date: 11/16/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311228
11/19/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

CWM

TK #580 AE 503394

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000089441	1	(718) 204-4100	002551252 JJK

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK
31-01 20TH AVE ATTN: TOM O'CONNELL
ASTORIA NY 11106
Generator's Phone: (718) 204-4282

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name: HORWITH TRUCKS INC. — U.S. EPA ID Number: PAD 146714878

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836678

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN3432, III NY100083	001	CM	15000	K		B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY100083 - PCB CONTAMINATED SOIL <500 PPM PCBS ERG# 171
PCB OUT OF SERVICE DATE: 11-15-07 WEIGHT IS ESTIMATED Read 15404K
(8) 8161881 Can R2827RT 5R 850139-2

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ELTON HANSON — Signature: Elton Hanson — Month 11 Day 15 Year 07

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bryan Lynch — Signature: Bryan Lynch — Month 11 Day 15 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: EILEEN CARTON — Signature: Eileen Carton — Month 11 Day 19 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 11/27/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Rich Leathers of CWM - Model City who confirmed that the shipment for manifest # 002551252 JJK was in fact received on 11/19/07.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/19/07 as described on Shipping Document number 002551252JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8161988101
CWM Unit #: 1*0
Disposal Date: 11/19/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311257
11/20/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

CWM1

TK #580 AE 50394

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR 000089441	1	(718) 204-4100	002815276 JJK

GENERATOR

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK
31-01 20TH AVE. ATT: TOM O'CONNELL
ASTORIA NY 11105
Generator's Phone: (718) 204-4282

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name
HORWITH TRUCKS, INC.
U.S. EPA ID Number
PAD 146714878

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, LLC
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number
NYA 049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN3432, III	001	CM	EST. 15000	K	B007
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NY 100083 - PCB CONTAMINATED SOIL < 500 PPM PCBS ERG # 171
PCB OUT OF SERVICE DATE 11-16-07. SRH 850138-2
81819433 WEIGHT IS ESTIMATED.
Cam 2003

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ELTON HANSON
Signature: Elton Hanson
Month 11 Day 16 Year 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bryan Lynch
Signature: Bryan Lynch
Month 11 Day 16 Year 07

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty not verified rec'd 7974K
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Eileen Carter
Signature: Eileen Carter
Month 11 Day 20 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 12/4/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Jim Callahan of CWM - Model City who confirmed that the shipment for manifest # 0028/5276 JJK was in fact received on 11/20/07.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/20/07 as described on Shipping Document number 002815276JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8161993301
CWM Unit #: 1*0
Disposal Date: 11/20/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311321
11/21/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

TK 580 AE50394

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000089441	1	(718) 204-4100	002551475 JJK

GENERATOR

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK
31-01 20TH AVE ATTN: TOM O'CONNELL
ASTORIA NY 11105
Generator's Phone: (718) 204-4282

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name: HORWITH TRUCKS, INC. — U.S. EPA ID Number: PAD 146714878

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
Facility's Phone: (716) 754-8231
U.S. EPA ID Number: NYD049836673

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE,9,, UN3432,III NY100083	001	CM	EST. 15000	K		B007	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. NY100083 - PCB CONTAMINATED SOIL <500 PPM PCBS ERG# 171 RQ B309K *
PCB OUT OF SERVICE DATE: 11-19-07 WEIGHT IS ESTIMATED
Can R25323 SR 8509[illegible]-2 5/6 2016

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ELTON HANSON — Signature: E Hanson — Month 11 Day 19 Year 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bryan Lynch — Signature: Bryan Lynch — Month 11 Day 19 Year 07

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Qty est. Actual Recd 13309K Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: THELMA HOOKER — Signature: Thelma Hooker — Month 11 Day 26 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 12/4/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Jim Callahan of CWM - Model City who confirmed that the shipment for manifest # 002551475 JJK was in fact received on 11/26/07.

Note: 7 days To get To Model City ?

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/26/07 as described on Shipping Document number 002551475JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8162001601
CWM Unit #: 1*0
Disposal Date: 11/26/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311399
11/27/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

Tk # 3 XW 49139 CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000089441	1	(718) 204-4100	002551476 JJK

5. Generator's Name and Mailing Address
CONSOLIDATED EDISON NEW YORK
31-01 20TH AVE ATTN: TOM O'CONNELL
ASTORIA NY 11105
(718) 204-4282

Generator's Site Address (if different than mailing address)
CONSOLIDATED EDISON NEW YORK
57-77 RUST STREET
MASPETH NY 11378-2244

Generator's Phone:

Transporter 1 Company Name: HORWITH TRUCKS, INC — U.S. EPA ID Number: PAD 146714878

Transporter 2 Company Name — U.S. EPA ID Number

Name and Site Address: CHEMICAL SERVICES, L.L.C.
BALMER RD.
CITY NY 14107
(716) 754-8231
U.S. EPA ID Number: NYD049836679

9. Description (including Proper Shipping Name, Hazard Class, ID Number, Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
Q. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9,, UN3432, III NY100083	001	CM	EST. 15000	K		D007	
2.							
3.							
4.							

14. Special Handling Instructions and Additional Information
1. NY100083 - PCB CONTAMINATED SOIL <500 PPM PCBS ERG# 171
PCB OUT OF SERVICE DATE: 11-20-07
WEIGHT IS ESTIMATED
8160709 SR 850140 Rec'd 15785K

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ELTON HANSON — Signature: E Hanson — Month 11 Day 20 Year 07

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TOM SHOEMAKER — Signature — Month 11 Day 26 Year 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: EILEEN CARLTON — Signature: Eileen Carlton — Month 11 Day 21 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 12/4/07

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Jim Callahan of CWM - Model City who confirmed that the shipment for manifest # 002551476 JJK was in fact received on 11/21/07.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 11/21/07 as described on Shipping Document number 002551476JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8161996901
CWM Unit #: 1*0
Disposal Date: 11/21/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 311358
11/26/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR 000089441
2. Page 1 of: 1
3. Emergency Response Phone: (718) 204-4100
4. Manifest Tracking Number: 001169977 JJK

5. Generator's Name and Mailing Address:
CONSOLIDATED EDISON COMPANY NEW YORK
31-01 20TH AVE
ASTORIA NY 11105 ATTN: TOM O'CONNELL

Generator's Phone: 718-204-4280

Generator's Site Address (if different than mailing address):
CONSOLIDATED EDISON COMPANY OF NY
57-77 RUST STREET
MASPETH NY 11378-2244

6. Transporter 1 Company Name: FREEHOLD CARTAGE, INC. — U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
CWM CHEMICAL SERVICES LLC
1550 BALMER ROAD 7/7
MODEL CITY NY 14107

Facility's Phone: (716) 754-8231

U.S. EPA ID Number: NYD049836679

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN3432, III RA 7/7 NON-HAZARDOUS PCB TSCA SOIL	001	CM	7000	KG	NA
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
PCB SOURCE WASTE 75 PPM NY100083 7/7 PCB DOS= 6/[illegible]
8165247 Rec'd 8664K [illegible] 7/8

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: URICK SAMUEL — Signature: [signature] — Month 7 Day 2 Year 08

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bill Burns — Signature: [signature] — Month 07 Day 02 Year 08
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☒ Type ITEM 13 ADD B007 ☐ Residue ☐ Partial Rejection ☐ Full Rejection
[illegible]
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: EILEEN CARTER — Signature: [signature] — Month 7 Day 7 Year 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Date: 7/16/08

Vendor Certification of Receipt of Shipment

I Thomas F. O'Connell of Con Edison certify that I telephoned Jim Callahan of CWM - Model City who confirmed that the shipment for manifest # 001169977 JJK was in fact received on 7/7/08.

WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

CONSOLIDATED EDISON NEW YORK
ATTN: TOM O'CONNELL
NYR000089441
31-01 20TH AVE, BLDG. 136
ASTORIA NY 11105

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from CONSOLIDATED EDISON NEW YORK on 07/07/08 as described on Shipping Document number 001169977JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: NY100083
CWM Tracking ID: 8162524701
CWM Unit #: 1*0
Disposal Date: 07/07/08

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 318556
07/08/08

For questions please call
our Customer Service Dept.
at (800) 843-3604

Appendix F

ALPHA
GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

December 22, 2006

Mr. Donald Moore, P.G.
Jacques Whitford Company, Inc.
27 Congress St.
P.O. Box 4696
Portsmouth, NH 03801

Re: Data Validation Report
Maspeth Substation
2005 Soil Samples

Dear Mr. Moore:

The data usability summary report and data validation summaries are attached to this letter for the above referenced project. The data for the following Environmental Testing Laboratories, Inc., ETL custody numbers were acceptable, with some minor issues that are identified in the validation summaries.

0511140	0511210	0511278	0511411
0511437	0511510	0511532	0511568
0512032	0512096		

There were volatile results that were rejected (R) in packs 0511140, 0511210, and 0511278. As explained in the DUSR, the volatile result that was flagged "R" were associated with initial and continuing calibrations that were method compliant, and the laboratory instruments responded to the compounds with "relative response factors" that were greater than 0.010. The volatile data are qualified as "R" based solely on the data validation criteria. The data may be determined to be acceptable to the user based on the instrument response(s), the compliant calibrations, and/or other project-specific information that is not available to the data validator.

We have attached lists of data validation acronyms and data qualifiers to assist you in the interpretation of the reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Jacques Whitford Company, Inc.

Sincerely,
Alpha Geoscience

Donald Anné

Donald Anné
Senior Chemist

DCA:dca
attachment

Z:\projects\2006\06621-06640\06630-maspeth substaion\moore-5.ltr.wpd

679 Plank Road ▪ Clifton Park, New York 12065 ▪ (518) 348-6995 ▪ FAX (518) 348-6966
www.alphageoscience.com

ALPHA
GEOSCIENCE
Geology
Hydrology
Remediation
Water Supply

January 14, 2008

Mr. Donald Moore, P.G.
Jacques Whitford Company, Inc.
27 Congress St.
P.O. Box 4696
Portsmouth, NH 03801

Re: Data Validation Report
Maspeth Substation
August-November 2007 Soil Samples

Dear Mr. Moore:

The data usability summary reports and data validation summaries are attached to this letter for the above referenced project. The data for Spectrum Analytical , Inc. work orders SA67320, SA70787, SA70810, SA71357, and SA71454 were acceptable, with some minor issues that are identified in the validation summaries. There were no data that were rejected (R) or estimated (J) in these data packs.

We have attached lists of data validation acronyms and data qualifiers to assist you in the interpretation of the reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Jacques Whitford Company, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

Z:\projects\2006\06621-06640\06630-maspeth substaion\moore-73.ltr.wpd

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA67320
7 Soil Samples and 1 Field Duplicate
Collected August 27, 2007

Prepared by: Donald Anné
January 14, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil samples and 1 field duplicate analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA67320
7 Soil Samples and 1 Field Duplicate
Collected August 27, 2007

Prepared by: Donald Anné
January 14, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: Two of two relative percent differences were above the allowable maximums and 4 of 4 percent recoveries were above QC limits for MS/MSD sample MA-GP-72,64(6.0-6.5. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7082273-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-GP-72,64(6.0-6.5) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Field Duplicates: The analyses of field duplicates MA-GP-146,62(10.0-10.5) and Dupe reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. Detected aroclors were confirmed on a second dissimilar column.

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Data Usability Summary Report for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0511278
8 Soil Samples and 1 Trip Blank
Collected November 11, 2005

Prepared by: Donald Anné
December 22, 2006

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results for 2 soil samples analyzed for volatiles, semi-volatiles, PCBs, and THC; 6 soil samples analyzed for PCBs and THC; and 1 trip blank analyzed for volatiles only.

The overall performances of the analyses are acceptable. ETL, Inc. did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The "not detected" volatile results for t-butyl alcohol were flagged as "unusable" (R) for the trip blank and both soil samples because the response factors for t-butyl alcohol were below the allowable minimum in the associated initial and continuing calibrations.

- The "not detected" volatile result for 2-chloroethylvinylether were flagged as "unusable" (R) for both soil samples because the response factors for 2-chloroethylvinylether were below the allowable minimum in the associated initial and continuing calibrations.

- Positive results for methylene chloride were flagged as "not detected" (U) for both soil samples because the levels reported in the samples were not significantly greater (more than 10 times) than the associated trip blank level.

- The results for aroclor-1260 were flagged as "estimated" (J) for samples MA-SW-62,64(6) and MA-SW-67,64(5) because the both surrogate recoveries were above the QC limits on the Rtx-CLP-2 column.

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- The result for aroclor-1260 was flagged as "estimated" (J) for sample MA-SW-51,62(5) because the %D for dual column quantitation was above the allowable maximum.

All data that are not flagged rejected (R) are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of Volatiles Data for
Environmental Testing Laboratories, Inc.
ETL Custody No. 0511278
2 Soil Samples and 1 Trip Blank
Collected November 11, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were analyzed within NYSDEC holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within control limits for method 8260B.

The %RSDs for target compounds were below the allowable maximum (30%), as required.

The average RRF for t-butyl alcohol (0.0199) was below the allowable minimum (0.050), but was greater than 0.010 (the method-compliant minimum) for C1977 on 11-09-05. Positive results for t-butyl alcohol should be considered estimates (J) and negative results unusable (R) in associated samples.

Continuing Calibration: The SPCCs and CCCs were within control limits for method 8260B.

The %Ds for the following compounds were above the allowable maximum (25%) on 11-14-05 (B1915-4030). Positive results for these compounds should be considered estimates (J) in associated samples.

chloromethane (29.7%)	bromomethane (36.3%)
acetone (31.2%)	methyl t-butyl ether (36.2%)
acrylonitrile (33.1%)	2,2-dichloropropane (49.6%)
TAME (52.9%)	2-chloroethylvinylether (91.0%)

The RRF50 for t-butyl alcohol (0.0217) was below the allowable minimum (0.050), but was greater than 0.010 on 11-09-05 (C1983-1423). The RRF50s for t-butyl alcohol (0.0488) and 2-chloroethylvinylether (0.0259) were below the allowable minimum (0.050), but were greater than 0.010 on 11-14-05 (B1915-4030). Positive results for these two compounds should be considered estimates (J) and negative results unusable (R) in associated samples.

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Blanks: The analyses of method blanks reported target compounds as not detected. The trip blank contained a trace of methylene chloride (2.21 ug/L). Results for methylene chloride that are less than ten times the trip blank should be considered not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample MA-SW-51,64(5).

Laboratory Control Sample: The percent recoveries for target compounds were within the QC limits for samples MSB-73 and MSB-61.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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QA/QC Review of Semi-Volatiles Data for
Environmental Testing Laboratories, Inc.
ETL Custody No. 0511278
2 Soil Samples
Collected November 11, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The SPCCs and CCCs were within control limits for method 8270C.

The average RRFs for target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The SPCCs and CCCs were within control limits for method 8270C.

The RRF60s for target compounds were above the allowable minimum (0.050), as required.

The %Ds for 2,4-dinitrophenol (40.0%) and 4,6-dinitro-o-cresol (30.2%) were above the allowable maximum (25%) on 11-11-05 (A1418-7851). Positive results for these two compounds should be considered estimates (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within control limits for MS/MSD sample 0511221-01.

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Laboratory Control Sample: The percent recoveries for target compounds were within QC limits for sample MSB-97.

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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QA/QC Review of PCB Aroclor Data for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0511278
8 Soil Samples
Collected November 11, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: Both surrogate recoveries for samples MA-SW-62,64(6) and MA-SW-67,64(5) were above QC limits on the Rtx-CLP-2 column. Positive results for samples MA-SW-62,64(6) and MA-SW-67,64(5) should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor-1016 and aroclor-1260 were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample 0511210-11.

Laboratory Control Sample: The percent recoveries for aroclor-1260 and aroclor-1016 were within QC limits for sample MSB-03.

Initial Calibration: The correlation coefficients for target aroclors were above the allowable minimum (0.995) for both columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked compounds were within GC quantitation limits. The %D for dual column quantitation of aroclor-1260 in sample MA-SW-51,62(5) was above the allowable maximum (25%). The result for aroclor-1260 in sample MA-SW-51,62(5) should be considered estimated (J).

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QA/QC Review of Total Hydrocarbon (THC) Data
for Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0511278
8 Soil Samples
Collected November 11, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target hydrocarbons as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference was below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample 0511211-20.

Laboratory Control Sample: The percent recoveries for THC were within QC limits for samples MSB-48 and MSB-49.

Initial Calibration: The %RSD for THC was below the allowable maximum (20%), as required.

DRP Check Sample: The percent recoveries for DRO were within QC limits.

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Data Usability Summary Report for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512032
10 Soil Samples
Collected November 30 and December 1, 2005

Prepared by: Donald Anné
December 22, 2006

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results for 10 soil samples analyzed for PCBs.

The overall performances of the analyses are acceptable. ETL, Inc. did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The results for aroclor-1260 were flagged as "estimated" (J) for samples MA-SW-96,63.5(2), MA-SSB-125,22(22), and MA-SW-81,63(2) because the %D for aroclor-1260 were above the allowable maximum on the Rtx-CLP-2 column for the associated continuing calibration.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512032
10 Soil Samples
Collected November 30 and December 1, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analyses of method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor-1016 and aroclor-1260 were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample MA-SW-109,63(6).

Laboratory Control Sample: The percent recoveries for aroclor-1260 and aroclor-1016 were within QC limits for sample MSB-27.

Initial Calibration: The correlation coefficients for target aroclors were above the allowable minimum (0.995) for both columns, as required.

Continuing Calibration: The %D for aroclor-1260 (22.8%) was above the allowable maximum (15%) on 12-01-05 (GB1033-28) on the Rtx-CLP-2 column. Positive results for aroclor-1260 should be considered estimates (J) in associated samples.

PCB Identification Summary for Multi-Component Analytes: Checked compounds were within GC quantitation limits. The %D for aroclor-1260 in sample MA-SW-81,63(2) was above the allowable maximum (25%). The results for aroclor-1260 in samples MS-SW-81,63(2) should be considered estimated (J).

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Data Usability Summary Report for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512096
9 Soil Samples and 1 Liquid Sample
Collected December 1 and 2, 2005

Prepared by: Donald Anné
December 22, 2006

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results for 9 soil samples analyzed for PCBs, and 1 liquid sample analyzed for PCBs and THC.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The aroclor-1260 result was flagged as "estimated" (J) for sample37,30-Oil because the DCB surrogate recoveries for sample 37,30-Oil were above the QC limits.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512096
9 Soil Samples and 1 Liquid Sample
Collected December 1 and 2, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The DCB surrogate recoveries for sample 37,30-Oil were above QC limits on both columns. Positive results for sample 37,30-Oil should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor-1016 and aroclor-1260 were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample 0512083-01.

Laboratory Control Sample: The percent recoveries for aroclor-1260 and aroclor-1016 were within QC limits for samples MSB-29 and MSB-31.

Initial Calibration: The correlation coefficients for target aroclors were above the allowable minimum (0.995) for both columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked compounds were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclors were below the allowable maximum (25%).

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Data Usability Summary Report for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512096
9 Soil Samples and 1 Liquid Sample
Collected December 1 and 2, 2005

Prepared by: Donald Anné
December 22, 2006

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results for 9 soil samples analyzed for PCBs, and 1 liquid sample analyzed for PCBs and THC.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The aroclor-1260 result was flagged as "estimated" (J) for sample37,30-Oil because the DCB surrogate recoveries for sample 37,30-Oil were above the QC limits.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512096
9 Soil Samples and 1 Liquid Sample
Collected December 1 and 2, 2005

Prepared by: Donald Anné
December 22, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The DCB surrogate recoveries for sample 37,30-Oil were above QC limits on both columns. Positive results for sample 37,30-Oil should be considered estimates (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor-1016 and aroclor-1260 were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample 0512083-01.

Laboratory Control Sample: The percent recoveries for aroclor-1260 and aroclor-1016 were within QC limits for samples MSB-29 and MSB-31.

Initial Calibration: The correlation coefficients for target aroclors were above the allowable minimum (0.995) for both columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked compounds were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclors were below the allowable maximum (25%).

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Data Usability Summary Report for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512118
9 Soil Samples
Collected December 2, 2005

Prepared by: Donald Anné
December 1, 2006

The data packages contain the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data packs contained the results for 9 soil samples analyzed for PCBs.

The overall performances of the analyses are acceptable. ETL, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with no issues that are identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data for
Environmental Testing Laboratories (ETL), Inc.
ETL Custody No. 0512118
9 Soil Samples
Collected December 2, 2005

Prepared by: Donald Anné
December 1, 2006

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analyses of method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for environmental samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor-1016 and aroclor-1260 were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample 0512083-01.

Laboratory Control Sample: The percent recoveries for aroclor-1260 and aroclor-1016 were within QC limits for sample PBLK-31.

Initial Calibration: The correlation coefficients for target aroclors were above the allowable minimum (0.995) for both columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked compounds were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclors were below the allowable maximum (25%).

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA61721
7 Soil Samples
Collected May 7, 2007

Prepared by: Donald Anné
August 15, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 7 soil samples analyzed for PCBs.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The "not detected" and positive results for target aroclors were flagged as "estimated" (J) in re-extracted sample MA-SW-71,68(0-2) because the sample was re-extracted beyond NYSDEC ASP holding times.
- The positive results for arolcor-1260 were flagged as "estimated" (J) in samples MA-SW-62,67.5(2), MA-SW-62,67.5(2-6), MA-SW-93,66(0-2), and MA-SW-155,66(0-2) because the %Ds for dual column quantitation were above the allowable maximum.

0-2' in Table

All data that are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA61721
7 Soil Samples
Collected May 7, 2007

Prepared by: Donald Anné
August 15, 2007

Holding Times: Sample MA-SW-71,68(0-2) was re-extracted beyond NYSDEC holding times. All results for re-extracted sample MW-SW71,68(0-2) should be considered estimated (J).

Blanks: The analyses of method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD samples SA62431-01 and MA-SW-62,67.5(2-6).

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSDs 7051718-BS1/BSD1 and 7050578-BS1/BSD1.

Duplicate: The relative percent difference for aroclor-1260 was below the laboratory allowable maximum (40%) for duplicate sample MA-SW-62,67.5(2-6), as required.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked aroclors were within GC quantitation limits. The %Ds for dual column quantitation of aroclor-1260 were above the allowable maximum for samples MA-SW-62,67.5(2), MA-SW-62,67.5(2-6), MA-SW-93,66(0-2), and MA-SW-155,66(0-2). Results for aroclor-1260 should be considered estimated (J) in these samples.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA61792
14 Soil Samples
Collected May 8, 2007

Prepared by: Donald Anné
August 15, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 14 soil samples analyzed for PCBs.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive result for arolcor-1260 was flagged as "estimated" (J) in samples MA-SW-131,66(0-2) because the %D for dual column quantitation was above the allowable maximum. 0-2 inches

All data that are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA61792
14 Soil Samples
Collected May 8, 2007

Prepared by: Donald Anné
August 15, 2007

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample MA-SW-131,66(6-10).

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7050668-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-SW-131,66(6-10) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked aroclors were within GC quantitation limits. The %D for dual column quantitation of aroclor-1260 was above the allowable maximum for sample MA-SW-131, 66(0-2). Results for aroclor-1260 should be considered estimated (J) in this sample.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA61870
15 Soil Samples
Collected May 9, 2007

Prepared by: Donald Anné
August 15, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 15 soil samples analyzed for PCBs.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The "not detected" and positive results for target aroclors were flagged as "estimated" (J) in re-extracted sample MA-SW-23,66(0-2) because the sample was re-extracted beyond NYSDEC ASP holding times. (0-2")
- The positive result for arolcor-1260 was flagged as "estimated" (J) in sample MA-SW-23,66(0-2) because the %D for dual column quantitation was above the allowable maximum. (0-2")

All data that are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA61870
15 Soil Samples
Collected May 9, 2007

Prepared by: Donald Anné
August 15, 2007

Holding Times: Sample MA-SW-23,66(0-2) was re-extracted beyond NYSDEC holding times. All results for re-extracted sample MW-SW-23,66(0-2) should be considered estimated (J).

Blanks: The analyses of method blanks reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD samples MA-SW-82,67(6-10) and SA62431-01.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSDs 7050745-BS1/BSD1 and 7051718-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-SW-82,67(6-10) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked aroclors were within GC quantitation limits. The %D for dual column quantitation of aroclor-1260 was above the allowable maximum for sample MA-SW-23, 66(0-2)re. Results for aroclor-1260 should be considered estimated (J) in this sample.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA61922
11 Soil Samples
Collected May 10, 2007

Prepared by: Donald Anné
August 15, 2007

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 11 soil samples analyzed for PCBs.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical methods.

The data are acceptable with some minor issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive result for arolcor-1260 was flagged as "estimated" (J) in samples MA-SW-32, 66(26-30) because the %D for dual column quantitation was above the allowable maximum.

All data that are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA61922
11 Soil Samples
Collected May 10, 2007

Prepared by: Donald Anné
August 15, 2007

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximum and the percent recoveries were within QC limits for MS/MSD sample SA61889-07.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7050851-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample SA61889-07 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked aroclors were within GC quantitation limits. The %D for dual column quantitation of aroclor-1260 was above the allowable maximum for sample MA-SW-32, 66(26-30). Results for aroclor-1260 should be considered estimated (J) in this sample.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA70711
3 Soil Samples
Collected November 8, 2007

Prepared by: Donald Anné
February 8, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 3 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA70711
3 Soil Samples
Collected November 7, 2007

Prepared by: Donald Anné
February 8, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample SA70571-01.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7110616-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample SA70571-01 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclors were below the laboratory maximum.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA70787
1 Soil Sample
Collected November 8, 2007

Prepared by: Donald Anné
January 14, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 soil sample analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA70787
1 Soil Sample
Collected November 8, 2007

Prepared by: Donald Anné
January 14, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 soil sample analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA70787
1 Soil Sample
Collected November 8, 2007

Prepared by: Donald Anné
January 14, 2008

Holding Times: Sample MA-SSB-23,68(15) was extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for sample MA-SSB-23,68(15).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample SA70730-01.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7110748-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample SA70730-01 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. The analysis of sample MA-SSB-23,68(15) reported target aroclors as not detected.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA70810
1 Soil Sample
Collected November 9, 2007

Prepared by: Donald Anné
January 14, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 soil sample analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA70810
1 Soil Sample
Collected November 9, 2007

Prepared by: Donald Anné
January 14, 2008

Holding Times: Sample MA-SSB-66,64(7.5) was extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: One of two surrogate recoveries for sample MA-SSB66,64(7.5) was above QC limits on one column. No action is taken on one surrogate outside QC limits on one column, provided the recovery is not below 10%.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample SA70730-01.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7110748-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample SA70730-01 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. The analysis of sample MA-SSB-66,64(7.5) reported target aroclors as not detected.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA70997
1 Soil Sample
Collected November 13, 2007

Prepared by: Donald Anné
February 8, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 soil sample analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA71058
6 Soil Samples
Collected November 14, 2007

Prepared by: Donald Anné
February 8, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 6 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive result for aroclor-1260 was flagged as "estimated" (J) in undiluted sample MA-SW-68,64(7.5) because 1 of 2 surrogate recoveries was above QC limits on both columns in the undiluted sample.

- The positive result for aroclor-1260 in undiluted sample MA-SW-68,64(7.5) was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for aroclor-1260 marked "E" in the undiluted sample was qualified as estimated (J).

- The positive result for aroclor-1260 was flagged as "estimated" (J) in sample MA-SSB-67,64(7.5) because relative percent difference for aroclor-1260 was above the allowable maximum for the duplicate analysis.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA71058
6 Soil Samples
Collected November 14, 2007

Prepared by: Donald Anné
February 8, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogates for diluted sample MA-SW-68,64(7.5) were diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

One of two surrogate recoveries for undiluted sample MA-SW-68,64(7.5) was above QC limits. Positive results for undiluted sample MA-SW-68,64(7.5) should be considered estimated (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were above the allowable maximums and the percent recoveries were outside QC limits for MS/MSD sample MA-SSB-67,64(7.5). No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7111274-BS1/BSD1.

Duplicate: The relative percent difference for aroclor-1260 was above the allowable maximum (40%) for laboratory duplicate MA-SSB-67,64(7.5). The result for aroclor-1260 should be considered estimated (J) in sample MA-SSB-67,64(7.5).

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

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PCB Identification Summary for Multi-Component Analytes: Checked results were within GC quantitation limits. The %D for dual column quantitation of aroclor-1260 was above the laboratory maximum in undiluted sample MA-SW-68,64(7.5). The result for aroclor-1260 in sample MA-SW-68,64(7.5) should be considered estimated (J).

The result for aroclor-1260 in sample MA-SW-68,64(7.5) was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted result for aroclor-1260 is recommended for sample MA-SW-68,64(7.5). It is recommended that the undiluted results be used for all other compounds.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA71357
1 Soil Sample
Collected November 20, 2007

Prepared by: Donald Anné
January 14, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 1 soil sample analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA71357
1 Soil Sample
Collected November 20, 2007

Prepared by: Donald Anné
January 14, 2008

Holding Times: Sample MA-SSB-68,67(7.5) was extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for sample MA-SSB-68,67(7.5).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample SA71333-01.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7111809-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample SA71333-01 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. The analysis of sample MA-SSB-68,67(7.5) reported target aroclors as not detected.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA71454
4 Soil Samples
Collected November 26, 2007

Prepared by: Donald Anné
January 14, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 4 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA71454
4 Soil Samples
Collected November 26, 2007

Prepared by: Donald Anné
January 14, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample MA-SW-73,65.5(7.5).

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7111961-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-SW-73,65.5(7.5) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of samples in this data pack reported target aroclors as not detected.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA71514
3 Soil Samples
Collected November 27, 2007

Prepared by: Donald Anné
February 8, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 3 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive result for aroclor-1260 was flagged as "estimated" (J) in undiluted sample MA-SW-59.5,64.5(7.5) because 1 of 2 surrogate recoveries on both columns and 2 of 2 surrogate recoveries on one column were above QC limits for the undiluted sample

- The positive result for aroclor-1260 in undiluted sample MA-SW-59.5,64.5(7.5) was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for aroclor-1260 marked "E" in the undiluted sample was qualified as estimated (J).

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA71514
3 Soil Samples
Collected November 27, 2007

Prepared by: Donald Anné
February 8, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogates for diluted sample MA-SW-59.5,64.5(7.5) were diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

One of two surrogate recoveries on both columns and two of two surrogate recoveries on one column for undiluted sample MA-SW-59.5,64.5(7.5) were above QC limits. Positive results for undiluted sample MA-SW-59.5,64.5(7.5) should be considered estimated (J).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample SA71197-05.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7112048-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample SA71197-05 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

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PCB Identification Summary for Multi-Component Analytes: Checked results were within GC quantitation limits. The %D for dual column quantitation of aroclor-1260 was above the laboratory maximum in undiluted sample MA-SW-59.5,64.5(7.5). The result for aroclor-1260 in sample MA-SW-59.5,64.5(7.5) should be considered estimated (J).

The result for aroclor-1260 in sample MA-SW-59.5,64.5(7.5) was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted result for aroclor-1260 is recommended for sample MA-SW-59.5,64.5(7.5). It is recommended that the undiluted results be used for all other compounds.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA71906
3 Soil Samples
Collected December 5, 2007

Prepared by: Donald Anné
February 8, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 3 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive result for aroclor-1260 in undiluted sample MA-SW-58,65(7.5) was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for aroclor-1260 marked "E" in the undiluted sample was qualified as estimated (J).

- The positive result for aroclor-1260 was flagged as "estimated" (J) in sample MA-SSB-59.5,64.5(9.2) because relative percent difference for aroclor-1260 was above the allowable maximum for the duplicate analysis.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA71906
3 Soil Samples
Collected December 5, 2007

Prepared by: Donald Anné
February 8, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogates for diluted sample MA-SW-59.5,64.5(7.5) were diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

Matrix Spike/Matrix Spike Duplicate: One of two relative percent differences was above the allowable maximum and the percent recoveries were above QC limits for MS/MSD sample MA-SSB-59.5,64.5(9.2). No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 7120344-BS1/BSD1.

Duplicate: The relative percent difference for aroclor-1260 was above the allowable maximum (40%) for laboratory duplicate MA-SSB-59.5,64.5(9.2). The result for aroclor-1260 should be considered estimated (J) in sample MA-SSB-59.5,64.5(9.2).

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

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PCB Identification Summary for Multi-Component Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclors were below the laboratory maxim.

The result for aroclor-1260 in sample MA-SW-58,65(7.5) was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted result for aroclor-1260 is recommended for sample MA-SW-58,65(7.5). It is recommended that the undiluted results be used for all other compounds.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA71943
3 Soil Samples
Collected December 6, 2007

Prepared by: Donald Anné
February 8, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 3 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The positive result for aroclor-1260 in undiluted sample MA-SSB-55.5,64(9.0) was quantitated using data that was extrapolated beyond the highest calibration standard and flagged "E" by the laboratory. The result for aroclor-1260 marked "E" in the undiluted sample was qualified as estimated (J).

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA71943 Soil Samples
Collected December 6, 2007

Prepared by: Donald Anné
February 8, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: One of two relative percent differences was above the allowable maximum and the percent recoveries were above QC limits for MS/MSD sample SA71906-01. No action is taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 71120344-BS1/BSD1.

Duplicate: The relative percent difference for aroclor-1260 was above the allowable maximum (40%) for laboratory duplicate SA71906-01. No action is taken because this sample is not from this data pack.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

PCB Identification Summary for Multi-Component Analytes: Checked results were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclos were below the laboratory maximum.

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The result for aroclor-1260 in sample MA-SSB-55.5,64(9.0) was quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The sample was diluted by the laboratory and re-analyzed; therefore, the result that is flagged as 'E' in the undiluted sample should be considered estimated (J). The use of the diluted result for aroclor-1260 is recommended for sample MA-SSB-55.5,64(9.0). It is recommended that the undiluted results be used for all other compounds.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA72884
3 Soil Samples
Collected January 2, 2008

Prepared by: Donald Anné
April 22, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 3 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA72884
3 Soil Samples
Collected January 2, 2008

Prepared by: Donald Anné
April 22, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample MA-SSB-55.5,64(12).

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 8010110-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-SSB-55.5,64(12) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

Internal Standard Area Summary: The internal standard areas and retention times were within QC limits.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of samples in this data pack reported target aroclors as not detected.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA72957
2 Soil Samples
Collected January 4, 2008

Prepared by: Donald Anné
April 22, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 2 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with no issues identified in the accompanying data validation review. There were no data flagged in this data pack and all data are usable. Detailed information on data quality is included in the data validation review.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA72957
2 Soil Samples
Collected January 4, 2008

Prepared by: Donald Anné
April 22, 2008

Holding Times: Samples were extracted and analyzed within NYSDEC holding times.

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences were below the allowable maximums and the percent recoveries were within QC limits for MS/MSD sample MA-SSB-58,65.5(10.5).

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 8010270-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-SSB-58,65.5(10.5) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

Internal Standard Area Summary: The internal standard areas and retention times were within QC limits.

PCB Identification Summary for Multi-Component Analytes: Checked aroclorss were within GC quantitation limits. The %Ds for dual column quantitation of detected aroclos were below the laboratory maximum.

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Data Usability Summary Report
for Spectrum Analytical, Inc.
Work Order SA73370
4 Soil Samples
Collected January 2 and 3, 2008

Prepared by: Donald Anné
April 22, 2008

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results for 4 soil samples analyzed for PCBs only.

The overall performances of the analyses are acceptable. Spectrum Analytical, Inc. did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were flagged:

- The "not detected" results for target aroclors were flagged as "estimated" (J) in all 4 soil samples because the samples were extracted beyond NYSDEC ASP holding times.

All data are considered usable, with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of PCB Aroclor Data
for Spectrum Analytical, Inc.
Work Order SA73370
4 Soil Samples
Collected January 2 and 3, 2008

Prepared by: Donald Anné
April 22, 2008

Holding Times: All 4 soil samples were extracted beyond NYSDEC holding times. All results for these samples should be considered estimated (J).

Blanks: The analysis of the method blank reported target aroclors as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: MS/MSD data was not provided in this data pack. No action it taken on MS/MSD data alone to qualify or reject an entire set of samples.

Laboratory Control Sample: The relative percent differences were below the allowable maximum, and the percent recoveries were within QC limits for LCS/LCSD 8011016-BS1/BSD1.

Duplicate: The analyses of the duplicates of sample MA-SSB-55.5,64(12) reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the duplicates were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) for primary and confirmation columns, as required.

Continuing Calibration: The %Ds for target aroclors were below the allowable maximum (15%), as required.

Internal Standard Area Summary: The internal standard areas and retention times were within QC limits.

PCB Identification Summary for Multi-Component Analytes: Checked surrogates were within GC quantitation limits. The analyses of samples in this data pack reported target aroclors as not detected.

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August 15, 2007

Mr. Donald Moore, P.G.
Jacques Whitford Company, Inc.
27 Congress St.
P.O. Box 4696
Portsmouth, NH 03801

Re: Data Validation Report
Maspeth Substation
May-June 2007 Soil Samples

Dear Mr. Moore:

The data usability summary reports and data validation summaries are attached to this letter for the above referenced project. The data for the following Spectrum Analytical , Inc. work orders were acceptable, with some minor issues that are identified in the validation summaries.

SA61721 SA61792 SA61870 SA61922 SA62022 SA63034

There were no data that were rejected (R) in these data packs.

We have attached lists of data validation acronyms and data qualifiers to assist you in the interpretation of the reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Jacques Whitford Company, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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February 8, 2008

Mr. Donald Moore, P.G.
Jacques Whitford Company, Inc.
27 Congress St.
P.O. Box 4696
Portsmouth, NH 03801

Re: Data Validation Report
Maspeth Substation
November and December 2007 Soil Samples

Dear Mr. Moore:

The data usability summary reports and data validation summaries are attached to this letter for the above referenced project. The data for Spectrum Analytical , Inc. work orders SA70711, SA70997, SA71058, SA71514, SA71906,and SA71943 were acceptable, with some minor issues that are identified in the validation summaries. There were no data that were rejected (R) in these data packs.

We have attached lists of data validation acronyms and data qualifiers to assist you in the interpretation of the reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Jacques Whitford Company, Inc.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA:dca
attachments

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February 15, 2007

Mr. Donald Moore, P.G.
Jacques Whitford Company, Inc.
27 Congress St.
P.O. Box 4696
Portsmouth, NH 03801

Re: Data Validation Report
Maspeth Substation
Re-issue of DUSRs and QA/QC Reviews

Dear Mr. Moore:

The data usability summary reports and data validation summaries you request to be re-issued are attached to this letter for the above referenced project. The data for the following Environmental Testing Laboratories, Inc., ETL custody numbers were acceptable, with some issues that are identified in the validation summaries.

0511140	0511210	0511278	0511411	0511437
0511510	0511532	0511568	0512032	0512096

There were volatile results that were rejected (R) in packs 0511140, 0511210, and 0511278. As explained in the DUSR, the volatile result that was flagged "R" were associated with initial and continuing calibrations that were method compliant, and the laboratory instruments responded to the compounds with "relative response factors" that were greater than 0.010. The volatile data are qualified as "R" based solely on the data validation criteria. The data may be determined to be acceptable to the user based on the instrument response(s), the compliant calibrations, and/or other project-specific information that is not available to the data validator.

We have attached lists of data validation acronyms and data qualifiers to assist you in the interpretation of the reviews. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist Jacques Whitford Company, Inc.

Sincerely,
Alpha Geoscience

Donald Anné

Donald Anné
Senior Chemist

DCA:dca
attachments

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Appendix G

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, August 10, 2006

Richard Silva
Coastal Environmental Group, Inc.
P.O. Box 170
Islip, NY 11751

TEL: (631) 206-2600
FAX (631) 206-1501

RE: West Nyack Quarry & Asphalt

Order No.: 0608055

Dear Richard Silva:

American Analytical Laboratories, LLC. received 4 sample(s) on 8/4/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT: Coastal Environmental Group, Inc.
Project: West Nyack Quarry & Asphalt
Lab Order: 0608055

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0608055-01A	East	10876	8/4/2006 10:10:00 AM	8/4/2006
0608055-02A	West	10876	8/4/2006 10:20:00 AM	8/4/2006
0608055-03A	North	10876	8/4/2006 10:30:00 AM	8/4/2006
0608055-04A	South	10876	8/4/2006 10:45:00 AM	8/4/2006

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 10876

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
Coastal Environmental Group INC
P.O. Box 170 Islip N.Y. 11751

CONTACT: Rick

SAMPLER (SIGNATURE)

SAMPLER NAME (PRINT)
Jose Garcia

SAMPLE(S) SEALED (YES / NO)

CORRECT CONTAINER(S) (YES / NO)

PROJECT LOCATION: West Nyack Quarry & Asphalt
Surge Fines Shoulder Stone

ANALYSIS REQUIRED: TAGM 4046

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
B-1	S	2	8/4 1010	East	0608055-1A
B-2	S	2	8/4 1020	West	2A
B-3	S	2	8/4 1030	North	3A
B-4	S	2	8/4 1045	South	4A

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COOLER TEMPERATURE:

COMMENTS / INSTRUCTIONS
8/4/06

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
		Jose Garcia		8/4/06 1252	J. Antonio
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds.(TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	East
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:10:00 AM
Lab ID:	0608055-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **WN**
Mercury	0.0255	0.0102		mg/Kg-dry	1	8/8/2006 3:08:48 PM
HERBICIDES SW-846 8151		**SW8151A**		**SW8151**		Analyst: **MD**
2,4,5-T	U	53		µg/Kg-dry	1	8/9/2006 6:02:00 PM
2,4,5-TP (Silvex)	U	53		µg/Kg-dry	1	8/9/2006 6:02:00 PM
2,4-D	U	53		µg/Kg-dry	1	8/9/2006 6:02:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **NP**
Aroclor 1242	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
Aroclor 1254	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
Aroclor 1221	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
Aroclor 1232	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
Aroclor 1248	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
Aroclor 1260	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
Aroclor 1016	U	85		µg/Kg-dry	1	8/7/2006 11:49:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **NP**
4,4'-DDD	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
4,4'-DDE	23	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
4,4'-DDT	27	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Aldrin	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
alpha-BHC	15	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
beta-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Chlordane	U	16		µg/Kg-dry	1	8/9/2006 11:47:00 AM
delta-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Dieldrin	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Endosulfan I	24	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Endosulfan II	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Endrin	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Endrin ketone	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
gamma-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Heptachlor	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
Methoxychlor	U	5.3		µg/Kg-dry	1	8/9/2006 11:47:00 AM
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	5.76	0		wt%	1	8/8/2006
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	12600	4.16		mg/Kg-dry	10	8/8/2006 11:24:11 AM
Antimony	U	0.520		mg/Kg-dry	1	8/8/2006 9:27:03 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	East
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:10:00 AM
Lab ID:	0608055-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Arsenic	2.66	0.520		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Barium	52.3	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Beryllium	U	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Cadmium	0.381	0.208		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Calcium	17200	5.20		mg/Kg-dry	10	8/8/2006 11:24:11 AM
Chromium	5.43	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Cobalt	U	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Copper	110	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Iron	26900	4.16		mg/Kg-dry	10	8/8/2006 11:24:11 AM
Lead	23.9	0.312		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Magnesium	11100	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Manganese	322	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Nickel	15.1	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Potassium	2000	2.08		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Selenium	0.523	0.520		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Silver	U	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Sodium	1130	1.25		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Thallium	U	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Vanadium	82.5	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
Zinc	56.5	0.416		mg/Kg-dry	1	8/8/2006 9:27:03 AM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
4-Nitrophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Aniline	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	East
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:10:00 AM
Lab ID:	0608055-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Anthracene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Chrysene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Fluorene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Isophorone	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Naphthalene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Pentachlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Phenol	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
Pyrene	U	130		µg/Kg-dry	1	8/8/2006 12:15:00 PM
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1-Trichloroethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,1,2,2-Tetrachloroethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,1-Dichloroethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,1-Dichloroethene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,2,3-Trichloropropane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,2,4-Trichlorobenzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,2-Dichlorobenzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,2-Dichloroethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,3-Dichlorobenzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,3-dichloropropane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
1,4-Dichlorobenzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	East
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:10:00 AM
Lab ID:	0608055-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
2-Butanone	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
4-Methyl-2-pentanone	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Acetone	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Benzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Carbon disulfide	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Carbon tetrachloride	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Chlorobenzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Chloroethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Chloroform	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Dibromochloromethane	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Ethylbenzene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Methylene chloride	16	5.2	B	µg/Kg-dry	1	8/7/2006 2:13:00 PM
Tetrachloroethene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Toluene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
trans-1,2-Dichloroethene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Trichloroethene	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Vinyl chloride	U	5.2		µg/Kg-dry	1	8/7/2006 2:13:00 PM
Xylenes, Total	U	16		µg/Kg-dry	1	8/7/2006 2:13:00 PM
CYANIDE, TOTAL		**SW9012A**		**SW9012A**		Analyst: **VP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.106		mg/Kg-dry	1	8/8/2006

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	West
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:20:00 AM
Lab ID:	0608055-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **WN**
Mercury	0.00947	0.00996	J	mg/Kg-dry	1	8/8/2006 3:10:57 PM
HERBICIDES SW-846 8151		**SW8151A**		**SW8151**		Analyst: **MD**
2,4,5-T	U	53		µg/Kg-dry	1	8/9/2006 8:11:00 PM
2,4,5-TP (Silvex)	U	53		µg/Kg-dry	1	8/9/2006 8:11:00 PM
2,4-D	U	53		µg/Kg-dry	1	8/9/2006 8:11:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **NP**
Aroclor 1242	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
Aroclor 1254	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
Aroclor 1221	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
Aroclor 1232	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
Aroclor 1248	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
Aroclor 1260	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
Aroclor 1016	U	85		µg/Kg-dry	1	8/8/2006 12:05:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **NP**
4,4'-DDD	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
4,4'-DDE	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
4,4'-DDT	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Aldrin	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
alpha-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
beta-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Chlordane	U	16		µg/Kg-dry	1	8/9/2006 12:05:00 PM
delta-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Dieldrin	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Endosulfan I	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Endosulfan II	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Endrin	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Endrin ketone	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
gamma-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Heptachlor	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
Methoxychlor	U	5.3		µg/Kg-dry	1	8/9/2006 12:05:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	6.21	0		wt%	1	8/8/2006
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	11800	4.18		mg/Kg-dry	10	8/8/2006 11:26:08 AM
Antimony	U	0.523		mg/Kg-dry	1	8/8/2006 9:29:32 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	West
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:20:00 AM
Lab ID:	0608055-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Arsenic	1.84	0.523		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Barium	35.8	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Beryllium	U	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Cadmium	0.483	0.209		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Calcium	12800	5.23		mg/Kg-dry	10	8/8/2006 11:26:08 AM
Chromium	5.77	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Cobalt	U	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Copper	110	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Iron	24800	4.18		mg/Kg-dry	10	8/8/2006 11:26:08 AM
Lead	13.3	0.314		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Magnesium	10700	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Manganese	288	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Nickel	13.8	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Potassium	1920	2.09		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Selenium	U	0.523		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Silver	0.633	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Sodium	1100	1.25		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Thallium	U	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Vanadium	78.0	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
Zinc	55.2	0.418		mg/Kg-dry	1	8/8/2006 9:29:32 AM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
4-Nitrophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Aniline	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- U Indicates the compound was analyzed for but not detecte
- X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	West
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:20:00 AM
Lab ID:	0608055-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Anthracene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Chrysene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Fluorene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Isophorone	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Naphthalene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Pentachlorophenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Phenol	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
Pyrene	U	130		µg/Kg-dry	1	8/8/2006 12:41:00 PM
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1-Trichloroethane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,1,2,2-Tetrachloroethane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,1-Dichloroethane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,1-Dichloroethene	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,2,3-Trichloropropane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,2,4-Trichlorobenzene	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,2-Dichlorobenzene	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,2-Dichloroethane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,3-Dichlorobenzene	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,3-dichloropropane	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM
1,4-Dichlorobenzene	U	5.5		µg/Kg-dry	1	8/7/2006 2:49:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	North
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:30:00 AM
Lab ID:	0608055-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **WN**
Mercury	0.00873	0.0103	J	mg/Kg-dry	1	8/8/2006 3:13:05 PM
HERBICIDES SW-846 8151		**SW8151A**		**SW8151**		Analyst: **MD**
2,4,5-T	U	53		µg/Kg-dry	1	8/9/2006 8:53:00 PM
2,4,5-TP (Silvex)	U	53		µg/Kg-dry	1	8/9/2006 8:53:00 PM
2,4-D	U	53		µg/Kg-dry	1	8/9/2006 8:53:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **NP**
Aroclor 1242	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
Aroclor 1254	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
Aroclor 1221	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
Aroclor 1232	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
Aroclor 1248	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
Aroclor 1260	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
Aroclor 1016	U	85		µg/Kg-dry	1	8/8/2006 12:22:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **NP**
4,4'-DDD	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
4,4'-DDE	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
4,4'-DDT	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Aldrin	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
alpha-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
beta-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Chlordane	U	16		µg/Kg-dry	1	8/9/2006 12:54:00 PM
delta-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Dieldrin	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Endosulfan I	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Endosulfan II	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Endrin	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Endrin ketone	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
gamma-BHC	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Heptachlor	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
Methoxychlor	U	5.3		µg/Kg-dry	1	8/9/2006 12:54:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	5.44	0		wt%	1	8/8/2006
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	12500	4.16		mg/Kg-dry	10	8/8/2006 11:28:27 AM
Antimony	U	0.520		mg/Kg-dry	1	8/8/2006 9:31:58 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	North
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:30:00 AM
Lab ID:	0608055-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Arsenic	2.18	0.520		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Barium	42.2	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Beryllium	U	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Cadmium	0.394	0.208		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Calcium	14300	5.20		mg/Kg-dry	10	8/8/2006 11:28:27 AM
Chromium	5.85	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Cobalt	U	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Copper	120	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Iron	26500	4.16		mg/Kg-dry	10	8/8/2006 11:28:27 AM
Lead	12.0	0.312		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Magnesium	10600	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Manganese	303	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Nickel	14.4	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Potassium	2270	2.08		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Selenium	U	0.520		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Silver	U	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Sodium	1150	1.25		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Thallium	0.340	0.416	J	mg/Kg-dry	1	8/8/2006 9:31:58 AM
Vanadium	92.9	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
Zinc	63.4	0.416		mg/Kg-dry	1	8/8/2006 9:31:58 AM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
4-Nitrophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Aniline	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	North
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:30:00 AM
Lab ID:	0608055-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Anthracene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Chrysene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Fluorene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Isophorone	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Naphthalene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Pentachlorophenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Phenol	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
Pyrene	U	130		µg/Kg-dry	1	8/8/2006 1:07:00 PM
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1-Trichloroethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,1,2,2-Tetrachloroethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,1-Dichloroethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,1-Dichloroethene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,2,3-Trichloropropane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,2,4-Trichlorobenzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,2-Dichlorobenzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,2-Dichloroethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,3-Dichlorobenzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,3-dichloropropane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
1,4-Dichlorobenzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	North
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:30:00 AM
Lab ID:	0608055-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
2-Butanone	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
4-Methyl-2-pentanone	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Acetone	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Benzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Carbon disulfide	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Carbon tetrachloride	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Chlorobenzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Chloroethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Chloroform	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Dibromochloromethane	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Ethylbenzene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Methylene chloride	14	5.1	B	µg/Kg-dry	1	8/7/2006 3:26:00 PM
Tetrachloroethene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Toluene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
trans-1,2-Dichloroethene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Trichloroethene	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Vinyl chloride	U	5.1		µg/Kg-dry	1	8/7/2006 3:26:00 PM
Xylenes, Total	U	15		µg/Kg-dry	1	8/7/2006 3:26:00 PM
CYANIDE, TOTAL		**SW9012A**		**SW9012A**		Analyst: **VP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.106		mg/Kg-dry	1	8/8/2006

Qualifiers:					
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	South
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:45:00 AM
Lab ID:	0608055-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **WN**
Mercury	0.00863	0.0102	J	mg/Kg-dry	1	8/8/2006 3:15:13 PM
HERBICIDES SW-846 8151		**SW8151A**		**SW8151**		Analyst: **MD**
2,4,5-T	U	52		µg/Kg-dry	1	8/9/2006 9:36:00 PM
2,4,5-TP (Silvex)	U	52		µg/Kg-dry	1	8/9/2006 9:36:00 PM
2,4-D	U	52		µg/Kg-dry	1	8/9/2006 9:36:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **NP**
Aroclor 1242	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
Aroclor 1254	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
Aroclor 1221	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
Aroclor 1232	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
Aroclor 1248	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
Aroclor 1260	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
Aroclor 1016	U	84		µg/Kg-dry	1	8/8/2006 12:38:00 AM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **NP**
4,4'-DDD	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
4,4'-DDE	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
4,4'-DDT	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Aldrin	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
alpha-BHC	13	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
beta-BHC	46	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Chlordane	U	16		µg/Kg-dry	1	8/9/2006 1:12:00 PM
delta-BHC	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Dieldrin	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Endosulfan I	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Endosulfan II	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Endosulfan sulfate	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Endrin	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Endrin ketone	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
gamma-BHC	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Heptachlor	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Heptachlor epoxide	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
Methoxychlor	U	5.2		µg/Kg-dry	1	8/9/2006 1:12:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **PA**
Percent Moisture	4.35	0		wt%	1	8/8/2006
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	11300	4.08		mg/Kg-dry	10	8/8/2006 11:30:42 AM
Antimony	U	0.510		mg/Kg-dry	1	8/8/2006 9:34:45 AM

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American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	South
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:45:00 AM
Lab ID:	0608055-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Anthracene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Chrysene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Fluorene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Isophorone	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Naphthalene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Pentachlorophenol	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Phenol	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
Pyrene	U	130		µg/Kg-dry	1	8/8/2006 1:34:00 PM
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1-Trichloroethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,1,2,2-Tetrachloroethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,1-Dichloroethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,1-Dichloroethene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,2,3-Trichloropropane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,2,4-Trichlorobenzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,2-Dichlorobenzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,2-Dichloroethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,3-Dichlorobenzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,3-dichloropropane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
1,4-Dichlorobenzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM

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American Analytical Laboratories, LLC.

Date: *10-Aug-06*

CLIENT:	Coastal Environmental Group, Inc.	**Client Sample ID:**	South
Lab Order:	0608055	**Tag Number:**	10876
Project:	West Nyack Quarry & Asphalt	**Collection Date:**	8/4/2006 10:45:00 AM
Lab ID:	0608055-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
2-Butanone	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
4-Methyl-2-pentanone	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Acetone	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Benzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Carbon disulfide	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Carbon tetrachloride	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Chlorobenzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Chloroethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Chloroform	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Dibromochloromethane	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Ethylbenzene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Methylene chloride	21	5.9	B	µg/Kg-dry	1	8/7/2006 4:03:00 PM
Tetrachloroethene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Toluene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
trans-1,2-Dichloroethene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Trichloroethene	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Vinyl chloride	U	5.9		µg/Kg-dry	1	8/7/2006 4:03:00 PM
Xylenes, Total	U	18		µg/Kg-dry	1	8/7/2006 4:03:00 PM
CYANIDE, TOTAL		**SW9012A**		**SW9012A**		Analyst: **VP**
Cyanide, Total & Amenable: Auto Colorimetric	0.115	0.105		mg/Kg-dry	1	8/8/2006

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	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
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CON ED MASPETH ITEM 4 SUMMARY

DATE	TICKET #	TONNAGE	SUBTOTAL
10/23/2006	20955230	24.93	24.93
10/25/2006	20955806	23.17	48.1
10/25/2006	20955879	23.75	71.85
10/25/2006	20955969	24.1	95.95
10/25/2006	20956036	23.68	119.63
10/30/2006	20956709	26.51	146.14
10/30/2006	20956710	26.6	172.74
10/30/2006	20956728	26.7	199.44
10/30/2006	20956804	24.85	224.29
11/2/2006	20957627	25.66	249.95
11/2/2006	20957628	25.39	275.34
11/2/2006	20957756	25.56	300.9
11/2/2006	20957758	25.8	326.7
11/3/2006	20957845	26.94	353.64
11/3/2006	20957843	26.42	380.06
11/3/2006	20957898	25.93	405.99
11/3/2006	20957921	25	430.99
11/3/2006	20957945	26.75	457.74
11/3/2006	20957950	27.3	485.04
11/3/2006	20957990	25.08	510.12
11/3/2006	20958023	28.19	538.31
11/3/2006	20958037	26.56	564.87
11/3/2006	20958035	27.44	592.31
11/6/2006	20958325	24.77	617.08
11/6/2006	20958331	25.06	642.14
11/6/2006	20958332	25.33	667.47
11/6/2006	20958390	25.03	692.5
11/6/2006	20958388	26.99	719.49
11/6/2006	20958392	25.73	745.22
11/6/2006	20958481	26.37	771.59
11/6/2006	20958492	26.37	797.96
11/6/2006	20958493	26.64	824.6
11/10/2006	20959362	25.86	850.46
11/10/2006	20959363	25.01	875.47
11/10/2006	20959364	26.86	902.33
11/10/2006	20959373	24.93	927.26
11/10/2006	20959374	27.01	954.27
11/20/2006	20961223	27.67	981.94
11/27/2006	20962521	26.94	1008.88
11/27/2006	20962526	28.06	1036.94
11/27/2006	20962548	24.63	1061.57
11/27/2006	20962483	20.73	1082.3
11/28/2006	20962651	27.21	1109.51
11/28/2006	20962653	26.96	1136.47
11/28/2006	20962656	26.91	1163.38
11/28/2006	20962675	27.1	1190.48
11/29/2006	20962999	26.12	1216.6
11/29/2006	20963001	26.08	1242.68