

**Data Summary Letter Report
July 2009 Concrete Pad/Surface Soil Sampling
Site 10B – Engine Test House
Naval Weapons Industrial Reserve Plant (NWIRP)
Calverton, New York**

Introduction

This data summary letter report was prepared by Tetra Tech NUS Inc. (Tetra Tech) for the Naval Facilities Engineering Command Mid-Atlantic under Contract Task Order (CTO) WE08 of the Comprehensive Long-Term Environmental Action Navy (CLEAN) contract number N62470-08-D-1001. This report describes July 7, 2009 field activities and presents results from concrete chip and surface soil samples collected from a concrete pad that formerly contained a transformer at Site 10B – Engine Test House at the Naval Weapons Industrial Reserve Plant (NWIRP) located in Calverton, New York (Figures 1 and 2). The former transformer concrete pad is 165 square feet (11 feet x 15 feet). Potential environmental concerns with this pad were first identified in Spring 2009. While conducting an inspection of the Site 10B soil remediation, a tag was observed on an adjacent fence that indicated the presence of a PCB transformer. Documentation cited that the transformer was removed in the late 1990s as part of Northrop Grumman vacating the property.

Purpose

The purpose of this investigation is to determine whether transformer fluids containing PCBs were spilled onto the transfer pad and into the surrounding soils.

Field Sampling

A field sampling event was conducted on July 7, 2009. Field observations during this field event did not indicate any evidence of staining of the concrete pad. The pad was observed to be in good condition with no visible cracks. No distressed vegetation or stained soils were noticed in the area surrounding the pad. The pad is surrounded on three sides (northeast, northwest, and southwest) by lightly vegetated sandy soil.

The southeastern edge of the concrete pad was originally connected to a much larger concrete apron surrounding the Engine Test House. In early 2009, the Engine Test House, most of the surround apron, and soil near the Engine Test House to a maximum depth of 8 feet were removed. The excavation sidewalls were sloped at an approximate 3 to 1 ratio and the top-of-

bank northwestern edge of the soil excavation bordered on the former transformer pad, see Figure 3. The excavation was then backfilled with clean soil and vegetated. As a result, surface soils in this area represent backfill material and were not sampled in July 2009.

During the sampling event, two concrete chip and four surface soil samples were collected and analyzed for PCBs, see Figure 3. A composite sample of concrete chips was collected from each half of the concrete pad. Each composite sample was comprised of concrete chips collected from seven sample points within each half of the pad. Concrete chips were collected from 0 to 0.5 inches below the pad surface using a masonry chisel. Four discrete surface soil samples were collected from 0 to 6 inches below ground surface (bgs) from locations around the concrete pad. Each soil sample was collected approximately one foot away from the edge of the concrete pad using disposable plastic scoops. Samples were shipped via overnight courier (Federal Express) to Mitkem Laboratories in Warwick, Rhode Island. Sample log sheets documenting the collection of samples are included as Attachment 1.

Results

PCBs (Aroclor-1260) were detected in each of samples collected during this investigation. Concentrations detected in the concrete chip samples CA-S10B-CH01 and CA-S10B-CH02 were 81 and 200 micrograms per kilograms ($\mu\text{g}/\text{kg}$), respectively. Concentrations of PCBs in surface soils ranged from 990 $\mu\text{g}/\text{kg}$ (CA-S10B-SS101) to 11,100 $\mu\text{g}/\text{kg}$ (CA-S10B-SS104), respectively, see Table 1 and Figure 3. Laboratory analytical reports are included as Attachment 2.

Conclusions

- Based on the sample results, PCBs are present in 3 of the 4 soil samples at concentrations greater than 1,000 $\mu\text{g}/\text{kg}$, with a maximum concentration of 11,100 $\mu\text{g}/\text{kg}$. These results indicate that a release of PCB containing fluids occurred at this pad and PCBs migrated into the surrounding soil. NYSDEC's soil clean up objective for PCBs in soil in a restricted residential or commercial use is 1,000 $\mu\text{g}/\text{kg}$.
- The extent of PCBs in soil is not defined and additional delineation is required to determine the horizontal and vertical extent of PCB-contaminated soils.

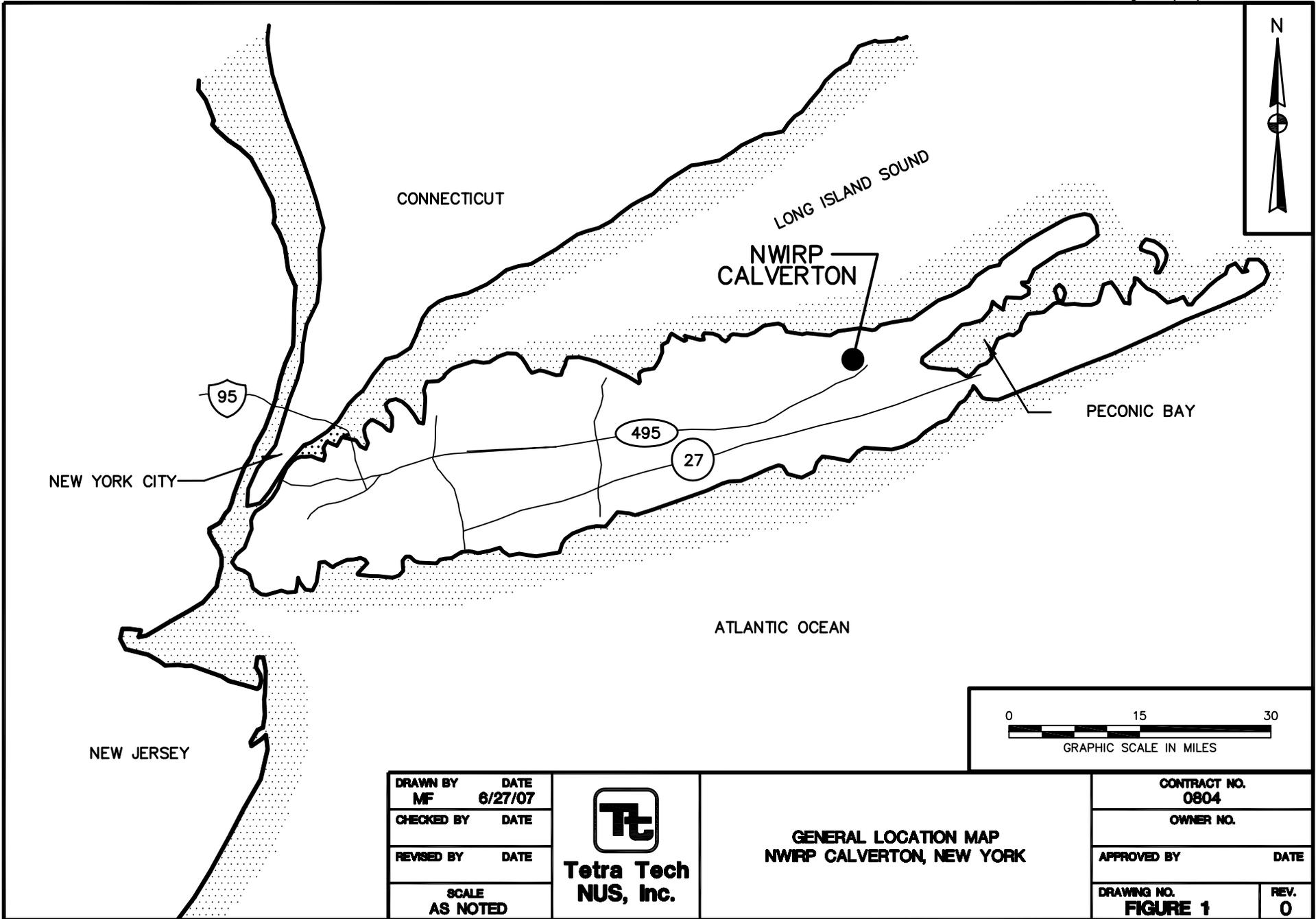
TABLE

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SITE 10B - CONCRETE SLAB AREA JULY 2009 SAMPLING EVENT
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP)
CALVERTON, NEW YORK
Page (1 of 1)

Sample ID	Sample Date	Sample Type	Media Type	Compound Detected	Result (µg/kg)
CA-S10B-CH01	07/07/09	composite	concrete chip	Aroclor-1260	81
CA-S10B-CH02	07/07/09	composite	concrete chip	Aroclor-1260	200
CA-S10B-SS101	07/07/09	discrete	surface soil	Aroclor-1260	990
CA-S10B-SS102	07/07/09	discrete	surface soil	Aroclor-1260	1,700
CA-S10B-SS103	07/07/09	discrete	surface soil	Aroclor-1260	7,900
CA-S10B-SS104	07/07/09	discrete	surface soil	Aroclor-1260	11,000

concrete chip collected 0 to 0.5 inches below surface.
surface soil collected 0 to 6 inches below surface.
µg/kg - micrograms per kilogram

FIGURES



DRAWN BY MF	DATE 6/27/07
CHECKED BY	DATE
REVISED BY	DATE
SCALE AS NOTED	



**Tetra Tech
NUS, Inc.**

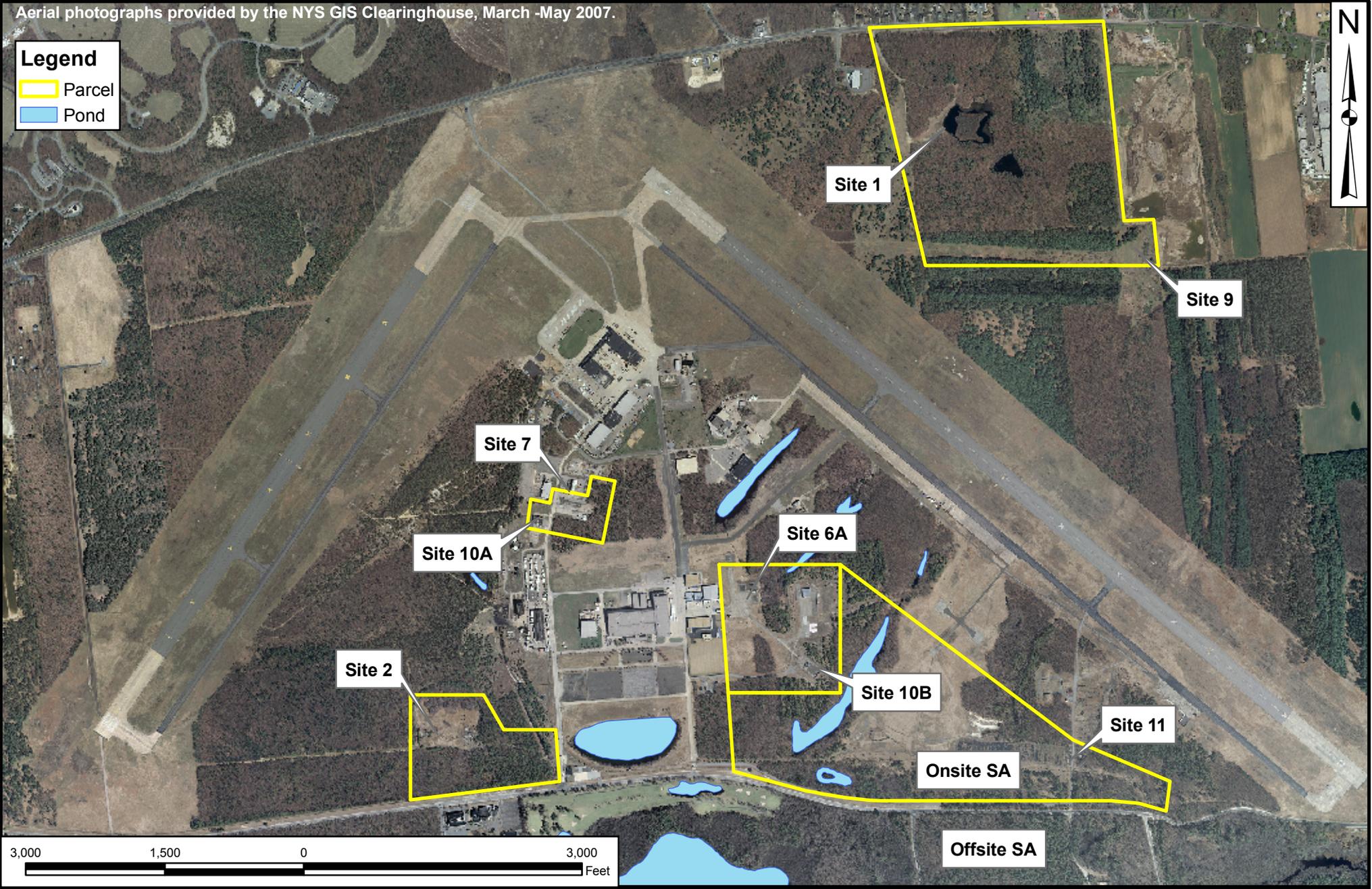
**GENERAL LOCATION MAP
NWIRP CALVERTON, NEW YORK**

CONTRACT NO. 0804	
OWNER NO.	
APPROVED BY	DATE
DRAWING NO. FIGURE 1	REV. 0

Aerial photographs provided by the NYS GIS Clearinghouse, March -May 2007.

Legend

- Parcel
- Pond

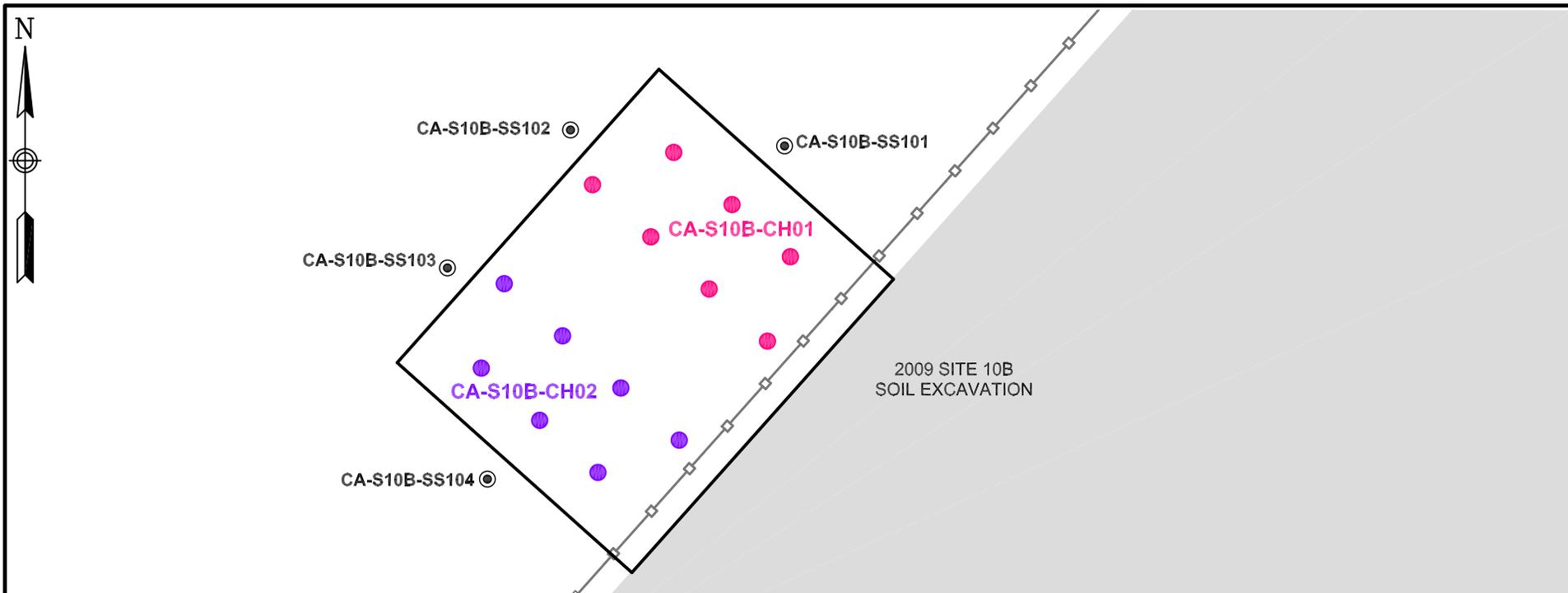


DRAWN BY M. CUSHING	DATE 9/22/09
CHECKED BY	DATE
REVISED BY	DATE
SCALE AS NOTED	



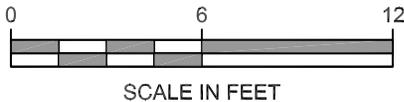
SITE LOCATION MAP
NWIRP Calverton, New York

CONTRACT NUMBER 112G02045	
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. 2	REV 0



LEGEND

- FORMER FENCE LINE
- ⊙ SURFACE SOIL SAMPLE LOCATION
- COMPOSITE SAMPLE POINT FOR CHIP SAMPLE CA-S10B-CH01
- COMPOSITE SAMPLE POINT FOR CHIP SAMPLE CA-S10B-CH02
- μg/kg MICROGRAMS PER KILOGRAM



Sample ID	Sample Date	Sample Type	Media Type	Sample Depth Interval (inches below media surface)	Compound	Result	Units
CA-S10B-CH01	07/07/09	composite	concrete chip	0 - 0.5" below slab surface	Aroclor-1260	81	μg/kg
CA-S10B-CH02	07/07/09	composite	concrete chip	0 - 0.5" below slab surface	Aroclor-1260	200	μg/kg
CA-S10B-SS101	07/07/09	discrete	surface soil	0 - 6" below ground surface	Aroclor-1260	990	μg/kg
CA-S10B-SS102	07/07/09	discrete	surface soil	0 - 6" below ground surface	Aroclor-1260	1,700	μg/kg
CA-S10B-SS103	07/07/09	discrete	surface soil	0 - 6" below ground surface	Aroclor-1260	7,900	μg/kg
CA-S10B-SS104	07/07/09	discrete	surface soil	0 - 6" below ground surface	Aroclor-1260	11,000	μg/kg



CALVERTON SITE 10B
CONCRETE SLAB AREA JULY 2009 RESULTS
NWIRP CALVERTON
CALVERTON, NEW YORK

SCALE AS NOTED	
FILE 112G02045GM03	
REV 0	DATE 09/24/09
FIGURE NUMBER FIGURE 3	

ATTACHMENT 1
SAMPLE LOG SHEETS



Project Site Name: NWIRP CAWERTON Site 10B Sample ID No.: CA-910B-SS101
 Project No.: 112602045 Sample Location: Site 10B
 Sampled By: E. W. D. Brayack
 C.O.C. No.: _____
 Surface Soil
 Subsurface Soil
 Sediment
 Other: _____
 QA Sample Type: _____
 Type of Sample:
 Low Concentration
 High Concentration

GRAB SAMPLE DATA:			
Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
7/7/09	0"-6"		
Time: 1330			
Method: <u>plastic scoop</u>			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA:				
Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:			
Analysis	Container Requirements	Collected	Other
<u>PCBS</u>	<u>4oz. Glass</u>	<input checked="" type="checkbox"/>	

OBSERVATIONS / NOTES:	MAP:

Circle if Applicable:		Signature(s):
MS/MSD <input type="checkbox"/>	Duplicate ID No.: <input type="checkbox"/>	



Project Site Name: NWIRP Culvert Site 10B
Project No.: 112602045

Sample ID No.: CA-S10B-SS102
Sample Location: Site 10B
Sampled By: E. Wu/D. Prayack
C.O.C. No.: _____

- Surface Soil
- Subsurface Soil
- Sediment
- Other: _____
- QA Sample Type: _____

- Type of Sample:
- Low Concentration
 - High Concentration

GRAVE SAMPLE DATA:

Date: <u>7/7/09</u>	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: <u>1335</u>	<u>0" - 6"</u>		
Method: <u>plastic Scoop</u>			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
<u>PCBs</u>	<u>4 oz Glass</u>	<input checked="" type="checkbox"/>	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD: Duplicate ID No.:

Signature(s):



Project Site Name: NWIRP Calverton Site 10B
Project No.: 112G02045

Sample ID No.: CA-S10B-35103
Sample Location: Site 10B
Sampled By: D. Brayack / E. Wu
C.O.C. No.: _____

- Surface Soil
- Subsurface Soil
- Sediment
- Other: _____
- QA Sample Type: _____

- Type of Sample:
- Low Concentration
 - High Concentration

GRAB SAMPLE DATA:

Date: <u>7/7/09</u>	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: <u>1340</u>	<u>0" - 6"</u>		
Method: <u>plastic trowel</u>			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
<u>PCBs</u>	<u>4oz. Glass</u>	<u>✓</u>	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD _____ Duplicate ID No.: _____

Signature(s):



Project Site Name: NWIRP B Calverton Site 10B
Project No.: 12G02045

Sample ID No.: CA-S10B-SS104
Sample Location: Site 10B
Sampled By: D Brayack/E. Wu
C.O.C. No.: _____

- Surface Soil
- Subsurface Soil
- Sediment
- Other: _____
- QA Sample Type: _____

- Type of Sample:
- Low Concentration
 - High Concentration

GRAB SAMPLE DATA:

Date: <u>7/7/09</u>	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time: <u>1335</u>	<u>0"-6"</u>		
Method: <u>plastic scoop</u>			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Method:				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other
<u>PMBs</u>	<u>4oz. glass</u>	<input checked="" type="checkbox"/>	

OBSERVATIONS / NOTES:

MAP:

Circle if Applicable:

MS/MSD Duplicate ID No.: CA-S10B-SS DUP104

Signature(s): 



Project Site Name: NWIRP CALVERTON Site 10B
Project No.: 112602045

Sample ID No.: CA-S10B-CH01
Sample Location: Site 10B
Sampled By: D. Bryant / E. W.
C.O.C. No.: _____

- Surface Soil
- Subsurface Soil
- Sediment
- Other: Concrete chip
- QA Sample Type: _____

Type of Sample:
 Low Concentration
 High Concentration

GRAB SAMPLE DATA:

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method:			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA:

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
<u>7/7/09</u>	<u>1815</u>	<u>0" - 0.5"</u>	<u>wht/grey</u>	<u>concrete chip (from slab)</u>
Method: <u>masonry chisel</u>				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION:

Analysis	Container Requirements	Collected	Other

OBSERVATIONS / NOTES:

- Slab divided into half.
- 7 sample points in each half = composite sample

MAP:

see field book for sketch

Circle if Applicable:

MS/MSD Duplicate ID No.:

Signature(s): 



Project Site Name: NWTRP Calverton Site 10B Sample ID No.: CA-S10B-CH02
 Project No.: 112602045 Sample Location: Site 10B
 Sampled By: E. Wu / D. Brjack
 C.O.C. No.: _____
 Surface Soil
 Subsurface Soil
 Sediment
 Other: Concrete chip
 QA Sample Type: _____
 Type of Sample:
 Low Concentration
 High Concentration

GRAB SAMPLE DATA

Date:	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
Time:			
Method:			
Monitor Reading (ppm):			

COMPOSITE SAMPLE DATA

Date:	Time	Depth Interval	Color	Description (Sand, Silt, Clay, Moisture, etc.)
<u>7/7/09</u>	<u>1330</u>	<u>0"-0.5"</u>	<u>whit/grey</u>	
Method: <u>Masonry chip</u>				
Monitor Readings (Range in ppm):				

SAMPLE COLLECTION INFORMATION

Analysis	Container Requirements	Collected	Other

OBSERVATIONS / NOTES

-Slab divided in half
-Composite collected from 7 sample pts.
w/in each half of slab

see field book
for sketch

Circle if Applicable: MS/MSD — Duplicate ID No.: — Signature(s):

ATTACHMENT 2
ANALYTICAL RESULTS

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA-S10B-CH01

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-01A
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1H6976F.D/E1H6976R.D
 % Moisture: 1.0 Decanted: (Y/N) N Date Received: 07/09/2009
 Extraction: (Type) SONC Date Extracted: 07/15/2009
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/17/2009
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u>	
		(ug/L or ug/Kg)	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	81	

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA-S10B-CH02

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-02A
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1H6977F.D/E1H6977R.D
 % Moisture: 2.0 Decanted: (Y/N) N Date Received: 07/09/2009
 Extraction: (Type) SONC Date Extracted: 07/15/2009
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/17/2009
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		ug/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	34	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	34	U
11096-82-5	Aroclor-1260	200	

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA-S10B-SS101

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-03A
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1H7419F.D/E1H7419R.D
 % Moisture: 10 Decanted: (Y/N) N Date Received: 07/09/2009
 Extraction: (Type) SONC Date Extracted: 07/15/2009
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/31/2009
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG (ug/L or ug/Kg)	Q
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	990	

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA-S10B-SS102

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-04A
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1H7423F.D/E1H7423R.D
 % Moisture: 15 Decanted: (Y/N) N Date Received: 07/09/2009
 Extraction: (Type) SONC Date Extracted: 07/15/2009
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/31/2009
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 10.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		UG/KG	Q
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	1700	

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA-S10B-SS103

Lab Name: MITKEM LABORATORIES Contract: _____

Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-05A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E1H7427F.D/E1H7427R.D

% Moisture: 14 Decanted: (Y/N) N Date Received: 07/09/2009

Extraction: (Type) SONC Date Extracted: 07/15/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/31/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>UG/KG</u> (ug/L or ug/Kg)	<u>Q</u>
12674-11-2	Aroclor-1016	1100	U
11104-28-2	Aroclor-1221	1100	U
11141-16-5	Aroclor-1232	1100	U
53469-21-9	Aroclor-1242	1100	U
12672-29-6	Aroclor-1248	1100	U
11097-69-1	Aroclor-1254	1100	U
11096-82-5	Aroclor-1260	7900	

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA-S10B-SS104

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-06A
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1H6981F.D/E1H6981R.D
 % Moisture: 14 Decanted: (Y/N) N Date Received: 07/09/2009
 Extraction: (Type) SONC Date Extracted: 07/15/2009
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/17/2009
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	5800	E

1H - FORM I ARO
 AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
 CA-S10B-SS104DL

Lab Name: MITKEM LABORATORIES Contract: _____
 Lab Code: MITKEM Case No.: H1245 Mod. Ref No.: _____ SDG No.: SH1245
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: H1245-06ADL
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1H7415F.D/E1H7415R.D
 % Moisture: 14 Decanted: (Y/N) N Date Received: 07/09/2009
 Extraction: (Type) SONC Date Extracted: 07/15/2009
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/31/2009
 Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 50.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y
 Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: UG/KG	
		(ug/L or ug/Kg)	Q
12674-11-2	Aroclor-1016	1900	U
11104-28-2	Aroclor-1221	1900	U
11141-16-5	Aroclor-1232	1900	U
53469-21-9	Aroclor-1242	1900	U
12672-29-6	Aroclor-1248	1900	U
11097-69-1	Aroclor-1254	1900	U
11096-82-5	Aroclor-1260	11000	D