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TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-WO-0036

TO: Margaret Chong, OSC
Response and Prevention Branch
FROM: Jennifer Leahy, TAT PM
Thomas O'Neill, TAT QC
SUBJECT: Documentation of Transmittal
SITE: Tutu Well Site
TDD#: 02-9508-11
DATE: September 12, 1995

The purpose of this memo is to document the transmittal of the following:

___ Letter Report DCN# ___
___ OSC Report Draft/Final DCN# ___
___ Photographs
___ Analytical Data
___ POLREP
___ Safety Plan DCN# ___
___ Community Relations Plan DCN# ___
___ Sampling Plan DCN# ___
___ x Sampling Report DCN# 07571
___ Action Memorandum DCN# ___
___ SPCC Report
___ Site Maps
___ Other _____

CC: TAT PM
TDD File

Roy F. Weston, Inc.

MAJOR PROGRAMS DIVISION

In Association with Foster Wheeler Enviroresponse, Inc., Resource Applications, Inc., C.C. Johnson & Malhotra, P.C.,
R.E. Sarriera Associates, and GRB Environmental Services, Inc.

TUT 007 2297

FIELD DATA SHEET

ENVIRONMENTAL PROTECTION AGENCY - Region II, Edison, New Jersey
ENVIRONMENTAL SERVICES DIVISION

Project Name TUTU Well

Collector(s) J. Leahy

Affiliation TAT

SAMPLING METHOD (Circle)

Kemmerer Dredge Ponar Manual
Niskin Net Seine Trawl Bucket
Trowel Cream Dipper
Automatic
Other Disp. Trowel

LDMS CODE _____

DATA BASE CODE _____

STA. TYPE CODE _____

SUBSTRATE TYPE (Circle)

Aqueous Sediment Sludge Oil Biological
Solvent Extract Other (SOIL)

BOD — Seed Supplied ☐ Yes ☐ No Source: _____

Sample Preparation (Circle)

Container

Glass Jar

Plastic Jar

Metal

POA Vial

Cubitainer

Acetate Core

Paper Cap

Teflon Cap

Foil Cap

Other _____

Cleaning Procedure

Detergent Wash

Water Rinse

Acid Rinse

Solvent Rinse:

Acetone

Hexane

Methylene Chloride

Other (Specify): _____

Sample Source Type (Circle)

Landfill

Leachate

Drum

Test Well

Depth: _____

Other: _____

Storage Tank

Top

Middle

Bottom

Truck

Drum

Tank

Other _____

Wells

Monitoring

Production

Drinking

Private

Industrial

Effluent

Process Stream

Holding Pond

Drum

Waste Pile

Municipal Treatment

Influent

Effluent-CI

Effluent-Non CI

Sludge

Ambient

Lake

Stream

Pond

Ocean

Estuary

Preservation

Acid _____

Solvent _____

Chemical _____

Wet Ice

Dry Ice

Ambient

Other NONE

Sample Location Description:

South
COLLECTED 5 FT. from "Painting in
the Garden Bldg 4 3.5 feet east from
Planter wall

Remarks:

FOR PCB + VOC
analysis

Samples to:

Bact Bio Chem Other

Station No.

TUTU 1

Sample Depth (Ft.)/Fac. Loc. Code

0-3in

Lab Number

107142

Type of Sample

Grab Composite

X Time Space

Collection (Ending) Date

Yr Mo Day
08 30 95

Ending Time (24 Hr)

1103

Beginning Date

Yr Mo Day
08 30 95

Beginning Time (24 Hr)

NA

pH

NA

Sample Temp. (°C)

NA

DO (mg/l)

NA

Cond. (uMHOS/CM)

NA

Salinity(‰)

NA

Sample Split

☐ Yes ☒ No

If Yes With Whom?

Receipt ☐ Yes ☐ No

FIELD DATA SHEET

ENVIRONMENTAL PROTECTION AGENCY - Region II, Edison, New Jersey
ENVIRONMENTAL SERVICES DIVISION

Project Name TUTU well

Collector(s) Shady

Affiliation TAT

SAMPLING METHOD (Circle)

Kemmerer Dredge Ponar Manual
Niskin Net Seine Trawl Bucket
Trowel Cream Dipper
Automatic
Other deep hand

LDMS CODE _____

DATA BASE CODE _____

STA. TYPE CODE _____

SUBSTRATE TYPE (Circle)

Aqueous Sediment Sludge Oil Biological
Solvent Extract Other (soil)

BOD — Seed Supplied ☐ Yes ☐ No Source: _____

Sample Preparation (Circle)

Container
Glass Jar
Plastic Jar
Metal
POA Vial
Cubitainer
Acetate Core
Paper Cap
Teflon Cap
Foil Cap
Other _____

Cleaning Procedure

Detergent Wash
Water Rinse
Acid Rinse
Solvent Rinse:
Acetone
Hexane
Methylene Chloride
Other (Specify): _____

Sample Source Type (Circle)

Landfill
Leachate
Drum
Test Well
Depth: _____
Other: _____
Storage Tank
Top
Middle
Bottom
Truck
Drum
Tank
Other _____
Wells
Monitoring
Production
Drinking
Private
Industrial
Effluent
Process Stream
Holding Pond
Drum
Waste Pile
Municipal Treatment
Influent
Effluent-CI
Effluent-Non CI
Sludge
Ambient
Lake
Stream
Pond
Ocean
Estuary

Preservation

Acid _____
Solvent _____
Chemical _____
Wet Ice
Dry Ice
Ambient
Other NA

Sample Location Description:

COLLECTED 12 feet south from "Painting
in the Garden Bldg + 5 inches east from
Planter Wall

Remarks:

FOR RB +
VOC analysis

Samples to:

Bact Bio Chem Other

Station No.

TUTU 2

Sample Depth (Ft.)/Fac. Loc. Code

0-3 in

Lab Number

107143

Type of Sample

Grab Composite

X Time Space

Collection (Ending) Date

Yr Mo Day
08 30 95

Ending Time (24 Hr)

1030

Beginning Date

Yr Mo Day
08 30 95

Beginning Time (24 Hr)

pH

NA

Sample Temp. (°C)

DO (mg/l)

Cond. (uMHOS/CM)

Salinity(‰)

Sample Split

☐ Yes ☒ No

If Yes With Whom?

Receipt ☐ Yes ☐ No

FIELD DATA SHEET

ENVIRONMENTAL PROTECTION AGENCY - Region II, Edison, New Jersey
ENVIRONMENTAL SERVICES DIVISION

Project Name TRITE WELLS
Collector(s) Healy Affiliation FA

SAMPLING METHOD (Circle)

Kemmerer Dredge Ponar Manual
Niskin Net Seine Trawl Bucket
Trowel Cream Dipper
Automatic
Other chip trowel

LDMS CODE _____

DATA BASE CODE _____

STA. TYPE CODE _____

SUBSTRATE TYPE (Circle) Aqueous Sediment Sludge Oil Biological
Solvent Extract Other (Soil)

BOD — Seed Supplied ☐ Yes ☐ No

Source:

Sample Preparation (Circle)

Sample Source Type (Circle)

Container
Glass Jar
Plastic Jar
Metal
POA Vial
Cubitainer
Acetate Core
Paper Cap
Teflon Cap
Foil Cap
Other _____

Preservation
Acid _____
Solvent _____
Chemical _____
Wet Ice
Dry Ice
Ambient
Other N/A

Cleaning Procedure
Detergent Wash
Water Rinse
Acid Rinse
Solvent Rinse:
Acetone
Hexane
Methylene Chloride
Other (Specify):

Landfill
Leachate
Drum
Test Well
Depth:
Other:
Storage Tank
Top
Middle
Bottom
Truck
Drum
Tank
Other:
Wells
Monitoring
Production
Drinking
Private
Industrial
Effluent
Process Stream
Holding Pond
Drum
Waste Pile
Municipal Treatment
Influent
Effluent-CI
Effluent-Non CI
Sludge
Ambient
Lake
Stream
Pond
Ocean
Estuary

Sample Location Description:

DUP. Sample of tube 2

Remarks:

FOR PCB +
VOC analysis

Samples to:

Bact Bio Chem Other

Station No.

TUTU 3

Sample Depth (Ft.)/Fac. Loc. Code

0-3 in

Lab Number

107144

Type of Sample

Grab Composite

X Time Space

Collection (Ending) Date

08/30/95

Ending Time (24 Hr)

1045

Beginning Date

08/30/95

Beginning Time (24 Hr)

pH

7.5

Sample Temp. (°C)

17

DO (mg/l)

7.5

Cond. (uMHOS/CM)

150

Salinity(‰)

0

Sample Split

☐ Yes ☒ No

If Yes With Whom?

Receipt ☐ Yes ☐ No

FIELD DATA SHEET

ENVIRONMENTAL PROTECTION AGENCY - Region II, Edison, New Jersey

ENVIRONMENTAL SERVICES DIVISION

Project Name <u>TUTU WELLS</u>		Samples to:					
Collector(s) <u>J. J. O'Neil</u> Affiliation <u>TAT</u>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Bact</td> <td style="width:25%;">Bio</td> <td style="width:25%;">Chem</td> <td style="width:25%;">Other</td> </tr> </table>		Bact	Bio	Chem	Other
Bact	Bio	Chem	Other				
SAMPLING METHOD (Circle) Kemmerer Dredge Ponar Manual Niskin Net Seine Trawl Bucket Trowel Cream Dipper Automatic Other <u>Disp Scoop</u>		LDMS CODE _____ DATA BASE CODE _____ STA. TYPE CODE _____					
SUBSTRATE TYPE (Circle) Aqueous Sediment Sludge Oil Biological Solvent Extract Other (<u>Soil</u>)		Station No. <u>TUTU 4</u> Sample Depth (Ft.)/Fac. Loc. Code <u>0-3 in</u> Lab Number <u>107145</u>					
BOD — Seed Supplied ☐ Yes ☐ No Source: _____							
Sample Preparation (Circle)		Sample Source Type (Circle)					
Container <u>Glass Jar</u> Plastic Jar Metal POA Vial Cubitainer Acetate Core Paper Cap Teflon Cap Foil Cap Other _____ Preservation Acid _____ Solvent _____ Chemical _____ Wet Ice Dry Ice Ambient Other <u>None</u>	Cleaning Procedure Detergent Wash Water Rinse Acid Rinse Solvent Rinse: Acetone Hexane Methylene Chloride Other (Specify): _____	Landfill Leachate Drum Test Well Depth: _____ Other: _____ Storage Tank Top Middle Bottom Truck Drum Tank Other _____ Wells Monitoring Production Drinking Private	Industrial Effluent Process Stream Holding Pond Drum Waste Pile Municipal Treatment Influent Effluent-CI Effluent-Non CI Sludge Ambient Lake Stream Pond Ocean Estuary				
Sample Location Description:		pH <u>7.5</u> Sample Temp. (°C) <u>18.5</u> DO (mg/l) <u>7.5</u> Cond. (uMHOS/CM) <u>150</u> Salinity(‰) <u>0</u> Sample Split ☐ Yes ☒ No If Yes With Whom? _____ Receipt ☐ Yes ☐ No					
Remarks: <u>FOR PCB & VOC analysis</u>		<u>Depth from wall of the "Bush, Bath & Tea Shoppe" + 4.3 feet west from shop doorway.</u>					

FIELD DATA SHEET

ENVIRONMENTAL PROTECTION AGENCY - Region II, Edison, New Jersey
ENVIRONMENTAL SERVICES DIVISION

Project Name TUTU WELLS
Collector(s) J Lecky Affiliation TUT

SAMPLING METHOD (Circle)

Kemmerer Dredge Ponar Manual
Niskin Net Seine Trawl Bucket
Trowel Cream Dipper
Automatic
Other deep-trawl

LDMS CODE _____

DATA BASE CODE _____

STA. TYPE CODE _____

SUBSTRATE TYPE (Circle)

Aqueous Sediment Sludge Oil Biological
Solvent Extract Other (SOIL)

BOD — Seed Supplied ☐ Yes ☐ No Source: _____

Sample Preparation (Circle)

Container Cleaning Procedure
Glass Jar Detergent Wash
Plastic Jar Water Rinse
Metal Acid Rinse
POA Vial Solvent Rinse:
Cubitainer Acetone
Acetate Core Hexane
Paper Cap Methylene Chloride
Teflon Cap Other (Specify):
Foil Cap
Other _____

Sample Source Type (Circle)

Landfill Industrial
Leachate Effluent
Drum Process Stream
Test Well Holding Pond
Depth: Drum
Other: Waste Pile
Municipal Treatment
Storage Tank Influent
Top Effluent-Cl
Middle Effluent-Non Cl
Bottom Sludge
Truck Ambient
Drum Lake
Tank Stream
Other Pond
Ocean
Wells Estuary
Monitoring
Production
Drinking
Private

Preservation

Acid _____
Solvent _____
Chemical _____
Wet Ice
Dry Ice
Ambient
Other NONE

Sample Location Description:

5 inches east of TILLET art gallery
(near 31K Ocean Drive)

Remarks:

FOR PCB + VOA
ANALYSIS

Samples to:

Bact Bio Chem Other

Station No.

TUTU 5

Sample Depth (Ft.)/Fac. Loc. Code

0-3 in

Lab Number

107146

Type of Sample

Grab Composite
☒ Time ☐ Space

Collection (Ending) Date

Yr Mo Day
08 30 95

Ending Time (24 Hr)

11 25

Beginning Date

Yr Mo Day
08 30 95

Beginning Time (24 Hr)

pH

Sample Temp. (°C)

DO (mg/l)

Cond. (uMHOS/CM)

Salinity (‰)

Sample Split

☐ Yes ☒ No

If Yes With Whom?

Receipt ☐ Yes ☐ No

FIELD DATA SHEET

ENVIRONMENTAL PROTECTION AGENCY - Region II, Edison, New Jersey

ENVIRONMENTAL SERVICES DIVISION

Project Name Tutu Wells
Collector(s) Sherry Affiliation TUT

SAMPLING METHOD (Circle)

Kemmerer Dredge Ponar Manual
Niskin Net Seine Trawl Bucket
Trowel Cream Dipper
Automatic
Other desp trowel

LDMS CODE _____

DATA BASE CODE _____

STA. TYPE CODE _____

SUBSTRATE TYPE (Circle)

Aqueous Sediment Sludge Oil Biological
Solvent Extract Other (Soil)

BOD — Seed Supplied ☐ Yes ☐ No Source: _____

Sample Preparation (Circle)

Container
Glass Jar
Plastic Jar
Metal
POA Vial
Cubitainer
Acetate Core
Paper Cap
Teflon Cap
Foil Cap
Other _____
Preservation
Acid _____
Solvent _____
Chemical _____
Wet Ice
Dry Ice
Ambient
Other N/A

Cleaning Procedure

Detergent Wash
Water Rinse
Acid Rinse
Solvent Rinse:
Acetone
Hexane
Methylene Chloride
Other (Specify): _____

Sample Source Type (Circle)

Landfill Industrial
Leachate Effluent
Drum Process Stream
Test Well Holding Pond
Depth: Drum
Other: Waste Pile
Municipal Treatment
Storage Tank Influent
Top Effluent-CI
Middle Effluent-Non CI
Bottom Sludge
Truck Ambient
Drum Lake
Tank Stream
Other Pond
Wells Ocean
Monitoring Estuary
Production
Drinking
Private

Sample Location Description:

3 feet from southern wall
no drainage ditch

Remarks:

FOR PCB +
VOA ANALYSIS

Samples to:

Bact Bio Chem Other

Station No.

TUTU 6

Sample Depth (Ft.)/Fac. Loc. Code

0-3 in

Lab Number

107147

Type of Sample

Grab Composite

X Time Space

Collection (Ending) Date

Yr Mo Day
08 30 95

Ending Time (24 Hr)

1140

Beginning Date

Yr Mo Day

Beginning Time (24 Hr)

pH

Sample Temp. (°C)

DO (mg/l)

Cond. (uMHOS/CM)

Salinity(‰)

Sample Split

☐ Yes ☒ No

If Yes With Whom?

Receipt ☐ Yes ☐ No

SAMPLE DESCRIPTION
AUGUST 30, 1995
TABLE 1

SAMPLE ID	EPA LAB NO.	TIME COLLECTED	ANALYSIS	SAMPLE VOLUME	SAMPLE LOCATION
Tutu 1	107142	1015	VOA PCBs	Two 4 oz. Two 9 oz.	5 ft. south from "Painting in the Garden" and 3.5 ft. east from planter wall.
Tutu 2	107143	1030	VOA PCBs	Two 4 oz. Two 9 oz.	12 ft. south from "Painting in the Garden" and 5.3 ft. east from planter wall.
Tutu 3	107144	1045	VOA PCBs	Two 4 oz. Two 9 oz.	Duplicate of Tutu 2.
Tutu 4	107145	1100	VOA PCBs	Two 4 oz. Two 9 oz.	2 ft. south from the wall of "Bush, Bath & Tea Shoppe" and 4.3 ft. west from shoppe doorway.
Tutu 5	107146	1120	VOA PCBs	Two 4 oz. Two 9 oz.	5 in. east of "Tillet Art Gallery" (near silk screen drain).
Tutu 6	107147	1140	VOA PCBs	Two 4 oz. Two 9 oz.	3 ft. from southern wall in drainage ditch.

SAMPLING TRIP REPORT

Site Name: Tutu Well Site

Sample Collection Date: August 30, 1995

Sample Shipment Date: August 30, 1995

1. Site Location: St. Thomas, United States Virgin Islands

2. Sample Description: See Table 1, attached.

3. Laboratory Receiving Samples:

<u>Sample/Type</u>	<u>Name & Address of Laboratory</u>
Volatile Organics (VOA) and PCBs (Soil)	U.S. EPA Region II Raritan Depot, Bldg. 201 2890 Woodbridge Avenue Edison, New Jersey 08837

4. Sample Dispatch Data:

On August 30, 1995, at approximately 1330 hours, six low concentration soil samples were shipped to via Fedex on Airbill No. 86863431 for VOA and PCB analysis.

5. Sampling Personnel:

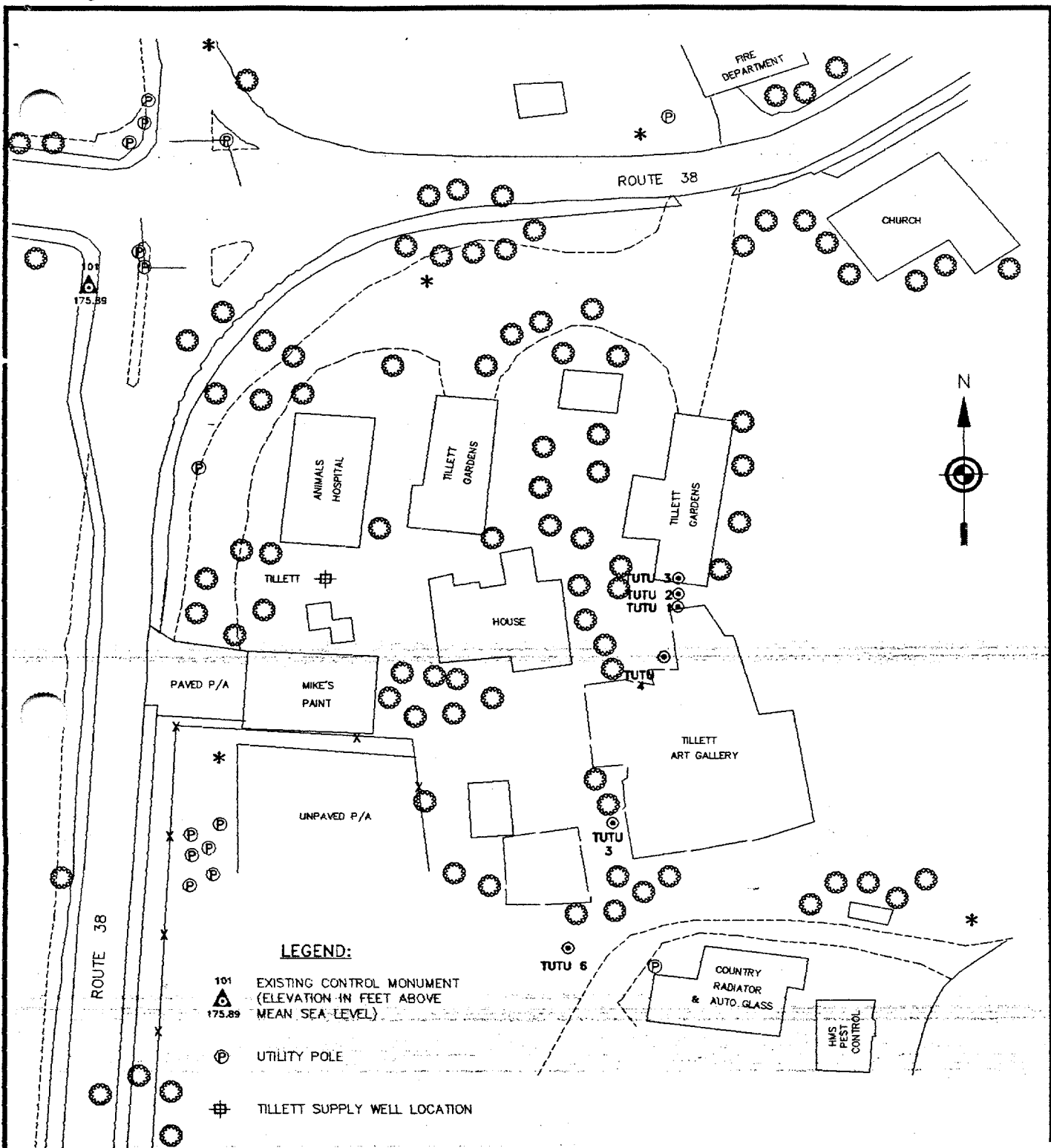
<u>Name</u>	<u>Organization</u>	<u>Duties On Site</u>
Jennifer Leahy	Region II TAT	Project Management Sample Collection
Margaret Chong	EPA Region II	Sample Management
Adrian Schottroff	DPNR St. Thomas	Sample Dispatch

6. Additional Comments:

All samples are grab samples and will be analyzed for volatile organics and polychlorinated biphenyls. The sampling event consisted of five sample locations with one location as a blind duplicate. Dedicated sampling equipment was used for the collection of each sample. As a result, a rinsate blank was not required for this sampling event. In addition, the laboratory did not require a matrix spike or matrix spike duplicate (MS/MSD). See attached Chain of custody for additional information.

7. Report Prepared by: Jennifer Leahy

8. Report Reviewed by: Thomas O'Neill



CALL YOUR LOCAL FEDEX OFFICE
FOR INFORMATION OR ASSISTANCE.

400-8686 3431

INTERNATIONAL AIR WAYBILL
PACKAGE TRACKING NUMBER

400-8686 3431



Date of Shipment 03/09/95	Origin Station I.D. (FedEx use only) LDJ	Dest. Station I.D. (FedEx use only) XHI	URSA Routing (FedEx use only) LDJ
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1 Sender's Federal Express Account Number		Phone Number (Very Important)	
FROM (Your Name) Please Print V.I. Department of Environment & Natural Resources		Company U.S. EPA Region 2	
Company V.I. Department of Environment & Natural Resources		Dept./Floor No.	
Exact Street Address P.O. Box 100000		Exact Street Address Kirkham Depot Building 209	
Exact Street Address		Exact Street Address 2610 Woodbridge Ave	
City St. John		City Elizabethtown	
County		County	
Country V.I.		Country New Jersey	
Postal Code 00802		Postal Code 08611	

3 TO (Recipient's Name) Please Print John Smith		Phone Number (Very Important To Ensure Delivery) (108) 466-6886	
Company U.S. EPA Region 2		Dept./Floor No.	
Exact Street Address Kirkham Depot Building 209		Exact Street Address	
Exact Street Address 2610 Woodbridge Ave		Exact Street Address	
City Elizabethtown		City	
County		County	
Country New Jersey		Country	
Postal Code 08611		Postal Code	

2 Sender Internal Billing Reference Information (Optional) (First 24 Characters Will Appear On Invoices)
--

B BROKER NAME Complete only when International Priority Broker Selection Option is requested.	Broker Phone Number (Very Important To Ensure Delivery)
City/Country	Broker Postal Code

4 SERVICES Tick One Box Only Not all options available to all destinations
☒ International Priority ☐ International Priority Freight Service
DESCRIPTION

9 SHIPMENT INFORMATION FedEx cannot estimate Customs charges	
Number of Packages (Shippers Load and Count - SLAC)	Total Weight / Tick One Box and Enter Weight
Country of Manufacture	Specify Currency of Declared Value USD
Total Declared Value for Carriage	Total Declared Value for Customs

5 PACKAGING Tick One Box Only
☐ FEDEX Letter/Envelope ☐ FEDEX Pak ☒ All Other Packaging

Complete Description of Contents/Harmonised Code Environmental Samples (Soil)
--

6 DELIVERY/HANDLING INSTRUCTIONS Tick boxes required
☐ Hold for Pick-up ☒ Deliver Weekday ☐ Deliver Saturday
DESCRIPTION

Recipient's ID Number for Customs Purposes (e.g. I.N./V.A.T./E.I.N., or as locally required)
--

DANGEROUS GOODS Does this shipment contain dangerous goods? ☐ No ☐ Yes (As per attached Shipper's Declaration)
☐ Dry Ice ☐ Cargo Aircraft Only

10 SENDER'S SIGNATURE By giving us your shipment, you agree to the conditions on the back of this Non-Negotiable Air Waybill. Certain international treaties, including the Warsaw Convention, may apply to this shipment and limit our liability for damage, loss or delay, as described in the Conditions of Contract.
--

7 TRANSPORTATION CHARGES Not all options available to all destinations
☐ Bill Sender ☐ Credit Card ☒ Bill Recipient ☐ Cash/Cheque ☐ Bill 3rd Party
Fill in FEDEX Acct. or Credit Card No.

8 DUTIES AND TAXES Not all options available to all destinations
☐ Bill Sender ☐ Bill Recipient ☐ Bill 3rd Party
Fill in FEDEX Account No.

Exp. Date	Approval Code
-----------	---------------

SENDER'S SIGNATURE Required X		This is not authorization to deliver this shipment without a recipient signature.	
DIM Shipment	Chargeable Weight	Total Volume	
Handling Units	CI Attached	SED Attached	CO Attached
Base Charges	Dec. Val. Chrg.	Other	ODA/OPA
Total			

Recipient's Signature

Recipient Name Printed	Del. Courier Emp. #	Date M D Y	Time
------------------------	---------------------	------------	------

SHIPPER COPY

TUT 007 2308