

**Closure of Fuel Underground Storage  
Tanks No. 1 and No. 2  
Building 2015, Naval Ammunition Support Detachment  
Vieques Island, Puerto Rico**

CTO Task Order 189

Prepared for  
Department of the Navy  
Atlantic Division  
Naval Facilities Engineering Command

Under the  
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Prepared by  
**CH2MHILL**  
4350 West Cypress Street  
Suite 600  
Tampa, FL 33607-4155

March 2001

**NASD VIEQUES 01-3**

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# List of Acronyms

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bgs	Below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CEMI	Cape Environmental Management Inc.
CFR	Code of Federal Regulations
COC	Chain-of-custody
DOT	Department of Transportation
DRO	Diesel Range Organics
EPA	Environmental Protection Agency
FMD	Facilities Management Division
GRO	Gasoline Range Organics
HSWA	Hazardous and Solid Waste Amendments
LANTDIV	Navy, Atlantic Division
LEL	Lower Explosive Limit
NASD	Naval Ammunition Support Detachment
NAVFACENGC	Naval Facilities Engineering Command
NSRR	Naval Station Roosevelt Roads
PID	Photo-Ionization Detector
POC	Point-of-Contact
PREQB	Puerto Rico Environmental Quality Board
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
TEG	Trans-Global Environmental Geochemistry
TPH	Total Petroleum Hydrocarbon
µg/L	Micrograms per Liter
UST	Underground Storage Tank
VOC	Volatile Organic Compound

# Introduction

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CH2M HILL was retained by the Department of the Navy, Atlantic Division (LANTDIV), Naval Facilities Engineering Command (NAVFACENGCOM) to perform field oversight, sampling, and reporting activities associated with the closure of two 6,000-gallon underground storage tanks (USTs) at Building 2015 of the Naval Ammunition Support Detachment (NASD) on Vieques Island, Puerto Rico. The IT Group (OHM Remediation Services) and its subcontractor, Cape Environmental Management Inc. (CEMI), were contracted by LANTDIV to perform the preliminary site visit and to develop the closure plan for the UST removals at Building 2015.

## 1.1 Closure Report Objectives

The objective of the UST closure effort was to properly decommission, remove, and dispose of the two USTs and associated systems at Building 2015 of the NASD. Building 2015 is situated within the Public Works Area of NASD, an area which is scheduled for transfer to the Municipality of Vieques under an agreement between the Navy and the government of Puerto Rico. Because of the impending land transfer, closure of the USTs at Building 2015 was deemed necessary.

This Closure Report summarizes the UST closure activities at Building 2015. Field efforts to complete required activities were conducted in accordance with Resource Conservation and Recovery Act of 1976 (RCRA) guidelines, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA), and the Puerto Rico Environmental Quality Board (PREQB) UST Regulation Part VII Standards. In addition, closure procedures developed in the *Closure Plan for USTs No. 1 and No. 2 at Building 2015* (CEMI, August 2000) were referenced throughout implementation of field activities. Appendix A includes copies of applicable PREQB closure documentation.

This Closure Report contains the following information:

- Background information
- Description of the decontamination and sampling procedures, and a summary of the analytical results
- Description of UST excavation, disposal, and site restoration activities
- Discussion on the management of investigation derived waste and its disposition
- Conclusions and recommendations for PREQB approval of clean closure of the USTs

A closure report addendum prepared by OHM in conjunction with this closure report is presented in Appendix B.

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## 1.2 Site Location and Description

Vieques Island lies roughly 7 miles southeast of U.S. Naval Station Roosevelt Roads (NSRR), Puerto Rico, and has an area of approximately 33,000 acres (Figure 1-1). The U.S. Navy occupies approximately 22,600 acres, of which NASD encompasses approximately 8,000 acres along the western tip of the island. Building 2015 is located within the Public Works Area of NASD, as shown in the site location map presented in Figure 1-2. The two USTs were located approximately 30 feet south of Building 2015, as illustrated in Figure 1-3.

NASD is presently utilized by the U.S. Navy Atlantic Fleet for the storage of munitions. The activities at NASD are directed under the consolidated command of Commander Fleet Air Caribbean, Naval Forces Caribbean, and Antilles Defense Command, whose headquarters are at NSRR. The mission of NASD is to receive, store, and issue all ordnance authorized by NSRR for support of Atlantic Fleet activities. The only active operation at NASD is the maintenance associated with munitions storage magazines and equipment used in munitions storage and transfer.

## 1.3 Site Background and UST History

Navy records indicate that the USTs at Building 2015 were identified as Tank No. 1 and No. 2, and contained diesel fuel and mogas (gasoline), respectively. The two USTs were installed in 1994 to provide mogas and diesel fuel storage for government-owned vehicles. The dual-wall, reinforced-fiberglass USTs were approximately 8 feet in diameter and had a nominal capacity of approximately 6,000 gallons. The USTs were positioned end-to-end with approximately 5 feet between them, located approximately 3 feet below ground surface (bgs). The USTs were covered by reinforced concrete paving approximately 12 inches thick, and were equipped with spill containment, leak detection, and automatic tank gauging. No spills or releases from the two USTs have been reported in the past.

Fuel from the USTs was supplied to the dedicated single product dispenser via two ¾-inch-diameter product supply pipes enclosed in 3-inch-diameter secondary containment piping. The product dispenser was positioned on a concrete island constructed parallel to the USTs. The fill pipe was positioned directly above each UST. Approximately 10 feet of product piping extended underground from the USTs to the dispensers. Additional aboveground components associated with the tanks included an exterior light post on the pump island, leak detection alarms fixed to the exterior of the building, two vent lines also attached to Building 2015, and protective bollards. The locations of these features are shown in Figure 1-3.

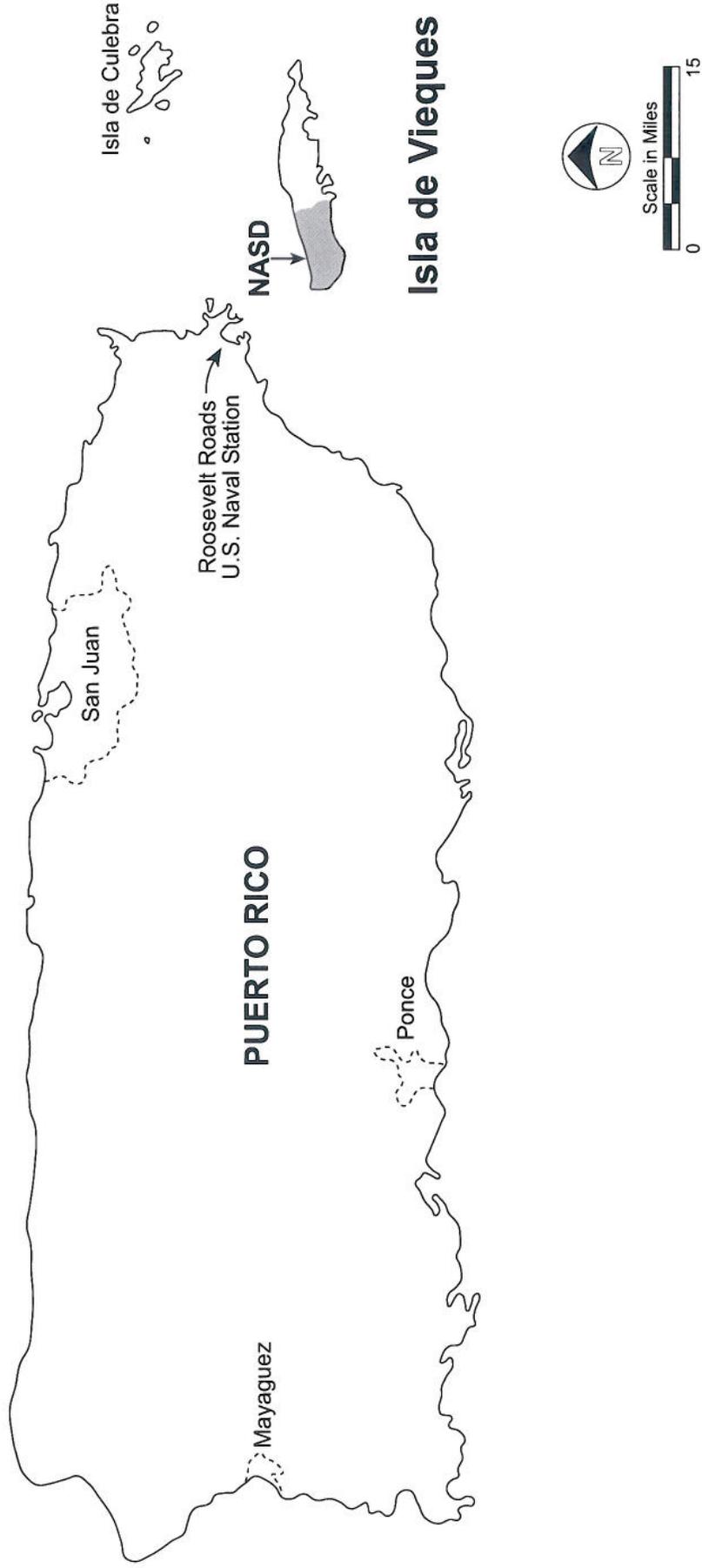


Figure 1-1

**SITE LOCATION MAP**

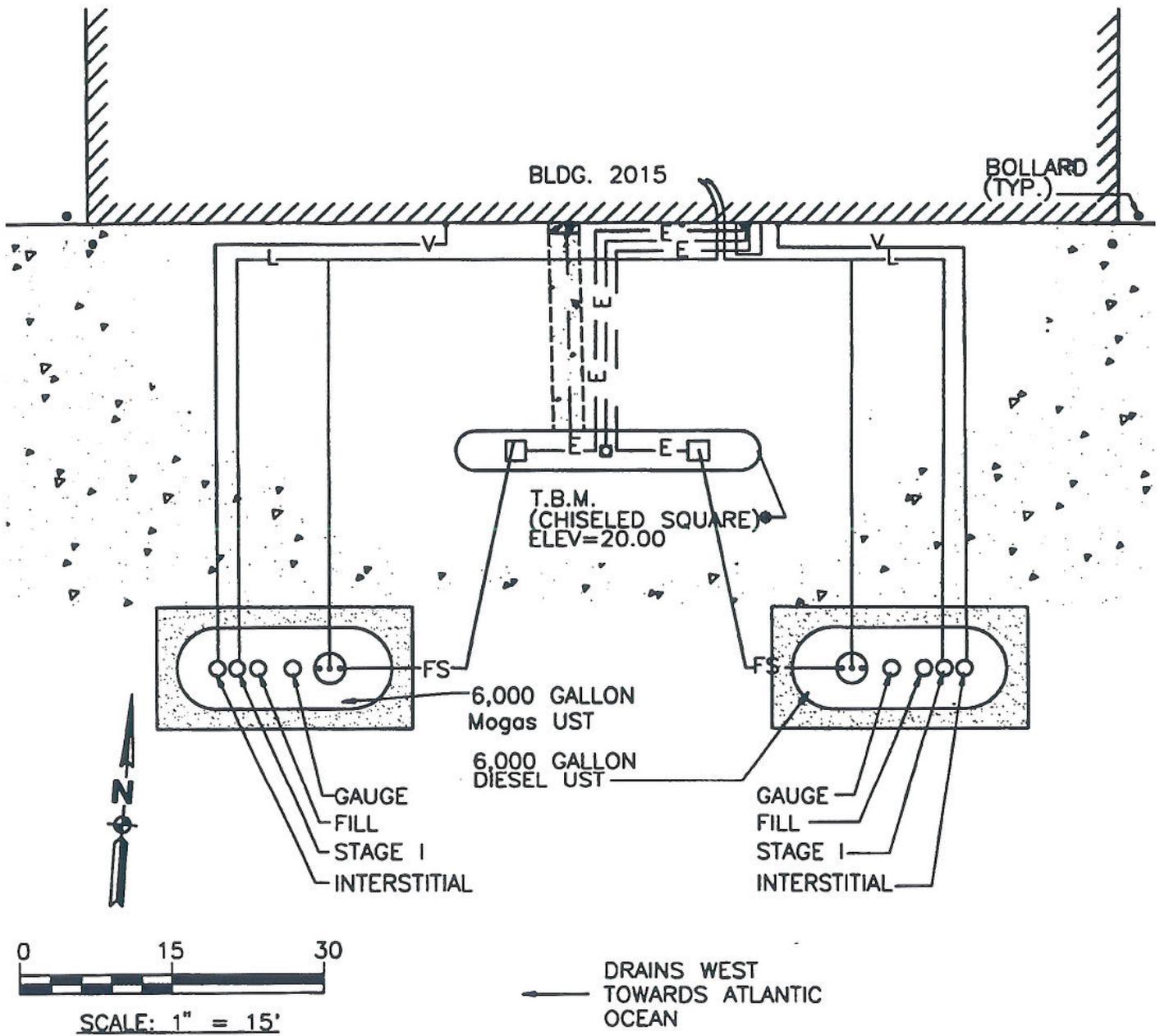
NASD, Vieques Island, Puerto Rico

CADD FILE NAME: \Environmental\160403 - NASD PHASE 2/TANK REMOVAL\Figure 1-2.dwg



**Figure 1-2**  
**BUILDING 2015 SITE LOCATION MAP**  
**NASD, Vieques Island**

**CH2MHILL**



- LEGEND:**
- FR— Fuel Return
  - FS— Fuel Supply
  - V— Vent Line
  - ⊙ Bollards
  - ↘ Asphalt

Source: Dames and Moore

**Figure 1-3**  
**LOCATION OF USTs NO. 1 AND NO. 2 AT BUILDING 2015**  
 NASD, Vieques Island, Puerto Rico

## SECTION 2

# Pre-Closure Activities

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This section describes the pre-closure activities associated with excavation, removal, and disposal of two 6,000-gallon USTs and associated systems at Building 2015, NASD. Pre-closure activities included site reconnaissance efforts, utility clearance, and the issuance of an excavation permit.

Pre-closure and closure activities were completed by Right-Way Environmental Inc. (Right-Way) of Puerto Rico under contract to OHM Remediation Services. UST pre-closure and closure oversight efforts were completed by personnel from CH2M HILL, CEMI, and OHM Remediation Services. Mr. Pedro Ruiz, the Environmental Point-of-Contact (POC) for NSRR, also provided oversight services during selected soil sampling activities associated with the UST excavation. Field efforts were conducted from December 13 through December 29, 2000.

## 2.1 Utility Clearance and Excavation Permit

Before closure activities began, site utilities were identified, marked, and cleared by Navy personnel. The Facilities Management Division (FMD) of NASD then issued an excavation permit following utility clearances. To the extent possible, hand digging was utilized to minimize the potential of damaging unmarked utilities that may have been present within the limits of the UST excavations.

## Closure Activities

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This section presents a description of closure activities associated with the excavation, removal, and disposal of two 6,000-gallon USTs and associated systems at Building 2015, NASD. Closure activities included deactivation of the tank alarm systems, removal of product and residual sludge from the USTs, the excavation of the UST's, the cleaning of the USTs, and transport and disposal of USTs and associated systems.

### 3.1 Alarm Deactivation, Product Removal, and UST Cleaning

Prior to removal of product and sludge from the USTs, power to the dispenser island was disconnected at the electrical panel board and the automatic tank gauging and leak detection systems were deactivated. Wiring from inside of Building 2015 at the electrical panel board and components of the automatic tank gauging system were disconnected, removed, and disposed of as normal refuse at the Isabella Segunda landfill in Vieques.

Removal of product from USTs No. 1 and No. 2 was completed by Right-Way on December 13 and 14, 2000. Approximately 1,400 gallons of diesel fuel were removed from UST No. 1, and 450 gallons of mogas were removed from UST No.2. The mogas was transported to Camp Garcia for re-use, while the diesel fuel (which contained traces of water) was rendered useless and transported to NSRR for disposal.

UST cleaning efforts were completed next. Approximately four 55-gallon drums of residual product and sludge were generated from this process. The tanks were cleaned using absorbent pads and pressure washing equipment. Lower Explosive Limits (LELs) were checked before purging and tank cleaning to ensure that levels inside the tank were within acceptable limits. To ensure that the two USTs had been cleaned properly for disposal, physical evaluations of the insides of the USTs were performed by Right-Way personnel following confined space entry protocols and guidelines specified in the Closure Plan.

The diesel fuel from UST No.1 and the sludge removed from the two USTs were transported to NSRR by A&A Waste Management with appropriate waste manifests.

### 3.2 UST Excavation and Tank Extraction

Following the issuance of the excavation permit for this project by the FMD, closure activities commenced with the cutting of concrete along the perimeter of the USTs. This was accomplished with a concrete saw and hydraulic jack hammer. Once the concrete was removed, utilities, tanks and ancillary equipment were identified and exposed as necessary.

The diesel UST was exposed first. Product piping was located and traced back to the dispenser island. The concrete above the product piping was cut by saw once the location was established. The product piping was exposed at each dispenser and flushed in a manner that allowed for residual liquids to be properly contained in 55-gallon Department of Transportation (DOT) drums.

SECTION 4

# Environmental Sampling and Analysis

The following sections describe the sampling locations, rationale, and laboratory analysis methodologies associated with the UST closure project at Building 2015.

## 4.1 Sampling Rationale and Laboratory Methodologies

The soil sampling rationale for the UST closure included both field screening efforts and submittal of samples for confirmatory laboratory analysis. Field screening and laboratory confirmation samples were collected from the excavation bottom, side-walls, and from the soil stockpile as shown in the photo-documentation in Appendix D. Excavated pipe trenches were not accessible; therefore, trench soil samples were not collected during this program. Field screening and laboratory sample collection methods are described in Section 4.2. Field screening locations and results are provided in Table 4-1 while samples submitted for laboratory analysis are summarized in Table 4-2.

**TABLE 4-1**  
Soil Screening Results, Jar Headspace Method  
*UST Closure Report, USTs No. 1 and No. 2, Building 2015, NASD*

Sample ID	Sample Matrix	PID Reading (ppm)	Sample Location	Comment
SS-1-01	Soil	0.4	UST base of Mogas tank; east side	
SS-1-02	Soil	0.9	UST base of Mogas tank; west side	
SS-1-02D	Soil	0.9	UST base of Mogas tank; west side	Field duplicate
SS-1-03	Soil	1.6	UST sidewall of Mogas tank; west side	
SS-1-04	Soil	2.3	UST sidewall of Mogas tank; south side	
SS-1-05	Soil	1.2	UST sidewall of Mogas tank; north side	
SS-1-06	Soil	15.3	Stockpile #1 – Sample taken on east side of stockpile	
SS-1-07	Soil	39	Stockpile #1 – Sample taken on west side of stockpile	
SS-1-08	Soil	--	Sample ID not used	
SS-1-09	Soil	--	Sample ID not used	
SS-2-01	Soil	6.2	UST base of Diesel tank; east side	
SS-2-02	Soil	10.5	UST base of Diesel tank; west side	
SS-2-02D	Soil	10.5	UST base of Diesel tank; west side	Field duplicate
SS-2-03	Soil	1.7	UST sidewall of Diesel tank; east side	
SS-2-04	Soil	0.6	UST sidewall of Diesel tank; south side	
SS-2-05	Soil	1.1	UST sidewall of Diesel tank; north side	
SS-2-06	Soil	60.2	Stockpile #2 – Sample taken on east side of stockpile	
SS-2-07	Soil	16.5	Stockpile #2 – Sample taken on northeast side of stockpile	
SS-2-08	Soil	12.5	Stockpile #2 – Sample taken on northwest side of stockpile	
SS-2-09	Soil	35.1	Stockpile #2 – Sample taken on southeast side of stockpile	

**Notes:**

ppm = parts per million

- 1) North - facing Bldg. 2015 and the Caribbean Ocean
- 2) Jar Headspace readings collected utilizing a PID

**TABLE 4-2**

Laboratory Soil Sample Locations and Methods

UST Closure Report, Tank Nos. 1 and 2, Building 2015, NASD

Sample ID	Sample Matrix	Analyses Performed	Sample Location	Comment
SS-1-01	Soil	BTEX, TPH-GRO	UST base of Mogas tank; east side	
SS-1-02	Soil	BTEX, TPH-GRO	UST base of Mogas tank; west side	
SS-1-02D	Soil	BTEX, TPH-GRO	UST base of Mogas tank; west side	Field duplicate
SS-1-03	Soil	BTEX, TPH-GRO	UST sidewall of Mogas tank; west side	
SS-1-04	Soil	BTEX, TPH-GRO	UST sidewall of Mogas tank; south side	
SS-1-05	Soil	BTEX, TPH-GRO	UST sidewall of Mogas tank; north side	
SS-1-06	Soil	BTEX, TPH-GRO, TPH-DRO	Stockpile #1 – Sample taken on east side of stockpile	
SS-1-07	Soil	BTEX, TPH-GRO, TPH-DRO	Stockpile #1 – Sample taken on west side of stockpile	
SS-1-08	Soil	--	Sample ID not used	
SS-1-09	Soil	--	Sample ID not used	
SS-2-01	Soil	BTEX, TPH-DRO	UST base of Diesel tank; east side	
SS-2-02	Soil	BTEX, TPH-DRO	UST base of Diesel tank; west side	
SS-2-02D	Soil	BTEX, TPH-DRO	UST base of Diesel tank; west side	Field duplicate
SS-2-03	Soil	BTEX, TPH-DRO	UST sidewall of Diesel tank; east side	
SS-2-04	Soil	BTEX, TPH-DRO	UST sidewall of Diesel tank; south side	
SS-2-05	Soil	BTEX, TPH-DRO	UST sidewall of Diesel tank; north side	
SS-2-06	Soil	BTEX, TPH-GRO, BTEX, TPH-DRO	Stockpile #2 – Sample taken on east side of stockpile	
SS-2-07	Soil	BTEX, TPH-GRO, BTEX, TPH-DRO	Stockpile #2 – Sample taken on northeast side of stockpile	
SS-2-08	Soil	BTEX, TPH-GRO, BTEX, TPH-DRO	Stockpile #2 – Sample taken on northwest side of stockpile	
SS-2-09	Soil	BTEX, TPH-GRO, BTEX, TPH-DRO	Stockpile #2 – Sample taken on southeast side of stockpile	
SS-AB1	Water	BTEX	Ambient Blank	
SS-EB1	Water	BTEX, TPH-GRO, TPH-DRO	Equipment Blank	
SS-TB1	Water	BTEX	Trip Blank	

Notes:

1) North - facing Bldg. 2015 and the Caribbean Ocean

Samples were submitted for laboratory analysis for benzene, toluene, ethylbenzene, and xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8021, and for total petroleum hydrocarbons-gasoline range organics (TPH-GRO) and TPH-diesel range organics (TPH-DRO) by EPA Modified Method 8015. Quality assurance/quality control (QA/QC) samples were also collected during this effort and are described in Section 4.4.

## 4.2 Sampling and Decontamination Procedures

Field screening samples for jar headspace analysis were collected into Ziploc bags using pre-cleaned stainless steel spoons and bowls, allowed to sit for 10 minutes, and then screened

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with a PID for organic vapors. Field screening sample locations and associated PID results are provided in Table 4-1.

Laboratory soil samples were collected as discrete grab samples also utilizing pre-cleaned stainless steel spoons and bowls, then packed with zero headspace in laboratory supplied 2-ounce glass jars with Teflon lids. Samples were then logged onto the chain-of-custody (COC) and placed on ice inside a dedicated cooler for subsequent shipment to the laboratory. During sample collection efforts, new latex gloves were worn at each new location to minimize potential for cross contamination.

The following procedure was used for decontamination of stainless steel sampling equipment used during closure activities:

1. Equipment was washed thoroughly with a brush using Alconox and potable water.
2. Equipment was then rinsed thoroughly with potable water.
3. Equipment was rinsed thoroughly with deionized water and allowed to air dry.
4. Equipment was then wrapped with aluminum foil to prevent potential wind-blown debris from accumulating on clean equipment until it was ready for re-use.

Latex gloves were worn during decontamination procedures and new gloves were donned for each decontamination event.

### **4.3 Soil Sample Locations and Descriptions**

Ten soil samples were collected for laboratory analysis from the UST excavation; four samples were collected at the base of the tank excavation, and six samples were collected on the sidewalls of the excavation as illustrated in Appendix D.

A total of six soil samples were also collected from the soil stockpiles adjacent to the UST excavation. Information pertaining to sample designations, locations, descriptions and sample analyses is provided in Table 4-2. Appendix E provides COC documentation.

### **4.4 Field Quality Assurance/Quality Control (QA/QC) Samples**

During field sampling efforts, four types of QA/QC samples were collected:

1. Field duplicates
2. Trip blanks
3. Equipment blanks
4. Ambient blanks

Two duplicate samples were collected along the base of the excavation, one at each UST excavation. The duplicate soil sample for the mogas excavation (UST No. 1) was analyzed for BTEX and TPH-GRO. The duplicate soil sample for the diesel excavation (UST No. 2) was analyzed for BTEX and TPH-DRO. The laboratory-supplied trip blank and ambient blank was analyzed for BTEX only. The equipment blank was analyzed for BTEX, TPH-GRO and TPH-DRO. Additionally, a temperature blank accompanied the shipment of samples to

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ensure that samples arrived at the laboratory at appropriate temperatures. QA/QC samples are summarized in Table 4-1 and in the COC information in Appendix E. Detailed laboratory analytical results are contained in Appendix F.

## 4.5 Field Documentation

Field sampling activities were documented in a field logbook prepared daily by site personnel. Photo-documentation of site activities was also collected and is provided in Appendix C. Field log notes are presented in Appendix G.

## 4.6 Sample Custody

All field sampling activities were documented through the use of field logs and COC procedures. An identification label, indicating the sample number, station number, analysis to be performed, preservative used, date and time of sample collection, and the name of the responsible sampling team member, was attached to each sample container. Custody seals were used on each container to prevent tampering prior to sample analysis.

After collection, samples were packed in coolers with vermiculite and ice for delivery to the laboratory. COC forms were taped to the inside of the cooler. The COC contains general information about the location of the activity and the members of the sampling team, as well as specific information about the type of sample, sample location, number of sample containers from each location or station, and the analyses to be performed. Each time the sample cooler is relinquished or received, the party involved signs the form and notes the time and date. The coolers used to deliver the samples to the laboratory were sealed with strapping tape. Seals in the form of evidence tape were placed across the front and back lid to control tampering during shipment to the laboratory via a courier.

## Summary of Analytical Results

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Confirmatory soil samples were submitted to Transglobal Environmental Geochemistry (TEG) in Caguas, Puerto Rico for analysis. The samples collected from within the UST No. 1 excavation were analyzed for BTEX and TPH-DRO by EPA methods SW8021 and M8015, respectively. Soil samples collected from within the UST No. 2 excavation were analyzed for BTEX and TPH-GRO by EPA methods SW8021 and M8015, respectively. In addition to the excavation samples, composite samples from the excavation stockpiles were also analyzed for TPH-DRO, TPH-GRO, and BTEX.

The laboratory results from TEG were evaluated versus criteria established for similar UST closure projects in Florida. Results of this effort indicate that each analyzed parameter at all sampling points was below the laboratory method detection limits and corresponded well with field screening results where only marginal readings of organic vapors were noted. These results indicated that no impacts to subsurface soils from potential UST releases were evident based on these closure activities. Appendix F contains the complete laboratory data package.

Toluene, a component of BTEX, was identified in the trip blank that accompanied the sample cooler to the site and back to the laboratory. The toluene concentration in this trip blank was 6.2 micrograms per liter ( $\mu\text{g}/\text{L}$ ), well below the EPA MCL of 1,000  $\mu\text{g}/\text{L}$  for this compound. The trip blank contamination may have occurred during shipment of the sample bottle cooler to the field, during storage in the field, or during shipment from the field to the laboratory. Since all the site samples were non-detect, the low levels of toluene identified in the trip blank does not affect the integrity of the sample data. If toluene had been identified in the data from field samples, then it could be questioned as to whether the toluene contamination in the trip blank came from an outside source during shipment.

# Waste Characterization

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Waste generated from closure activities was handled according to standard procedure at NASD. Under provisions of RCRA, the petroleum-contaminated media (i.e., soil or groundwater), if encountered during UST removal activities, is considered an excluded waste (40 CFR 261.4 (b)(10)). As such, it is not subject to hazardous waste transportation and disposal requirements.

## 6.1 Investigation-Derived Waste Management

Copies of the Daily Contractor Reports and CH2M HILL field notes are included in Appendix G.

Approximately 1,400 gallons of diesel fuel pumped from UST No. 1 was transported to A&A Waste Management at Roosevelt Roads on December 14, 2000, for disposal. Evidence of water was discovered in the diesel fuel, rendering it unusable. It was, therefore, disposed of. The remaining 450 gallons of gasoline in UST No. 2 was transported to Camp Garcia by A&A Waste Management on December 13, 2000, for re-use.

The residual sediment/sludge in the USTs, as well as any petroleum-contaminated wastewater generated during cleaning processes was sampled and characterized by Right-Way, with results included in the addendum to the Closure Report submitted by OHM Remediation Services (see Appendix B). Approximately four 55-gallon drums were transported to Roosevelt Roads for disposal by A&A Waste Management on December 27, 2000. The waste profiles and manifests for the liquid diesel residual and the sediment and sludge are presented in Appendix H.

## Conclusions and Recommendations

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USTs No. 1 and No. 2 at Building 2015 were decommissioned, emptied, cleaned, excavated, and disposed of in accordance with the Closure Plan developed for this project and federal and Commonwealth guidelines regarding UST closures. Contents of the tanks were segregated, transported, and disposed of in compliance with federal and Commonwealth guidelines.

Laboratory analytical results from soil samples collected from the UST excavation did not identify concentrations of analyzed parameters above the method detection limits of the laboratory instruments. Because results from field screening efforts and confirmatory laboratory analysis did not identify petroleum impacts to the subsurface, stockpiled soil was re-used as backfill in the former tank excavation pit.

The site was then restored at grade with bituminous concrete as stipulated in the Closure Plan for the site. Investigation-derived waste generated from closure activities was transported and disposed by A&A Waste Management.

Based on results of this UST closure project at Building 2015 and supporting environmental data, further investigation is not warranted.

SECTION 8

# References

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Cape Environmental Management, Inc. *Closure Plan for Underground Storage Tanks No. 1 and No. 2, Building 2015, NASD, Vieques Island, Puerto Rico.* August 2000.

OHM Remediation Services. *Closure Report Addendum for Underground Storage Tanks No.1 and No. 2, Building 2015, NASD, Vieques Island, Puerto Rico.* January 2001.

Puerto Rico Environmental Quality Board. UST Regulations Part VII Standards.

APPENDIX A

# **Puerto Rico Environmental Quality Board Certification Forms**

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GOBIERNO DE PUERTO RICO  
OFICINA DEL GOBERNADOR  
JUNTA DE CALIDAD AMBIENTAL

**CERTIFICACION RECIBO PLAN DE MUESTREO**

(Certificación a ser sometida para actividades de muestreo relacionado con cierres, rastreos y remediación, entre otros)

Esta certificación debe ser sometida a la unidad del Área de Calidad de Agua que tenga inherencia en el proyecto diez (10) días antes de efectuarse la actividad.

Por la presente yo Kevin Shelburne en mi carácter de Principal del  
(Nombre y apellido) (Título o posición)

laboratorio TEG-Puerto Rico certifico que he recibido copia fiel y exacta del Plan de

Muestreo aprobado por la Junta de Calidad Ambiental para el proyecto not yet assigned  
(Numero identificación)

ASD Vieques Island, PR, ubicado en Building 2015 UST. Que las actividades incluidas en dicho  
(Nombre de empresa) (Dirección física)

Plan de Muestreo en las cuales TEG-Puerto Rico tenga inherencia, serán efectuadas acorde  
con lo establecido en el mismo.

Firma

Sello / Numero licencia (Si aplica)

(En caso de que la toma de muestras y los análisis de laboratorio sean realizados por diferentes entidades, cada una de las mismas deberá cumplimentar esta certificación).

ACA-1A

Velando por la pureza que usted desea, en el ambiente que lo rodea  
EDIFICIO NACIONAL PLAZA / AVE. PONCE DE LEON 431/HATO REY, PR. 00917  
APARTADO 11488/SANTURCE, PR. 00910/TELEFONO 767-8181



**GOBIERNO DE PUERTO RICO  
OFICINA DEL GOBERNADOR  
JUNTA DE CALIDAD AMBIENTAL**

**CERTIFICACION RECIBO PLAN DE MUESTREO**

(Certificación a ser sometida para actividades de muestreo relacionado con cierres, rastreos y remediación, entre otros)

Esta certificación debe ser sometida a la unidad del Área de Calidad de Agua que tenga inherencia en el proyecto diez (10) días antes de efectuarse la actividad.

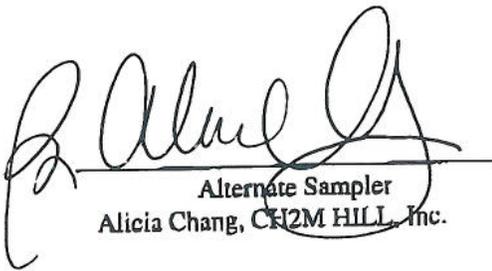
Por la presente yo, Mr. Martin Clasen en mi carácter de Project Manager de  
(Nombre y apellido) (Título o posición)

CH2M HILL certifico que he recibido copia fiel y exacta del Plan de Muestreo aprobado por la

Junta de Calidad Ambiental para el proyecto not yet assigned NASD Vieques  
(Número identificación) (Nombre de empresa)

ubicado en Building 2015 UST. Que las actividades incluidas en dicho Plan de Muestreo  
(Dirección física)

en las cuales CH2M HILL tenga inherencia, serán efectuadas acorde con lo establecido en el mismo.

  
Alternante Sampler  
Alicia Chang, CH2M HILL, Inc.

  
Firma  
Sello / Número licencia (Si aplica)

(En caso de que la toma de muestras y los análisis de laboratorio sean realizados por diferentes entidades, cada una de las mismas deberá cumplimentar esta certificación).

ACA-2A

Velando por la pureza que usted desea, en el ambiente que lo rodea  
EDIFICIO NACIONAL PLAZA / AVE. PONCE DE LEON 431/HATO REY, PR. 00917  
APARTADO 11488/SANTURCE, PR. 00910/TELEFONO 767-8181



GOBIERNO DE PUERTO RICO  
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JUNTA DE CALIDAD AMBIENTAL



CERTIFICACION RECIBO PLAN DE MUESTREO

(Certificación a ser sometida para actividades de muestreo relacionado con  
cierres, rastros y remediación, entre otros).

Esta certificación debe ser sometida a la unidad del Area de Calidad de Agua que tenga  
jurisdicción en el proyecto diez (10) días antes de efectuarse la actividad.

Por la presente, yo Mr. Steve Iwizdzak en mi carácter de Project Manager de  
(Nombre y apellidos) (Titulo o posición)

Environmental Mgmt. Inc. certifico que he recibido copia fiel y exacta del Plan de Muestreo  
(Nombre empresa)

aprobado por la Junta de Calidad Ambiental para el proyecto not yet assigned,  
(Número identificación)

RASD Vieques Island, ubicado en Building 2015 EST. Que las actividades  
(Nombre de empresa) (Dirección física)

incluidas en dicho Plan de Muestreo en las cuales Cape Environmental Mgmt. Inc. tenga  
(Nombre empresa)

Inherencia, serán efectuadas acorde con lo establecido en el mismo.

Alternative Signers:

Richard K. Nalson, Cape Environmental Mgmt. Inc.

Jane Sayers, Cape Environmental Mgmt. Inc.

Michael Black, Cape Environmental Mgmt. Inc.

Steve Iwizdzak  
Firma  
Sello/Número Hoja (Si aplica)

(En caso de que la toma de muestras y los análisis de laboratorio sean realizados por diferentes  
entidades, cada una de las mismas deberá cumplimentar esta certificación).

ACA-2A

Velando por la pureza que usted desea, en el ambiente que lo rodea  
EDIFICIO NACIONAL PLAZA/AVE. FONCE DE LEON 431/HATO REY, P.R. 00917



GOBIERNO DE PUERTO RICO  
 OFICINA DEL GOBERNADOR  
 JUNTA DE CALIDAD AMBIENTAL



**CERTIFICACIÓN RECIBO PLAN DE MUESTREO**

(Certificación a ser sometida para actividades de muestreo relacionadas con  
 ríos, raras y regulación, entre otros).

Esta certificación debe ser sometida a la Unidad del Área de Calidad de Agua que tenga  
 injerencia en el proyecto dlex (19) días antes de efectuarse la actividad.

Por lo presente, yo Ady Padon en mi carácter de Espeident del  
 (Nombre y apellido) (Título o posición)

laboratorio AES Internacional certifico que he recibido copia fiel y exacta del Plan de Muestreo  
 (Nombre laboratorio)

aprobado por la Junta de Calidad Ambiental para el proyecto out ver assigned  
 (Número-Identificación)

BASE Yiguan, y Long, ubicado en Sancti Spiritus, P.R. Que las actividades  
 (Nombre de empresa) (Dirección física)

incluidas en dicho Plan de Muestreo en las cuales AES Internacional tenga  
 (Nombre laboratorio)

injerencia, serán efectuadas de acuerdo con lo establecido en el mismo.

[Signature]  
 Firma  
 Sellado/Impresión Licitud (Si aplica)

(En caso de que la toma de muestras y los análisis de Laboratorio sean realizados por diferentes  
 entidades, cada una de las mismas deberá complementar esta certificación).

ACA-1A

Yelando por la pureza que usted desea, en el ambiente que la rodea  
 EDIFICIO NACIONAL PLAZA/AVE. PONCE DE LEON 431/PATO REY, P.R. 00917  
 AVIATADO 15482/SANTURCE, P.R. 00910/TELEFONO 787-8191

APPENDIX B

## **Closure Report Addendum, OHM**

---

January 17, 2001

Mr. John VanName, Code EV14  
Atlantic Division, NAVFACENGCOM  
1510 Gilbert Street  
Norfolk Va., 23511-2699

**RE: CONTRACT N62470-97-D-5000  
TASK ORDER 0064  
ADDENDUM TO CLOSEOUT REPORT  
NASD VIEQUES, PUERTO RICO**

Dear Mr. VanName,

OHM Remediation Services Corp. (OHM) is pleased to submit (3) copies of the (Draft) Addendum to the October 2000 Closeout Report for new scope authorized and performed during December 2000. Upon your review, please provide any comments and or content/format suggestions to me. A copy has been forwarded to A.Chang at CH2MHill.

Sincerely,

David R. Leadenham  
Deputy Program Manager- Operations

PC: R. Moreau  
K. Wilson  
J. Kresky  
E. Torres  
CH2Mhill  
C. Penny

**ADDENDUM TO CLOSEOUT REPORT  
FOR SURFACE CLEANUP OF LAHUECA DUMP SITE  
UNDERGROUND STORAGE TANK REMOVALS,  
AND WELL CLOSURES**

**NAVAL AMMUNITION SUPPORT DEPARTMENT  
VIEQUES, PUERTO RICO**

**Prepared for:  
DEPARTMENT OF THE NAVY  
CONTRACT NO. N62470-97-D-5000  
ATLANTIC DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
BUILDING A (SOUTH EAST WING) 1<sup>ST</sup> FLOOR  
6506 HAMPTON BLVD.  
NORFOLK, VIRGINIA, 23508-1297**

**Prepared by:  
OHM REMEDIATION SERVICES CORP.  
200 HORIZON CENTER BOULEVARD  
TRENTON, NEW JERSEY, 08691-1904**

**Reviewed by:**

---

**David R. Leadenham  
Deputy Program Manager- Operations**

---

**Roland Moreau, P.E.  
Program Manager**

**January 2001  
Task Order 0064  
OHM Project No. 809773**

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## **1.0 INTRODUCTION**

OHM Remediation Services Corp. (OHM) was retained by the Department of the Navy (NAVY), Atlantic Division, Naval Facilities Engineering Command, to perform additional services at the Naval Ammunition Support Department (NASD) (Attachment A), Vieques, Puerto Rico. The new scope was authorized via contract modifications to Task Order 0064 in accordance with Contract # N62470-97-D-5000, and was executed to support the planned property transfer.

This Closeout Report Addendum, provides a description of each new element of work performed. Tables, charts, and maps have been generated to support the representation of data. Appendices H-M provide documentation generated from information provided during field activities.

## 2.0 SUMMARY OF ACTIONS

The following activities were performed in response to approved additions/ modifications to Task Order 0064's Scope of Work:

- Pre-construction ROICC conference call
- Mobilization of personnel and equipment
- Locate (14) wells using GPS
- Gain access to wells and permanently abandon
- Remove and dispose of general trash and debris from Lahueca
- Remove 2- 6k fiberglass tanks by Building 2015
- Material handling, consolidation, and disposal
- Demobilization

The following chronology identifies the major schedule achievements and corresponding dates:

- Received request for proposal (Modification 003) on November 16, 2000 for surface cleanup of Lahueca dump site
- Submitted cost proposal for Lahueca on November 16, 2000
- Submitted UST removal cost proposal option for Modification 003 on November 21, 2000
- Received Modification 003 award on November 28, 2000 in the amount of \$97,803.00 for trash cleanup and UST removals
- Received RFP for permanent well abandonment on November 28, 2000
- Cost proposal for permanent well abandonment (Modification 004) was submitted November 30, 2000
- Mobilization of personnel and equipment commenced December 4, 2000
- Modification 004 funding was received December 6, 2000 in the amount of \$158, 102.00
- Surface debris cleanup at Lahueca was completed December 15, 2000
- Supported PREQB post tank removal inspection and sampling efforts on December 19, 2000
- Received analytical results on December 22, 2000, confirming backfill can commence
- Well closure activities concluded with final inspection on December 27, 2000
- UST removal and restoration activities concluded on December 27, 2000
- Demobilization occurred December 29, 2000

Actual field conditions, customer requirement and strict schedule considerations necessitated and resulted in changes/ additions to the scope of work. The authorized changes were as follows:

- Two beehives were removed to support well closure
- Material from Lahueca was directed to Roosevelt Roads, no local disposal was permitted
- Quarry material was determined not available as UST backfill, imported material was requested from subcontractor
- Existing fuel in UST's (Gasoline and Diesel) required removal and transport
- Abandoned automobiles and car batteries were removed

## 2.1 LOGISTICS AND COORDINATION

To enhance timely mobilizations of multiple subcontractors, avoid conflicts with other NAVY contractors, and meet operational schedule commitments, pre-mobilization efforts commenced upon modification award and consisted of the following:

- Source and procure subcontractor(s) to execute UST removal, well abandonment, and trash cleanup activities
- Source and procure rental support vehicles in Puerto Rico and Vieques
- Procure waste handling vendor
- Obtain mobile communications unit for Vieques
- Identify OHM/ IT technicians for GPS well location task

Vieques resources were utilized to the extent practical (OHM and its subcontractors) to support the multi task activities. During the project schedule the following items/ services were obtained locally in Vieques:

- Beekeeper
- D6 dozer and operator
- 4 laborers
- Rental vehicles
- Lodging (partial crew)
- Backfill material
- Bags of concrete (well closure)
- Meals (lunches), water and cups
- Airline shuttle to Fajardo
- Flat tire repair
- Landfill (clean concrete)

Remaining subcontracted services required to perform the scope of work requested were mobilized from the main island of Puerto Rico.

Main island departure was from the piers at Naval Stations Roosevelt Roads. Space was provided on military LCU's both going to and returning from NASD Vieques at the designated times on a daily basis. As all departure times were firm, OHM frequently communicated with vendors/ suppliers, the status of all shipments, ensuring advanced arrival time was accounted for security clearance, drive time to piers, and staging for LCU loading. Transportation needs were coordinated through the designated Navy representative in advance to support our shipment requests. Changes and/ or conflicts were mutually communicated. Personnel deployment required the same logistics and coordination. Reservations through the designated Navy representative in advance were required to confirm available seating on the catamaran shuttle both to and from NASD Vieques.

## 2.2 SURFACE CLEANUP OF LAHUECA DUMP SITE

The Lahueca Dump Site consisted of approximately 300 tons of municipal waste and construction debris, accumulated over many years by nearby residents (see Appendix M for material handling info). The effected topography represented a valley with trash “pockets” visible along sections of very steep slopes.

Local labor was recruited to retrieve manageable materials/ items, directing them to top of slope to a loader bucket, which transported and deposited the load into nearby staged disposal receptacles. Materials were selectively deposited into the receptacles to maximize space available. Some mechanical “flattening” was required to minimize void space created by larger bulky items. Field designed “utility carts” supported the steep slope retrieval of larger items. During the cleanup effort, a separate 20 cuyd disposal receptacle was conveniently staged for resident use. Signage was posted on the receptacle identifying it for their use.

Severely corroded automobile shells were removed from a residence, and a total of six (6) empty car batteries were disposed of.

### 2.3 UNDERGROUND STORAGE TANK REMOVAL

Building 2015 at NASD Vieques housed monitoring systems for two adjacent underground storage tanks installed in 1994 for refueling of government vehicles. The underground storage tanks were constructed of reinforced fiberglass, eight feet in diameter, and positioned end-to-end. Each possessed a capacity of 6,000 gallons, one gasoline, the other diesel fuel. The tank area was covered with a 12" thick reinforced concrete apron and fuel dispenser island. Underground piping existed between the dispensers, tanks and Building 2015. The following tasks were performed as part of the underground storage tank removal scope of work:

- Identify and mark underground utilities
- Delineate area of disturbance for concrete apron in support of chain link fence installation by others
- Monitor, vent, aerate tank interior atmosphere throughout operations
- Hydraulically breakup concrete apron, load and dispose of off site
- Perform "lock-out tag-out" of all electrical and mechanical tank systems
- Drain, disconnect, remove and dispose of fuel dispensers
- Remove existing tank contents, gasoline and diesel fuel. Gasoline was transported to Camp Garcia for Navy reuse, Diesel fuel was initially directed to Roosevelt Roads, rejected for water content, then properly disposed of off site
- Soil/ fill overburden was removed and staged for reuse as backfill
- Two tanks were cleaned and exhumed. Cleaning media was containerized
- Two (2) tanks were mechanically crushed and disposed of
- Vent lines were cut, removed and remaining section capped (grouted in place)
- Supported sampling event
- Received confirmation to backfill
- Restored area to grade
- Demobilization

## 2.4 PERMANENT ABANDONMENT OF WELLS

A total of (14) wells were previously inventoried in the NASD area by USGS, (4) of which were initially located, by OHM, in September 2000 during the magazine cleaning phase of work. Although GPS data was available, dense jungle-like conditions made access and visible confirmation extremely challenging.

A clearing crew, consisting of two laborers with machete's and chainsaw's, accompanied the two technician GPS crew with the location endeavors. After each well location was discovered, manual clearing of a truck access pathway commenced and was complimented by the mechanical mowing of a brush hog. Four well locations required the use of a bulldozer to displace vegetation and level the terrain for access by well abandonment equipment. After (7) days of well location efforts, well # 4 was not located.

Permanent well closure was performed and documented in accordance with N. C. Regulations. (Appendix J, Well Abandonment Logs) Closure equipment was deployed via cleared pathways, assembled adjacent to the wells, disinfection performed, followed by injection of the sealing material.

Photo documentation of closed wells is provided in Appendix

## **2.5 DEMOBLIZATION**

Upon receiving conformation that all three task efforts were accepted by the Navy inspectors on December 27, 2000, demobilization efforts commenced. Personnel, equipment and materials were individually scheduled for demobilization, from NASD Vieques, and transportation requirements for the LCU were provided as far in advance as possible.

## PHOTOGRAPH LOG

<u>PHOTO #</u>	<u>DESCRIPTION</u>
001 Lahueca	Trash and Junk Cars at Lahueca
002	Discarded Materials on Slope
003	Side View of Trash on Slope
004	Discarded Appliance and Debris
005	Discarded Appliance, Mattresses and Wood
006	Junk Cars to be Removed
007	Manual Cleanup Effort of Discarded Trash
008	Crew Inspecting Trash for Insects and Scorpions
009	Discarded Materials Being Staged for Removal
010	Small Cart Utilized to Move Trash
011	Loaded Cart Hauled to Top of Slope
012	Trash Removal from Roadside
013	Trash Pickup Below Roadside
014	Staged Rolloff for "Resident" Utilization During Removal Operations
015	Six Car Batteries Removed and then Securely Packaged
016	Securely Packaged Car Batteries
017 UST	Cataraman Shuttle for Crew
018	View from Landing Craft Unit Utilized to Deploy Equipment
019	Vacuum Truck Mobilized
020	UST Location by Building 2015
021	Electrical Disconnect for Fuel Dispensers
022	Excavator Staged in Preparation for Removal Activities
023	Vacuum Tanker Removing Existing Fuel Product
024	Concrete Breaking and Removal Activities
025	Concrete Slab Removal
026	Fiberglass UST Removal
027	Exhumed Tank
028	Tank Vent Cut and Grouted
029	Backfilling
030	Backfilling
031	Restoration Completed
032 Wells	Typical "Jungle Like" Conditions that Challenged the Locating Task
033	Heavy Vines Cover Barely Visible Block Building
034	Heavy Brush & Vines Near Well Location
035	GPS Crew During Location Efforts
036	Existing Structure Housing One of the Wells
037	Manually Cleared Path to Well Location
038	Brush Hog Tractor Supported the Clearing Efforts
039	Cleared Path for Well Closure Equipment (Yellow Tank)

040	Bee Keeper Removing Hive Located in one of the Wells
041	Well Closure Equipment in Operation
042	Typical Well
043	Well # 1 Closed
044	Well # 2
045	Well # 3
046	Well # 5
047	Well # 6
048	Well # 7
049	Well # 8
050	Well # 9
051	Well # 10
052	Well # 11
053	Well # 12
054	Well # 13
055	Well # 14

APPENDIX C

## **Photo-documentation of Closure Activities**

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Picture #1: Hydraulic hammer breaking up concrete prior to excavation. View is southeast of Building 2015.



Picture #2: Hydraulic hammer breaking up concrete prior to excavation. View is west of Building 2015.



Picture #3: Excavation of Diesel tank. View from southeast side of Building 2015.



Picture #4: Excavation of Mogas (gasoline) tank. View from west side of Building 2015.



Picture #5: Full excavation of UST site. View from west side of Building 2015.



Picture #6: Full excavation of UST site without concrete debris. View from eastside of Building 2015.



Picture #7: Photo of excavated gasoline tank.



Picture #8: Photo of crushed gasoline tank ready for disposal.



Picture#9: Staged soil prior to backfilling activities. View from westside of Building 2015.



Picture#10: Staged soil (small stockpile) prior to backfilling activities. View from southwest side of Building 2015.



Picture#11: Staged soil (large stockpile) prior to backfilling activities. View from east side of Building 2015.

APPENDIX D

# Photo-documentation of Sample Collection Locations

---

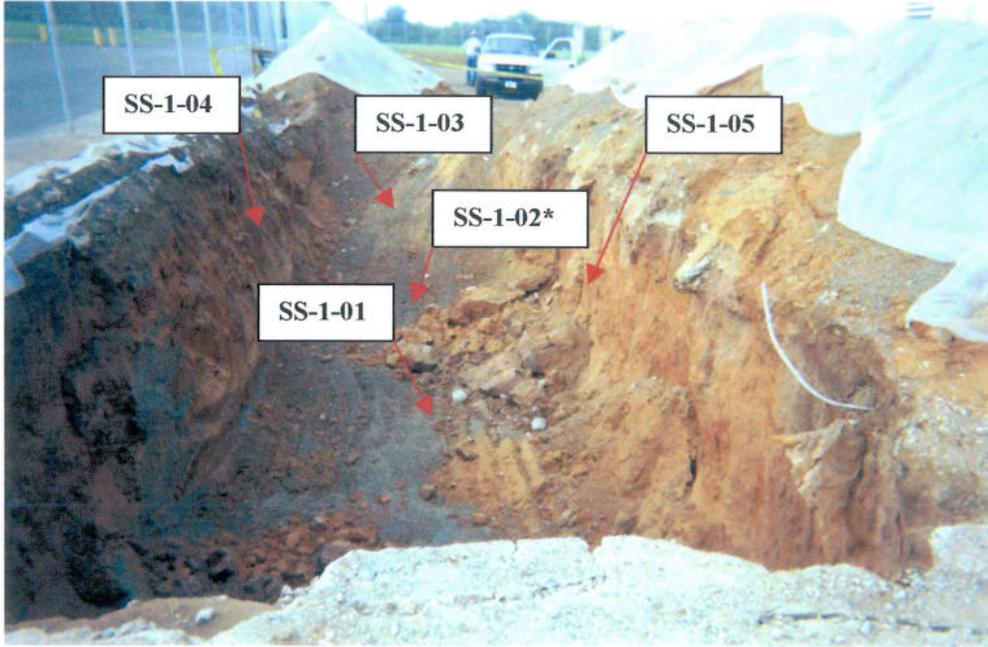


Photo #1: Sample locations for Diesel tank. View is southwest of Building 2015.  
Note: Asterisk denotes locations where field duplicates were taken.

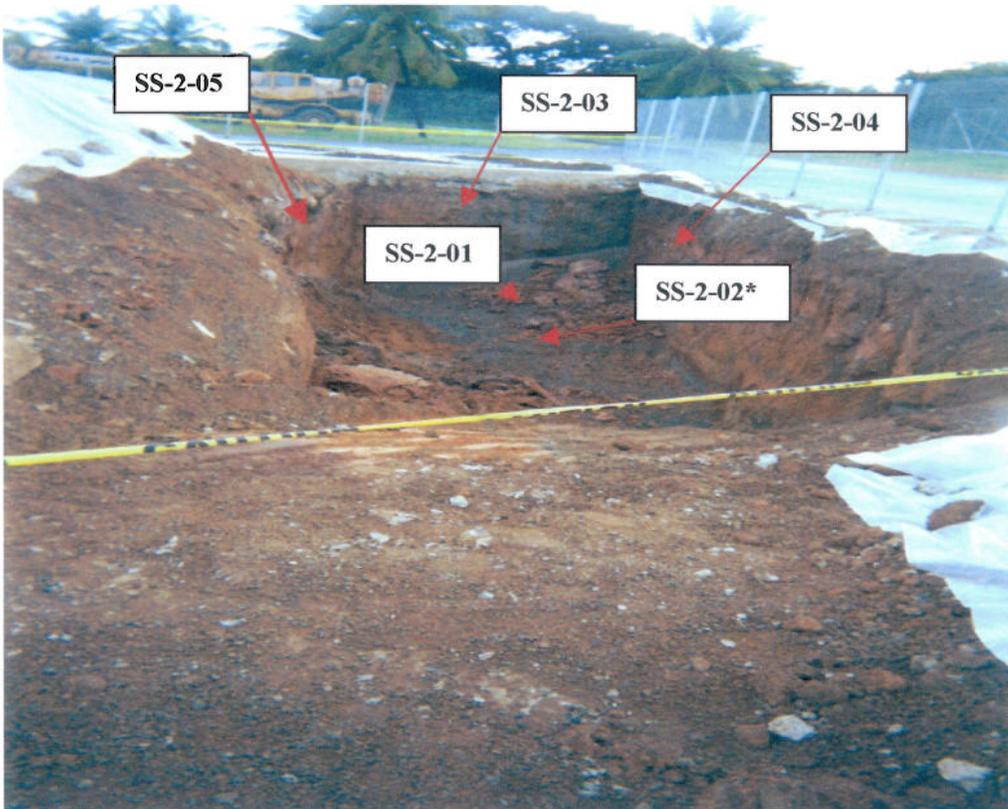


Photo #2: Sample locations for Mogas tank. View is southeast of Building 2015.  
Note: Asterisk denotes locations where field duplicates were taken.



Photo #3: Sample locations taken at the large stockpile. View is southwest of Building 2015.



Photo #4: Sample locations taken at the large stockpile. View is southeast of Building 2015.



Photo #5: Sample locations taken at the small stockpile. View is southwest of Building 2015.

APPENDIX E

## **Copy of the Chain-of-Custody Form**

---

# VIEQUES NASD

## CH2M HILL

### Chain of Custody Form

COC Number: SS-160403.FI.ZZ Project: VIEQUES NASD SITE INVESTIGATION Kit Request ID: TransGlobal Geochemistry

Laboratory Coordinator: KEVIN SANDERS Lab: TransGlobal Geochemistry

Sample ID	Station ID	Date & Time Collected	Matrix	Number of Containers	Analysis Requested	Comments
SS-1-01	SS-1-01	12/19/00 10:15	SO	1	BTEX_S2, GRO_S2	
SS-1-02	SS-1-02	12/19/00 10:20	SO	1	BTEX_S2, GRO_S2	
SS-1-03	SS-1-03	12/19/00 10:45	SO	1	BTEX_S2, GRO_S2	
SS-1-04	SS-1-04	12/19/00 10:50	SO	1	BTEX_S2, GRO_S2	
SS-1-05	SS-1-05	12/19/00 10:55	SO	1	BTEX_S2, GRO_S2	
SS-1-06	SS-1-06	12/19/00 11:10	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-1-07	SS-1-07	12/19/00 11:15	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-1-08	SS-1-08		SO	1	BTEX_S2, GRO_S2	Sample ID not used
SS-1-02FD1	SS-1-02	12/19/00 10:20	SO	1	BTEX_S2, GRO_S2	
SS-1-09	SS-1-09		SO	1	BTEX_S2, DRO_S2, GRO_S2	Sample ID not used
SS-2-01	SS-2-01	12/19/00 09:55	SO	1	BTEX_S2, DRO_S2	
SS-2-02	SS-2-02	12/19/00 10:00	SO	1	BTEX_S2, DRO_S2	
SS-2-03	SS-2-03	12/19/00 10:30	SO	1	BTEX_S2, DRO_S2	
SS-2-04	SS-2-04	12/19/00 10:35	SO	1	BTEX_S2, DRO_S2	
SS-2-05	SS-2-05	12/19/00 10:40	SO	1	BTEX_S2, DRO_S2	
SS-2-06	SS-2-06	12/19/00 11:30	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-2-07	SS-2-07	12/19/00 11:40	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-2-08	SS-2-08	12/19/00 11:45	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-2-02FD1	SS-2-02	12/19/00 10:00	SO	1	BTEX_S2, DRO_S2	
SS-2-09	SS-2-09	12/19/00 11:50	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-AB1	FIELDQC	12/19/00 10:55	WQ	3	BTEX_W	
SS-TB1	FIELDQC	12/19/00 06:40	WQ	3	BTEX_W	
SS-EB1	FIELDQC	12/19/00 06:45	WQ	3	BTEX_W, DRO_W, GRO_W	

Sampled By: [Signature] Date / Time: 12-19-00 1500 Relinquished By: [Signature] Date / Time: 12-20-00 1200

Shipped Via: UPS FedEx Hand Custody Seal: Y / N Relinquished By: [Signature] Date / Time: 12-20-00 1200

Received By: [Signature] Date / Time: 12-19-00 1500 Cooler Temp: 1500

Received By: [Signature] Date / Time: 12-19-00 1500 Cooler Temp: 1500

Remarks: PICKED UP @ ISLA GRANDE AIRPORT BY TEG.

APPENDIX F

## Laboratory Analytical Data

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## LABORATORY QA/QC

CH2M HILL

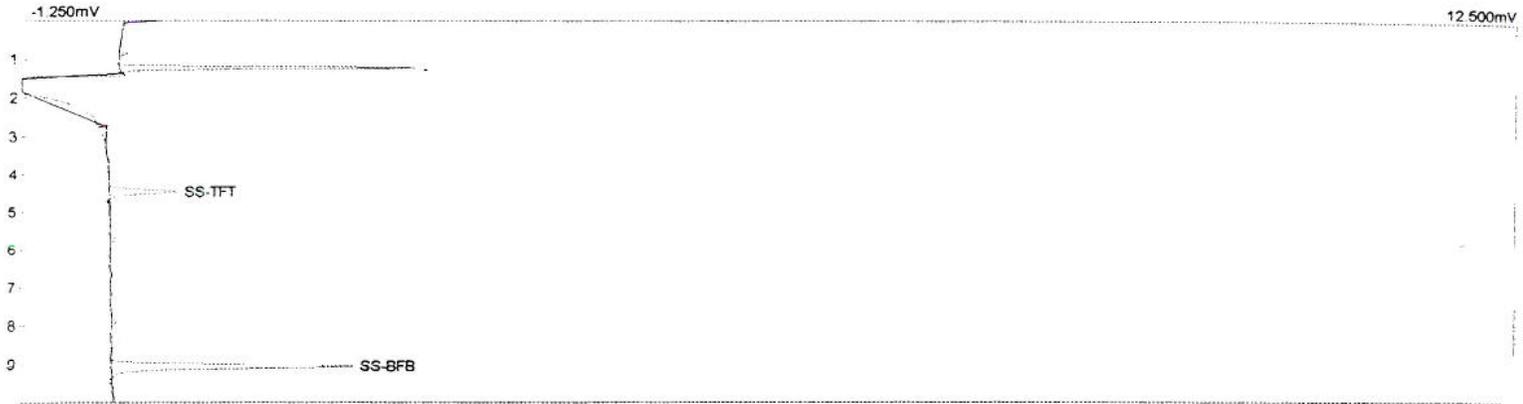
TEG Project #0011220CH2

### BTEX (Mod. EPA Method 8020A) ANALYSES OF SOIL

SAMPLE NUMBER	DATE ANALYZED	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
SS - 1 - 03	12/21/00	ND	ND	ND	ND
SS - 1 - 03 REP	12/21/00	ND	ND	ND	ND
SS - 2 - 07	12/21/00	ND	ND	ND	ND
SS - 2 - 07 REP	12/21/00	ND	ND	ND	ND
DETECTION LIMIT (mg/Kg)		0.05	0.05	0.05	0.15

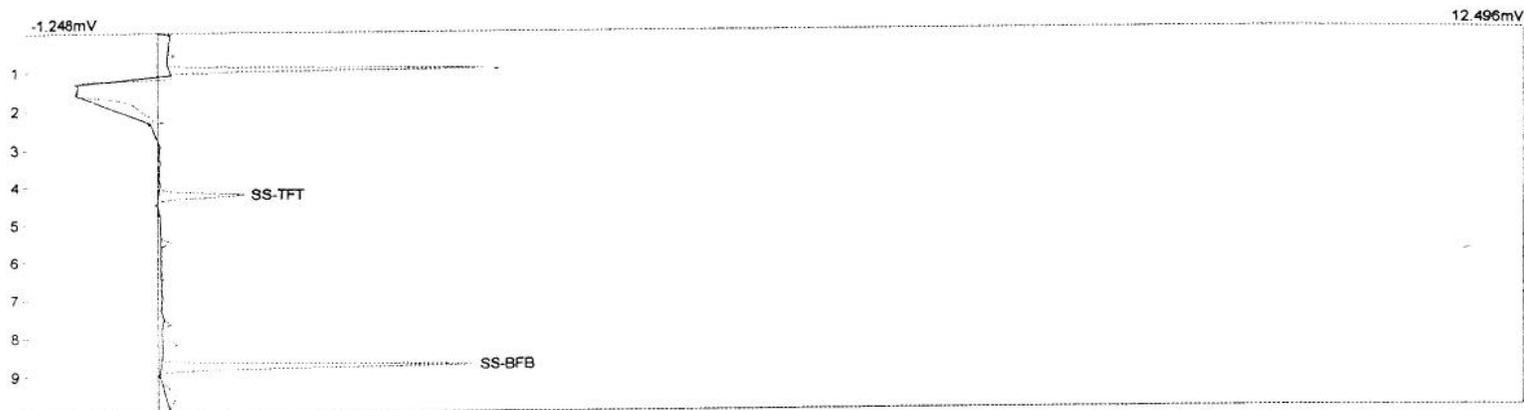
"ND" INDICATES ANALYTE NOT DETECTED AT OR ABOVE THE LISTED DETECTION LIMIT  
mg/Kg = MILLIGRAMS PER KILOGRAM  
ANALYSES PERFORMED BY: MARCO A. PEDRAZA  
DATA REVIEWED BY: JOSÉ MIGUEL PÉREZ DÍEZ  
REP = LABORATORY REPLICATE

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 11:09:58  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa5.CHR ()  
 Sample: SS-1-01/1220CH2  
 Operator: MP



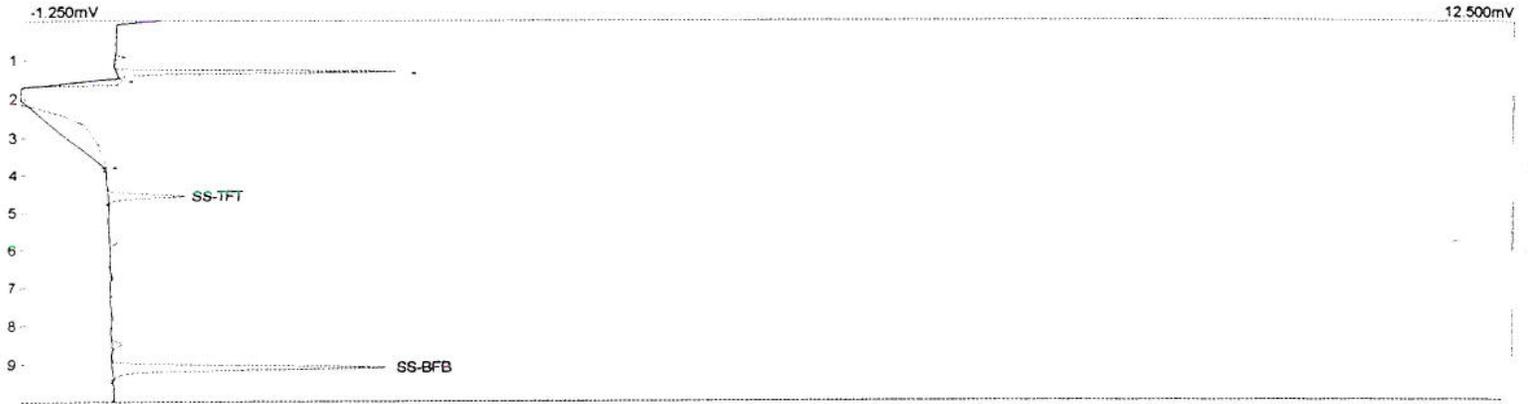
Component	Retention	Area	Internal	External	Units
SS-TFT	4.433	4.984	4.9840	4.98	ppm
SS-BFB	9.033	17.784	5.5575	5.56	ppm
		22.768	10.5415	10.54	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 11:09:58  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb5.chr ()  
 Sample: SS-1-02/1220CH2  
 Operator: MP



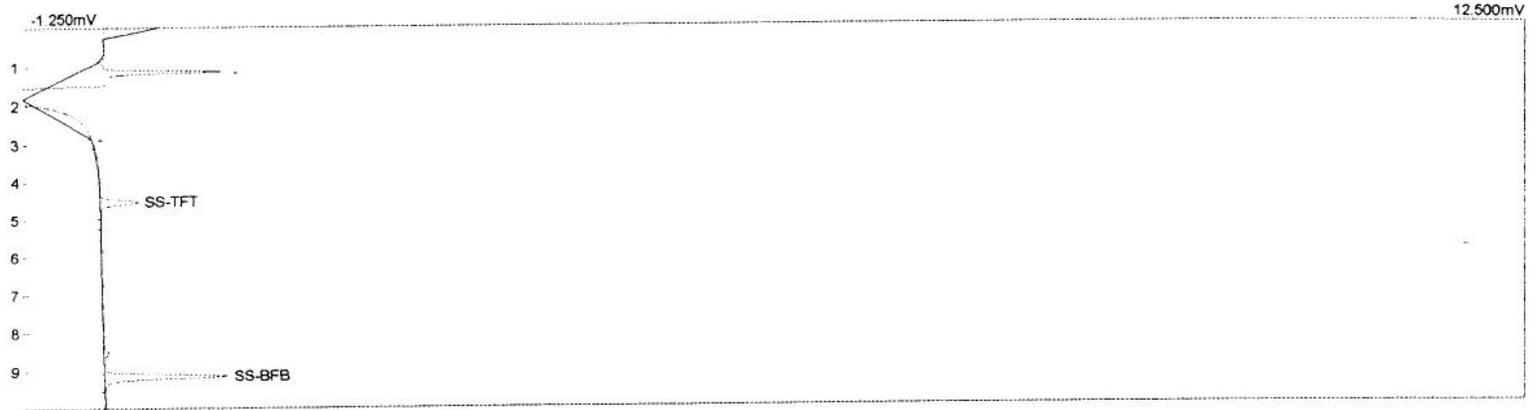
Component	Retention	Area	Internal	External	Units
.S-TFT	4.233	6.548	3.3408	3.34	ppm
.S-BFB	8.750	21.917	3.7274	3.73	ppm
		28.465	7.0682	7.07	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 11:43:38  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa6.CHR ()  
 Sample: SS-1-03/1220CH2  
 Operator: MP



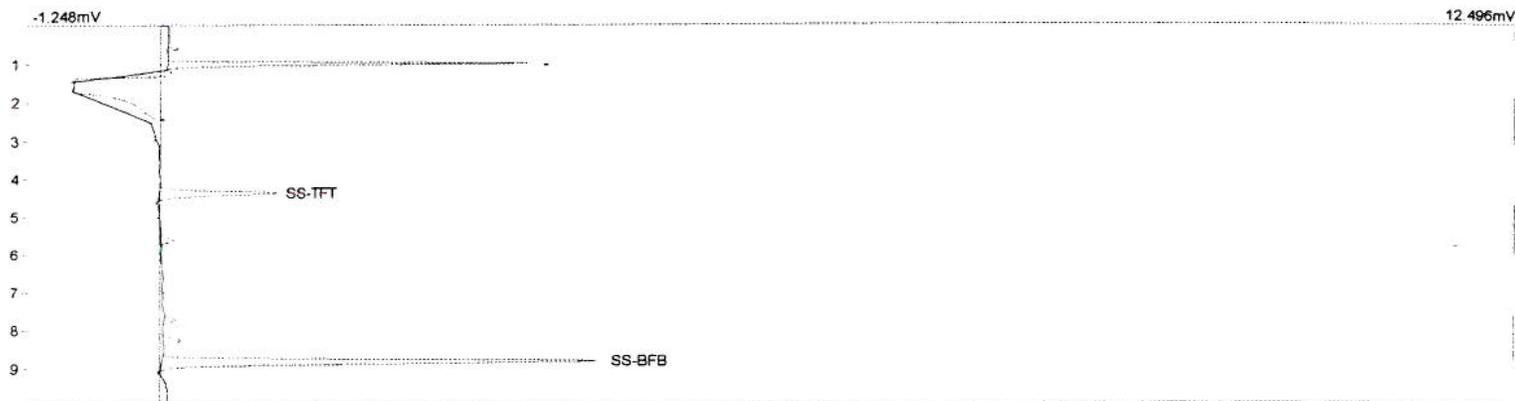
Component	Retention	Area	Internal	External	Units
SS-TFT	4.550	5.592	5.5920	5.59	ppm
SS-BFB	9.083	20.485	6.4016	6.40	ppm
		26.077	11.9936	11.99	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 15:43:36  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa16.CHR ()  
 Sample: SS-1-03/1220CH2 REP  
 Operator: MP



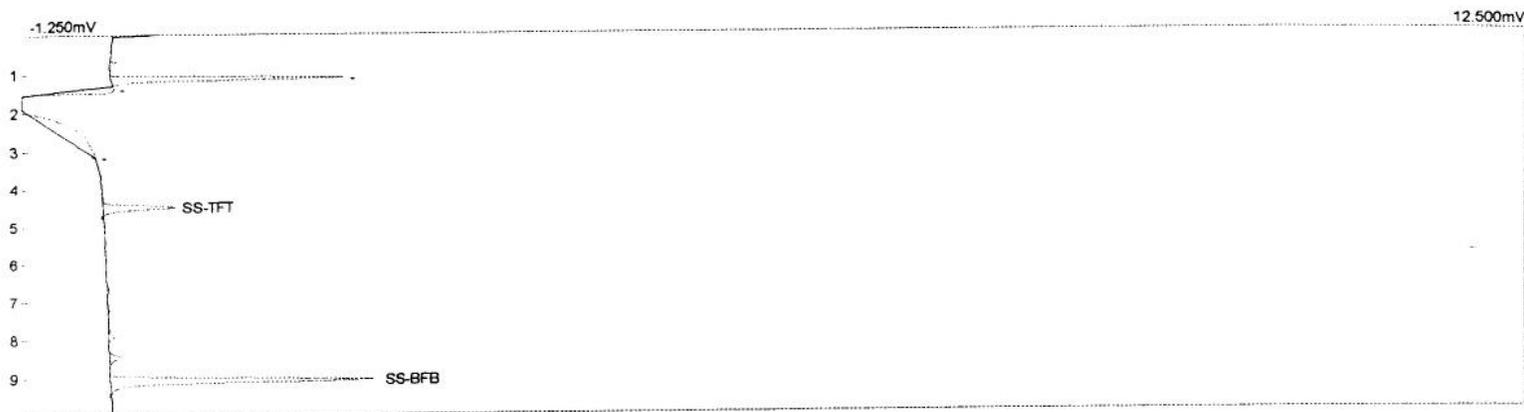
Component	Retention	Area	Internal	External	Units
S-TFT	4.516	3.006	3.0060	3.01	ppm
S-BFB	9.133	9.175	2.8672	2.87	ppm
		12.181	5.8732	5.87	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 11:43:38  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb6.chr ()  
 Sample: SS-1-04/1220CH2  
 Operator: MP



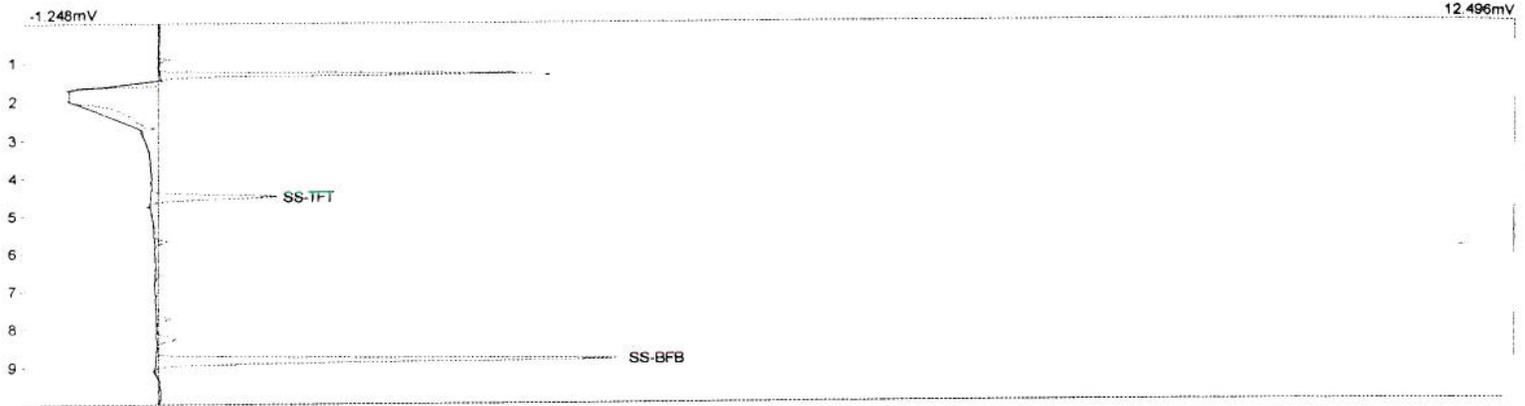
Component	Retention	Area	Internal	External	Units
SS-TFT	4.366	8.930	4.5561	4.56	ppm
SS-BFB	8.833	31.024	5.2762	5.28	ppm
		39.954	9.8323	9.83	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 11:56:26  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa7.CHR ()  
 Sample: SS-1-05/1220CH2  
 Operator: MP



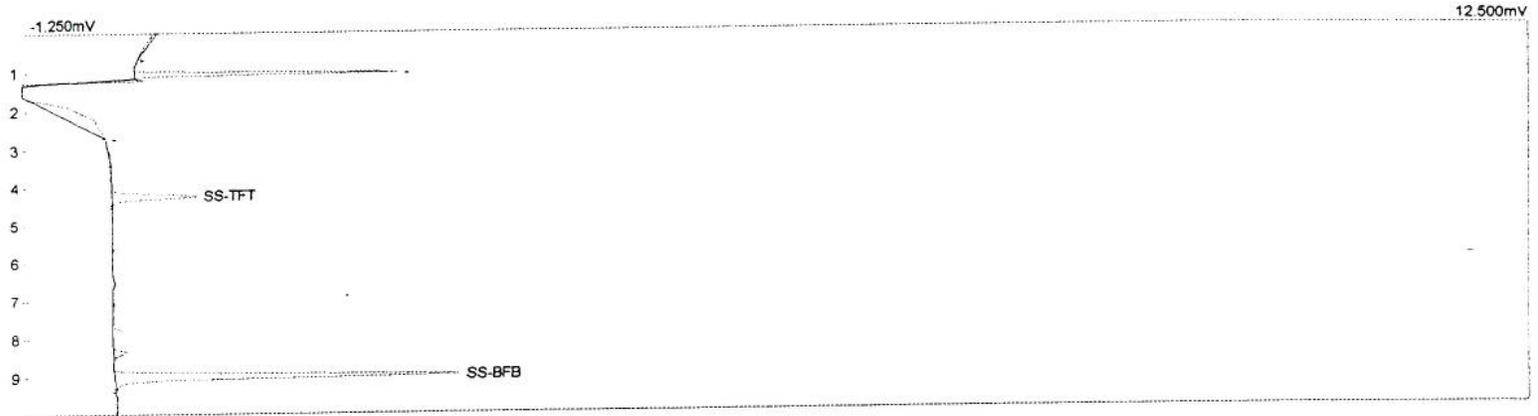
Component	Retention	Area	Internal	External	Units
S-TFT	4.500	5.256	5.2560	5.26	ppm
S-BFB	9.066	19.315	6.0359	6.04	ppm
		24.571	11.2919	11.29	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 11:56:26  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb7.chr ()  
 Sample: SS-1-06/1220CH2  
 Operator: MP



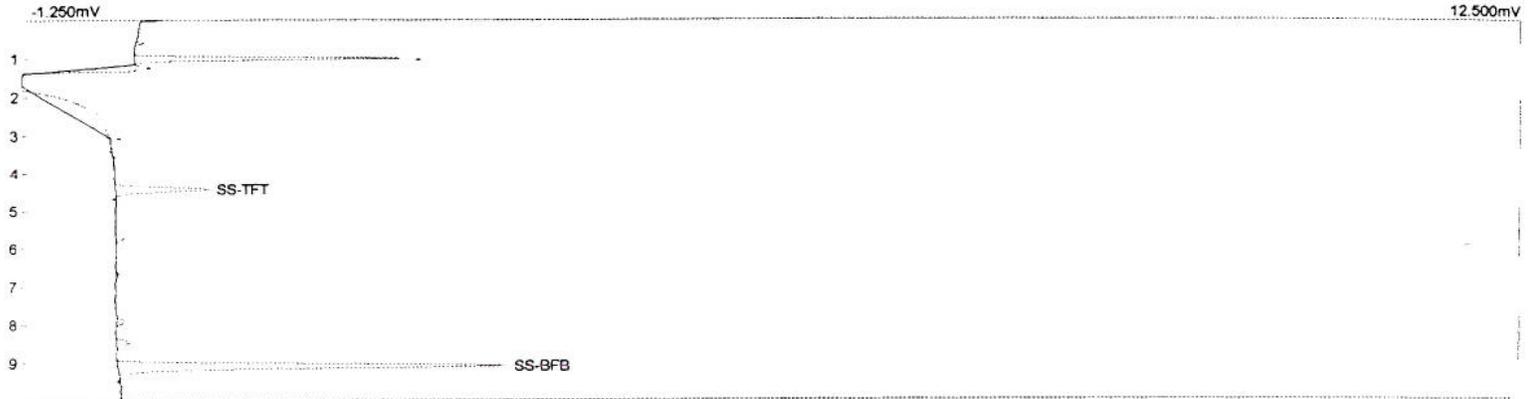
Component	Retention	Area	Internal	External	Units
SS-TFT	4.500	9.141	4.6638	4.66	ppm
SS-BFB	8.833	32.508	5.5286	5.53	ppm
		41.649	10.1923	10.19	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 12:13:02  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa8.CHR ()  
 Sample: SS-1-07/1220CH2  
 Operator: MP



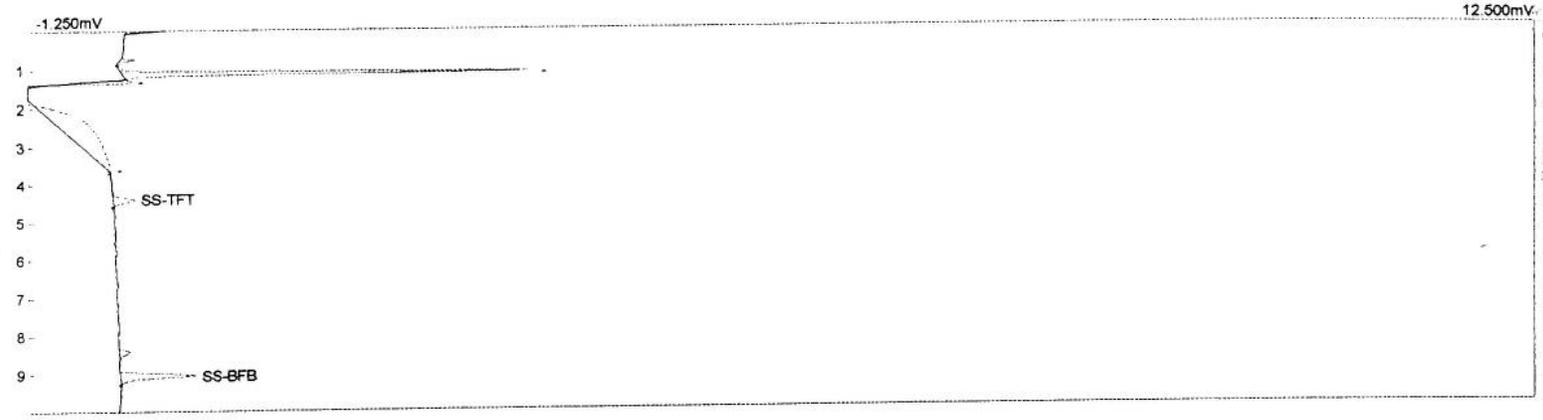
Component	Retention	Area	Internal	External	Units
S-TFT	4.233	6.527	6.5270	6.53	ppm
S-BFB	8.983	25.247	7.8897	7.89	ppm
		31.774	14.4167	14.42	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 12:37:15  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa9.CHR ()  
 Sample: SS-1-02FD1/1220CH2  
 Operator: MP



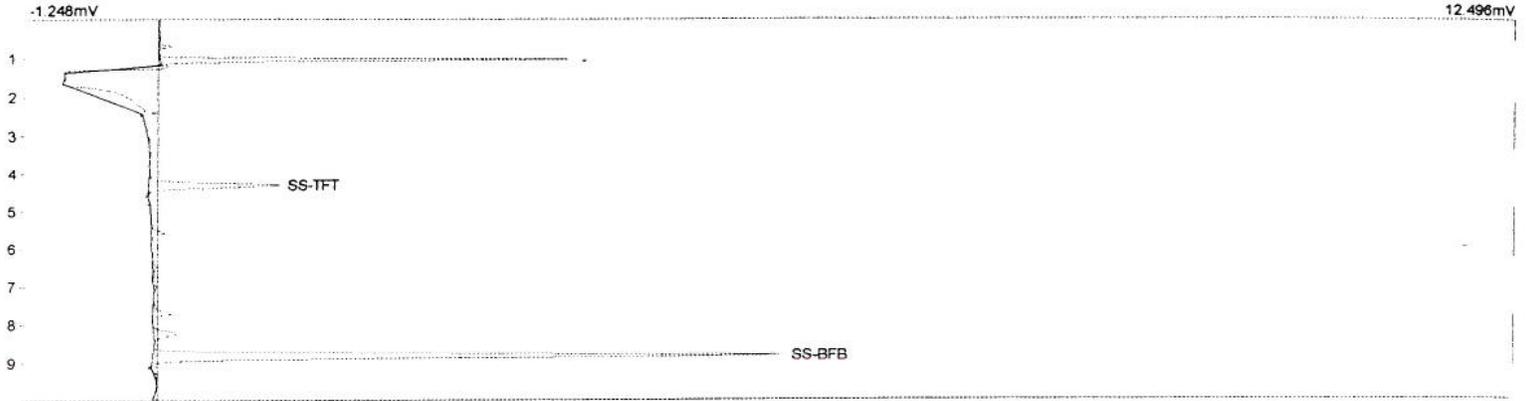
Component	Retention	Area	Internal	External	Units
SS-TFT	4.416	6.954	6.9540	6.95	ppm
SS-BFB	9.083	29.548	9.2338	9.23	ppm
		36.502	16.1878	16.19	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 12:51:39  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa10.CHR ()  
 Sample: SS-2-01/1220CH2  
 Operator: MP



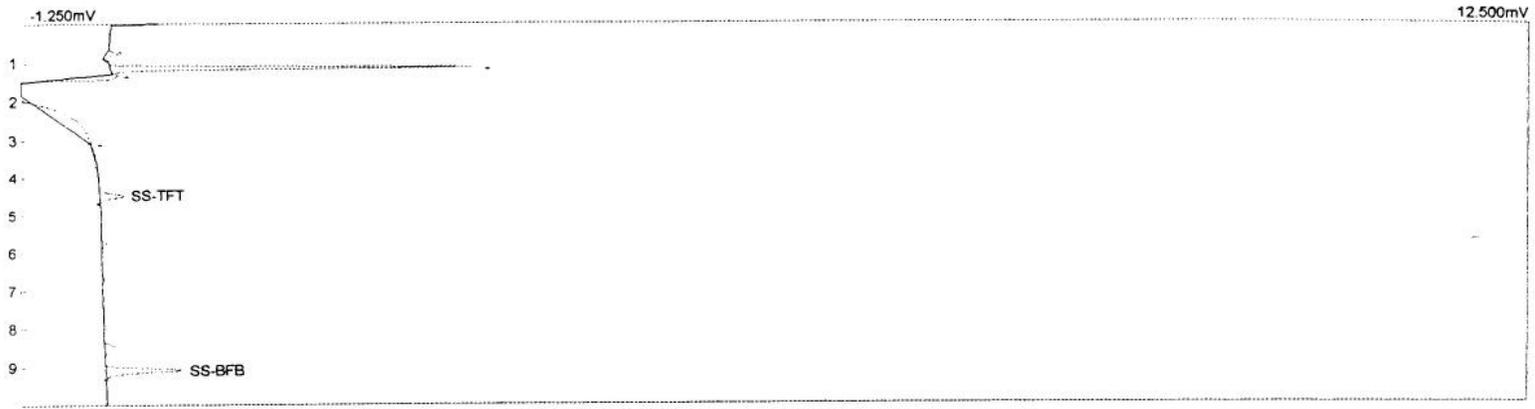
Component	Retention	Area	Internal	External	Units
S-TFT	4.400	1.648	1.6480	1.65	ppm
S-BFB	9.050	5.376	1.6800	1.68	ppm
		7.024	3.3280	3.33	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 12:51:39  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb10.chr ()  
 Sample: SS-2-02/1220CH2  
 Operator: MP



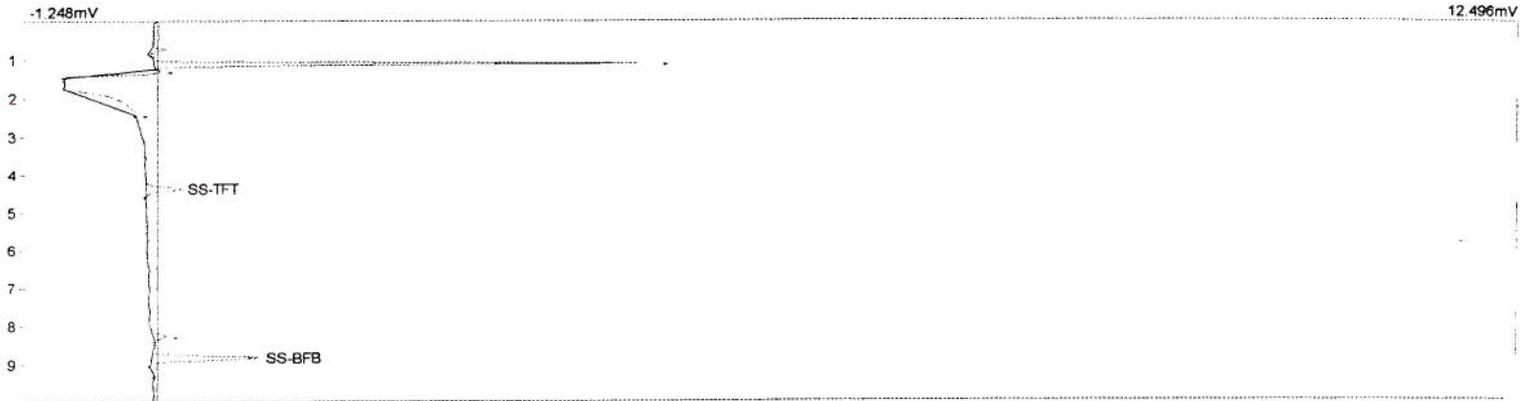
Component	Retention	Area	Internal	External	Units
SS-TFT	4.300	10.140	5.1735	5.17	ppm
SS-BFB	8.816	44.892	7.6347	7.63	ppm
		55.032	12.8082	12.81	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 13:02:51  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa11.CHR ()  
 Sample: SS-2-03/1220CH2  
 Operator: MP



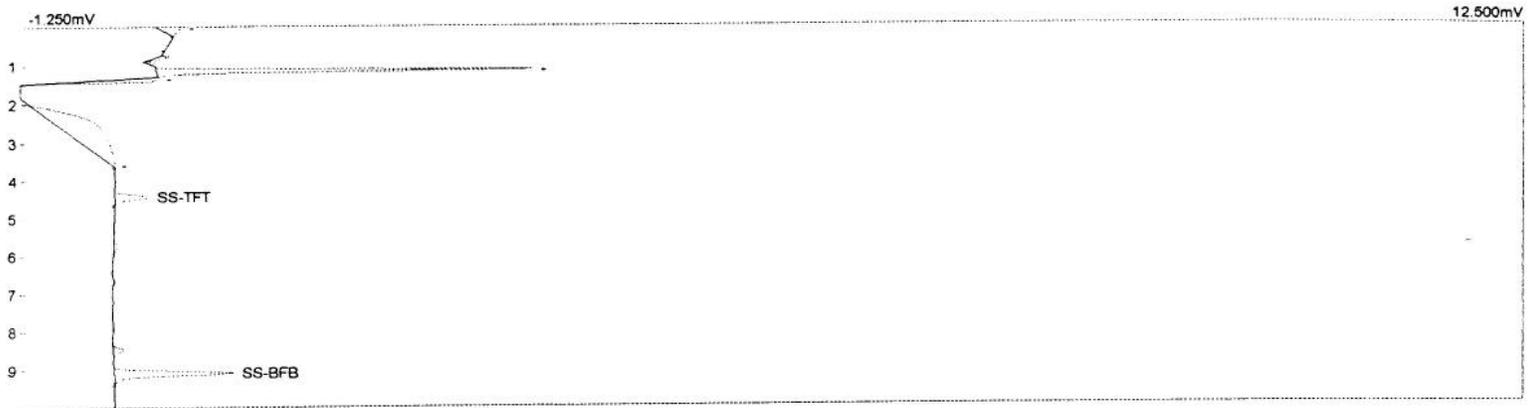
Component	Retention	Area	Internal	External	Units
SS-TFT	4.466	1.870	1.8700	1.87	ppm
SS-BFB	9.083	5.550	1.7344	1.73	ppm
		7.420	3.6044	3.60	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 13:02:51  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb11.chr ()  
 Sample: SS-2-04/1220CH2  
 Operator: MP



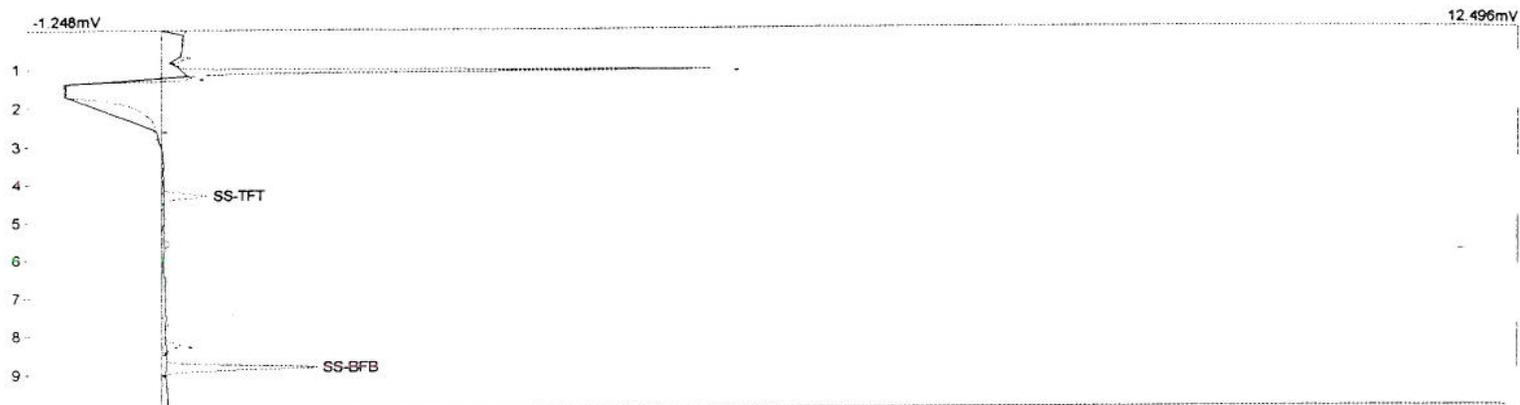
Component	Retention	Area	Internal	External	Units
SS-TFT	4.366	2.574	1.3133	1.31	ppm
SS-BFB	8.833	7.358	1.2514	1.25	ppm
		9.932	2.5646	2.56	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 13:23:50  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa12.CHR ()  
 Sample: SS-2-05/1220CH2  
 Operator: MP



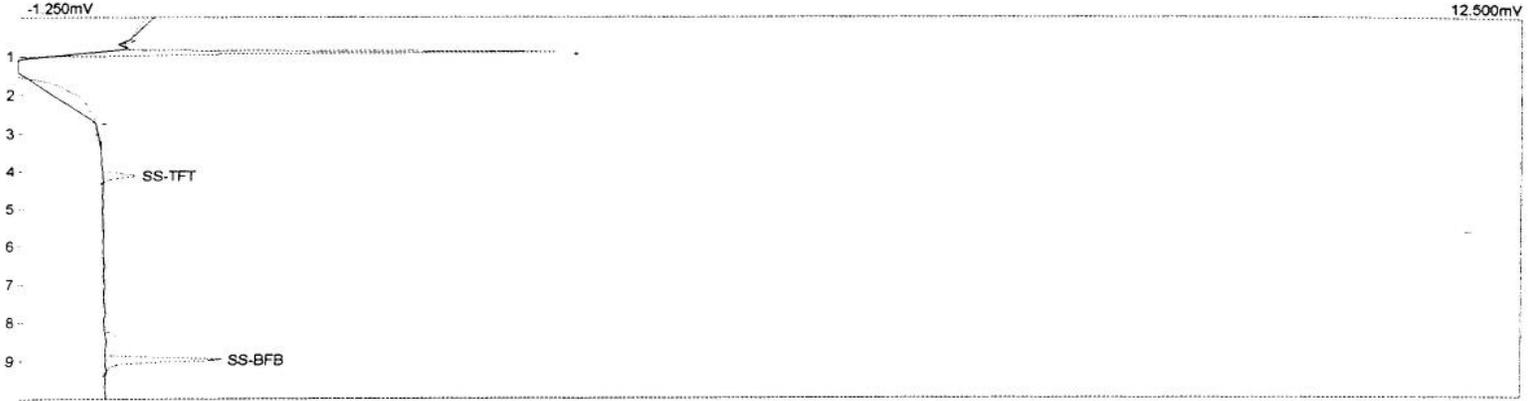
Component	Retention	Area	Internal	External	Units
S-TFT	4.416	2.796	2.7960	2.80	ppm
S-BFB	9.083	8.906	2.7831	2.78	ppm
		11.702	5.5791	5.58	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 13:23:50  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb12.chr ()  
 Sample: SS-2-06/1220CH2  
 Operator: MP



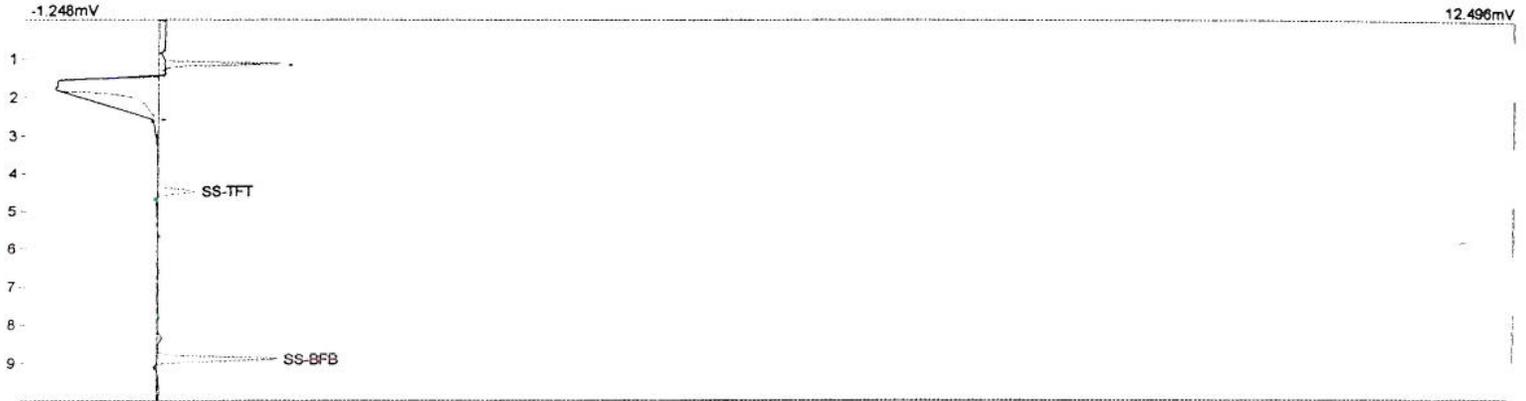
Component	Retention	Area	Internal	External	Units
SS-TFT	4.300	3.279	1.6730	1.67	ppm
SS-BFB	8.816	10.702	1.8201	1.82	ppm
		13.981	3.4930	3.49	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 13:40:01  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 1 - CHANNEL 1  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pa13.CHR ()  
 Sample: SS-2-07/1220CH2  
 Operator: MP



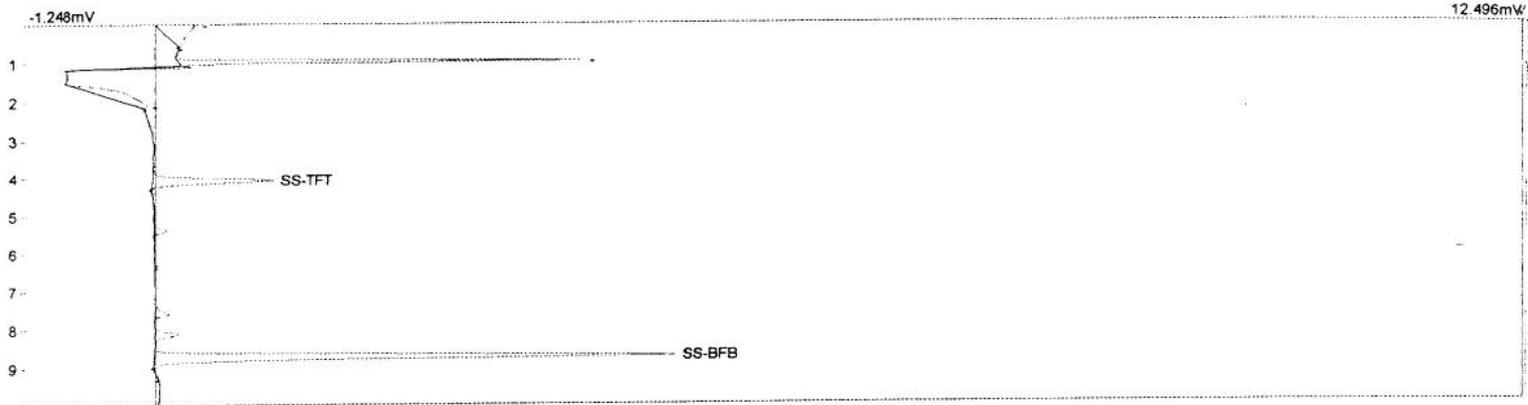
Component	Retention	Area	Internal	External	Units
3-TFT	4.116	2.602	2.6020	2.60	ppm
3-BFB	8.966	8.762	2.7381	2.74	ppm
		11.364	5.3401	5.34	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 15:28:36  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb15.CHR ()  
 Sample: SS-2-07/1220CH2 REP  
 Operator: MP



Component	Retention	Area	Internal	External	Units
SS-TFT	4.466	2.702	1.3786	1.38	ppm
SS-BFB	8.883	8.105	1.3784	1.38	ppm
		10.807	2.7570	2.76	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 12:13:02  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb8.chr ()  
 Sample: SS-2-08/1220CH2  
 Operator: MP



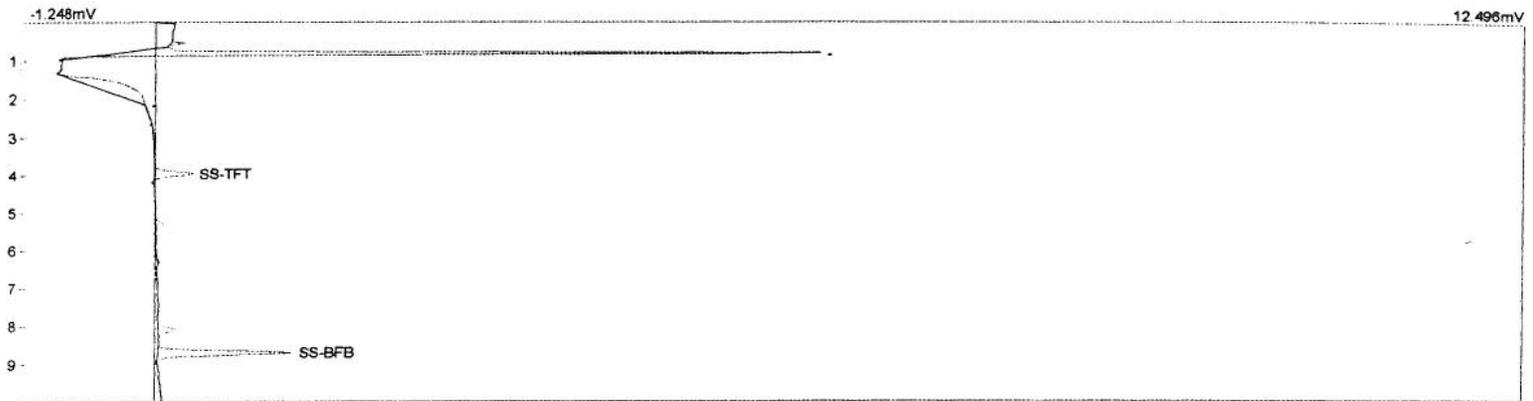
Component	Retention	Area	Internal	External	Units
SS-TFT	4.066	9.932	5.0673	5.07	ppm
SS-BFB	8.716	37.381	6.3573	6.36	ppm
		47.313	11.4247	11.42	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 12:37:15  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb9.chr ()  
 Sample: SS-2-02FD1/1220CH2  
 Operator: MP



Component	Retention	Area	Internal	External	Units
SS-TFT	4.366	8.664	4.4204	4.42	ppm
SS-BFB	8.833	34.995	5.9515	5.95	ppm
		43.659	10.3719	10.37	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 13:40:01  
 Method: EPA 8020A mod.  
 Lab ID: GC-2  
 Description: PID 2 - CHANNEL 2  
 Column: Rtx-5,30m,5.0um,0.53mm  
 Carrier: N2  
 Data file: 1221pb13.chr ()  
 Sample: SS-2-09/1220CH2  
 Operator: MP



Component	Retention	Area	Internal	External	Units
S-TFT	3.950	3.116	1.5898	1.59	ppm
S-BFB	8.700	9.624	1.6367	1.64	ppm
		12.740	3.2265	3.23	



QA/QC REPORT - CALIBRATION DATA

TEG Project #0011220CH2  
 DAILY CALIBRATION DATE: 12/21/00  
 CH2M HILL PROJECT NO. 160403.FI.ZZ  
 PROJECT NAME: VIEQUES NASD SITE, VIEQUES

COMPOUND	DETECTOR	CALIB RANGE	INITIAL		OPENING		CLOSING		
			RF	%RSD	AREA	RF	%DIFF	AREA	RF
BENZENE	PID - GC3	1-100	40	12.1%	801.93	40.10	1399.24	39.98	0.5%
TOLUENE	PID - GC3	1-100	40	13.2%	794.75	39.74	1421.06	40.60	2.6%
ETHYLBENZENE	PID - GC3	1-100	28	12.9%	563.44	28.17	1046.35	29.90	6.1%
m&p-XYLENES	PID - GC3	2-200	48	14.9%	1939.02	48.48	3322.05	47.46	1.8%
o-XYLENES	PID - GC3	1-100	34	15.9%	732.06	36.60	1257.44	35.93	7.1%

CALIB RANGE - RANGE OF CALIBRATION CURVE IN ppb

INITIAL RF - AVERAGE RESPONSE FACTOR FROM MULTIPOINT CALIBRATION CURVE

% RSD - LINEARITY OF MULTIPOINT CALIBRATION CURVE (+/- 20% ACCEPTABLE LIMITS)

AREA - AREA COUNTS FROM DAILY CALIBRATION STANDARD

RF - DETECTOR RESPONSE FACTOR FROM MID-POINT CALIBRATION STANDARD

% DIFF - DIFFERENCE, IN PERCENT, BETWEEN THE AVERAGE RF AND THE OPENING OR CLOSING RF (+/- 20% ACCEPTABLE LIMITS)

OPENING - MID-POINT CALIBRATION STANDARD ANALYZED BEFORE SAMPLE ANALYSES BEGIN

CLOSING - MID-POINT CALIBRATION STANDARD ANALYZED AFTER SAMPLE ANALYSES ARE COMPLETE

ANALYSES PERFORMED BY: JOSÉ MIGUEL PÉREZ DÍEZ  
 DATA REVIEWED BY: MARCO A. PEDRAZA



**QA/QC REPORT - MS/MSD DATA**

**MATRIX SPIKE (MS)/MATRIX SPIKE DUPLICATE (MSD)**

TEG Project #0011220CH2  
 DATE: 12/21/00

CH2M HILL PROJECT NO. 160403.FI.ZZ  
 PROJECT NAME: VIEQUES NASD SITE, VIEQUES

COMPOUND	SPK CONC MS CONC (ppb)	%REC MS CONC (ppb)	MSD CONC (ppb)	%REC MSD	RPD	ACCEPTABLE	RPD	ACCEPTABLE	RECOVERY
BENZENE	20.0	22.9	21.9	114%	4%	110%	20%	20%	64% - 126%
TOLUENE	20.0	23.4	22.7	117%	3%	113%	20%	20%	77% - 124%
ETHYLBENZENE	20.0	22.2	21.4	111%	4%	107%	20%	20%	58% - 126%
TOTAL XYLENES	60.0	73.7	71.0	123%	4%	118%	20%	20%	81% - 131%

ppb = PARTS PER BILLION

MS CONC - ANALYZED CONCENTRATION OF SPIKED SAMPLE

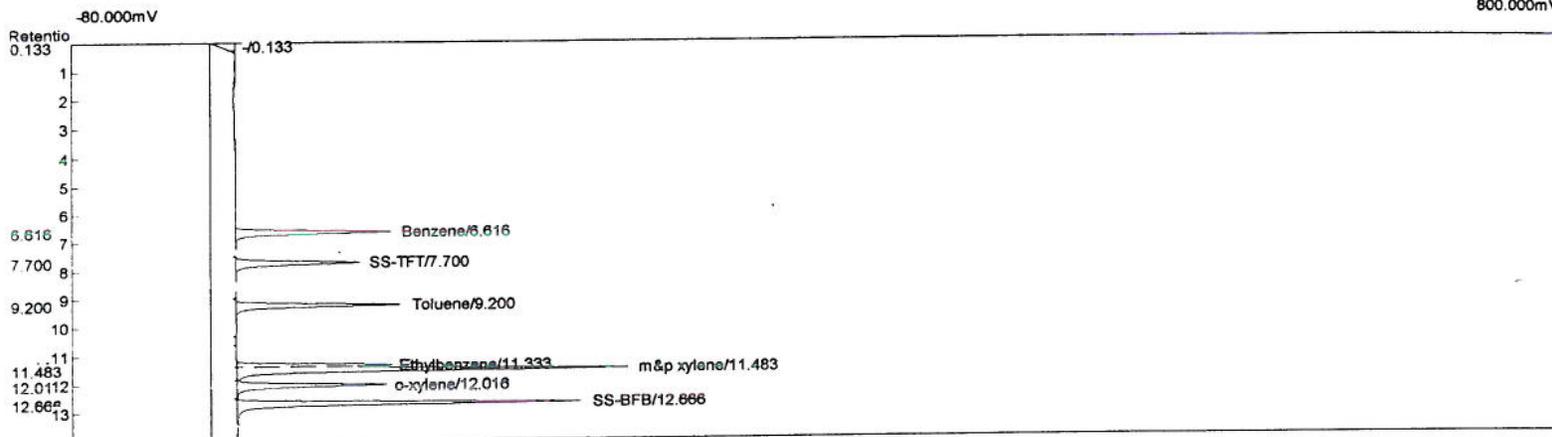
% REC - PERCENT RECOVERY OF SPIKE FROM MATRIX

RPD - RELATIVE PERCENT DIFFERENCE BETWEEN MATRIX SPIKE AND MATRIX SPIKE DUPLICATE RECOVERIES

ANALYSES PERFORMED BY: JOSÉ MIGUEL PÉREZ DÍEZ  
 DATA REVIEWED BY: MARCO A. PEDRAZA

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 09:27:47  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rbx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P2.CHR ()  
 Sample: 20 ppb BTEX Open  
 Operator: jmp

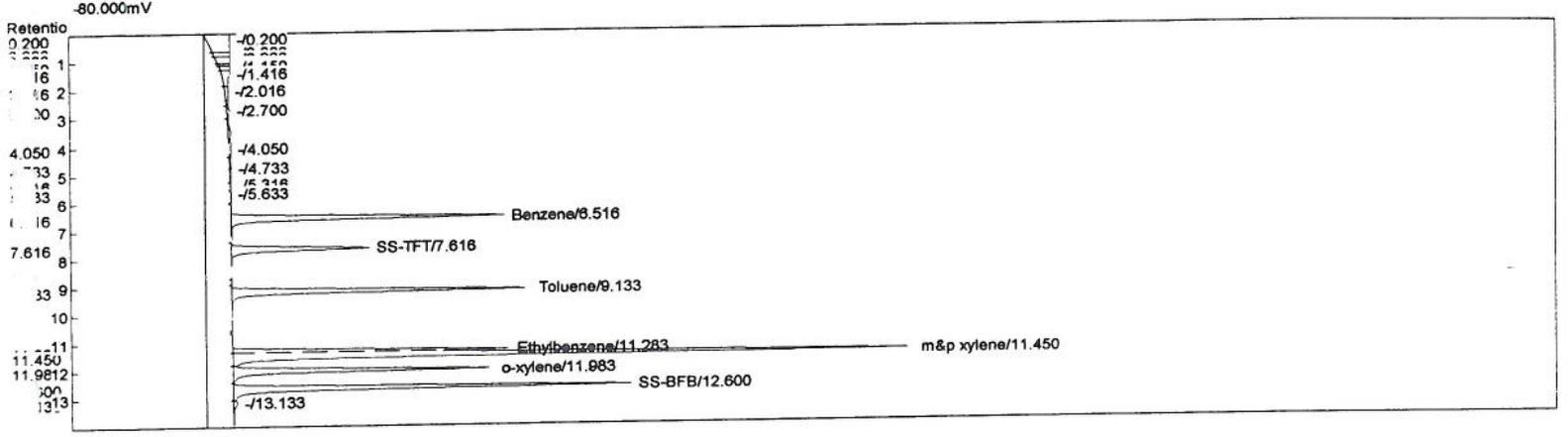
800.000mV



Component	Retention	Area	External	Internal	Units
Benzene	6.616	801.933	19.96	19.9635	ppb
SS-TFT	7.700	671.977	41.29	41.2915	ppb
Toluene	9.200	794.745	20.09	20.0896	ppb
Ethylbenzene	11.333	563.441	20.00	20.0015	ppb
m&p xylene	11.483	1939.016	40.12	40.1203	ppb
o-xylene	12.016	732.062	21.81	21.8135	ppb
SS-BFB	12.666	1630.620	58.34	58.3427	ppb
		7133.794	221.62	221.6226	

Lab name: eg-1-2000-100  
 Analysis date: 12/21/2000 17:03:44  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rtx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P23.CHR ()  
 Sample: 35 ppb BTEX Close  
 Operator: jmp

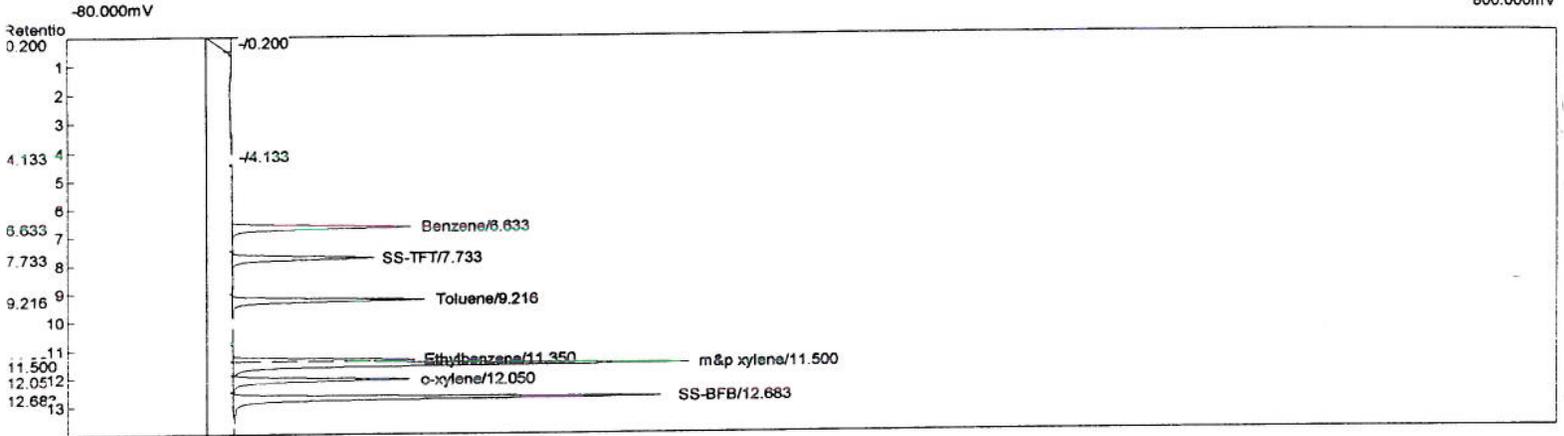
800.000mV



Component	Retention	Area	External	Internal	Units
Benzene	6.516	1399.239	34.83	34.8329	ppb
SS-TFT	7.616	747.896	45.96	45.9565	ppb
Toluene	9.133	1421.061	35.92	35.9217	ppb
Ethylbenzene	11.283	1046.353	37.14	37.1442	ppb
m&p xylene	11.450	3322.049	68.74	68.7368	ppb
o-xylene	11.983	1257.438	37.47	37.4684	ppb
SS-BFB	12.600	1835.128	65.66	65.6599	ppb
		11029.164	325.72	325.7203	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 09:46:28  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rtx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P3.CHR ()  
 Sample: blk matrix spike  
 Operator: jmp

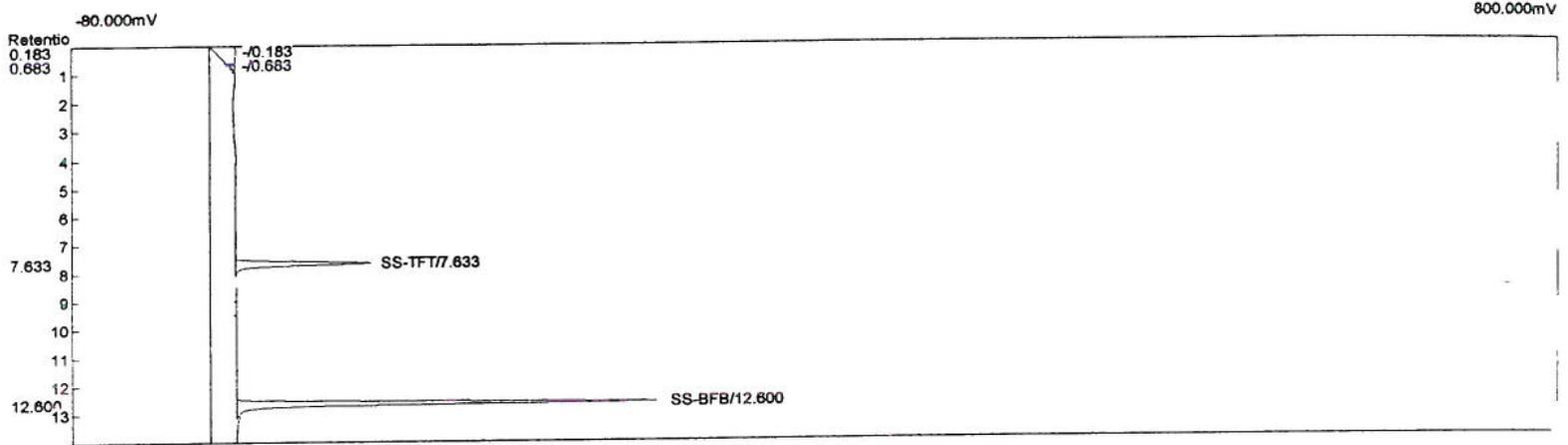
800.000mV



Component	Retention	Area	External	Internal	Units
Benzene	6.633	919.503	22.89	22.8903	ppb
SS-TFT	7.733	764.250	46.96	46.9614	ppb
Toluene	9.216	925.192	23.39	23.3871	ppb
Ethylbenzene	11.350	625.153	22.19	22.1921	ppb
m&p xylene	11.500	2311.775	47.83	47.8331	ppb
o-xylene	12.050	868.395	25.88	25.8759	ppb
SS-BFB	12.683	2033.139	72.74	72.7446	ppb
		8447.407	261.88	261.8846	

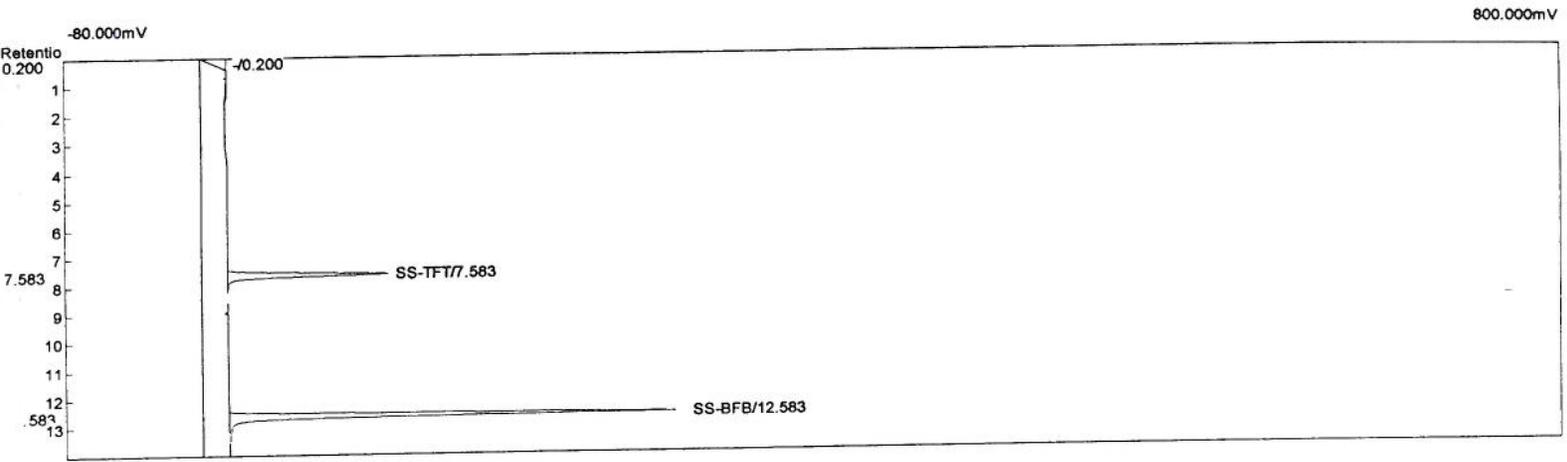


Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 10:51:10  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rbx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P5.CHR ()  
 Sample: method blank  
 Operator: jmp



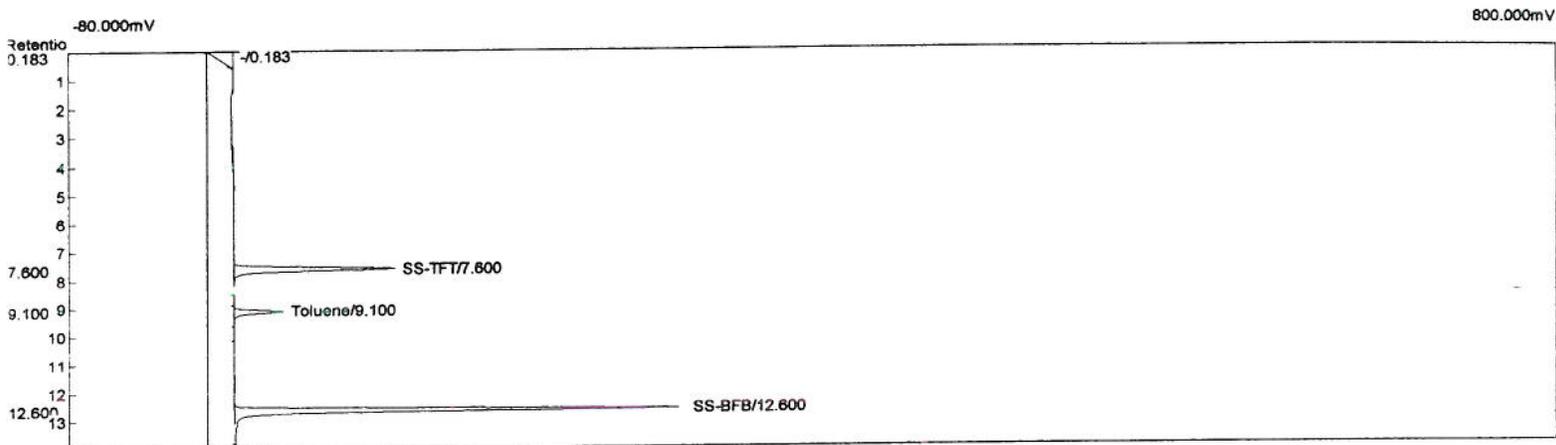
Component	Retention	Area	External	Internal	Units
SS-TFT	7.633	737.260	45.30	45.3029	ppb
SS-BFB	12.600	1999.520	71.54	71.5417	ppb
		2736.780	116.84	116.8447	

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 16:19:43  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rtx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P21.CHR ()  
 Sample: SS-AB1/1220CH2  
 Operator: jmp



Component	Retention	Area	External	Internal	Units
S-TFT	7.583	866.299	53.23	53.2321	ppb
S-BFB	12.583	2108.497	75.44	75.4409	ppb
		2974.796	128.67	128.6730	

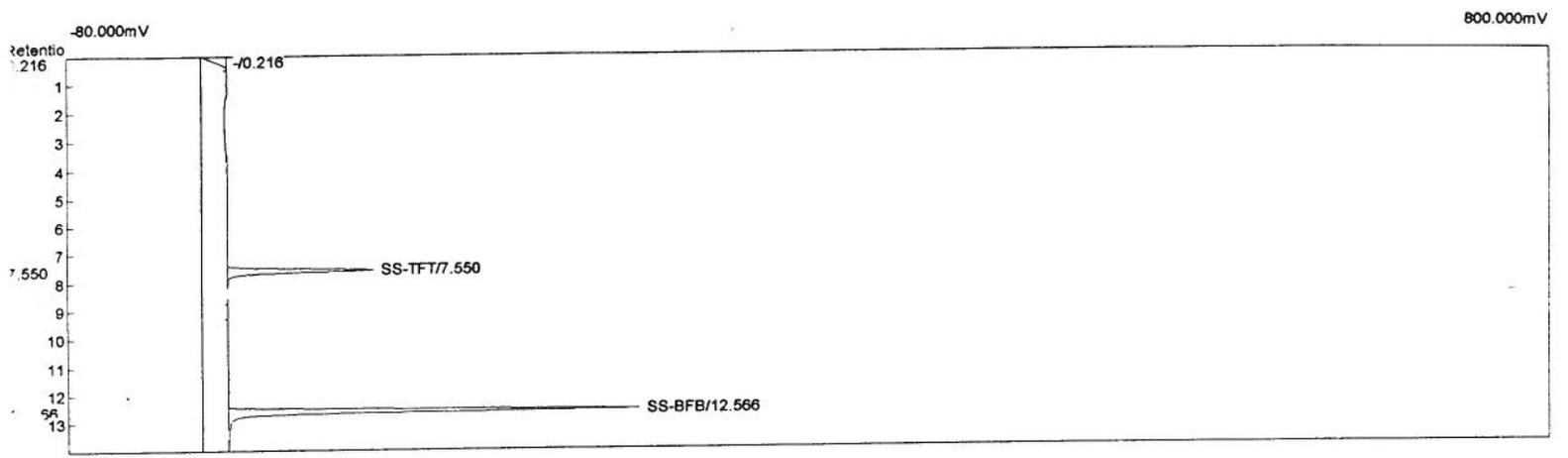
Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 14:43:39  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rtx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P16.CHR ()  
 Sample: SS-TB1/1220CH2  
 Operator: jmp



Component	Retention	Area	External	Internal	Units
SS-TFT	7.600	869.546	53.43	53.4316	ppb
Toluene	9.100	243.826	6.16	6.1634	ppb
SS-BFB	12.600	2106.600	75.37	75.3730	ppb
		3219.972	134.97	134.9681	

*→ 6.2 ug/L*  
*jmp*

Lab name: teg - Puerto Rico  
 Analysis date: 12/21/2000 15:36:29  
 Method: EPA 8020A mod.  
 Lab ID: GC-3 Purge  
 Description: PID-CHANNEL 1  
 Column: Rtx-5 30m, .53mm, 1.5um  
 Carrier: Nitrogen 1 kg/cm3  
 Data file: 1221P19.CHR ()  
 Sample: SS-EB1/1220CH2  
 Operator: jmp



Component	Retention	Area	External	Internal	Units
SS-TFT	7.550	795.758	48.90	48.8975	ppb
SS-BFB	12.566	1948.516	69.72	69.7168	ppb
		2744.274	118.61	118.6143	



# VIEQUES NASD

CH2M HILL

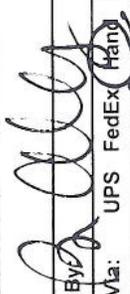
## Chain of Custody Form

Generated on: 12/20/2000 7:38:28 AM

NASD BLDG 2015 UST CLOSURE

COC Number: SS-	Project: VIEQUES NASD SITE INVESTIGATION	Kit Request ID:	TransGlobal Geochemistry
Project #: 160403.FI.ZZ	Laboratory Coordinator: KEVIN SANDERS	Lab:	

Sample ID	Station ID	Date & Time Collected	Matrix	Number of Containers	Analysis Requested	Comments
SS-1-01	SS-1-01	12/19/00 10:15	SO	1	BTEX_S2, GRO_S2	
SS-1-02	SS-1-02	12/19/00 10:20	SO	1	BTEX_S2, GRO_S2	
SS-1-03	SS-1-03	12/19/00 10:45	SO	1	BTEX_S2, GRO_S2	
SS-1-04	SS-1-04	12/19/00 10:50	SO	1	BTEX_S2, GRO_S2	
SS-1-05	SS-1-05	12/19/00 10:55	SO	1	BTEX_S2, GRO_S2	
SS-1-06	SS-1-06	12/19/00 11:10	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-1-07	SS-1-07	12/19/00 11:15	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-1-08	SS-1-08	12/19/00 11:15	SO	1	BTEX_S2, GRO_S2	Sample ID not used
SS-1-02FD1	SS-1-02	12/19/00 10:20	SO	1	BTEX_S2, GRO_S2	
SS-1-09	SS-1-09	12/19/00 09:55	SO	1	BTEX_S2, DRO_S2, GRO_S2	Sample ID not used
SS-2-01	SS-2-01	12/19/00 09:55	SO	1	BTEX_S2, DRO_S2	
SS-2-02	SS-2-02	12/19/00 10:00	SO	1	BTEX_S2, DRO_S2	
SS-2-03	SS-2-03	12/19/00 10:30	SO	1	BTEX_S2, DRO_S2	
SS-2-04	SS-2-04	12/19/00 10:35	SO	1	BTEX_S2, DRO_S2	
SS-2-05	SS-2-05	12/19/00 10:40	SO	1	BTEX_S2, DRO_S2	
SS-2-06	SS-2-06	12/19/00 11:30	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-2-07	SS-2-07	12/19/00 11:40	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-2-08	SS-2-08	12/19/00 11:45	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-2-02FD1	SS-2-02	12/19/00 10:00	SO	1	BTEX_S2, DRO_S2	
SS-2-09	SS-2-09	12/19/00 11:50	SO	1	BTEX_S2, DRO_S2, GRO_S2	
SS-AB1	FIELDQC	12/19/00 10:55	WQ	3	BTEX_W	
SS-TB1	FIELDQC	12/19/00 06:40	WQ	3	BTEX_W	
SS-EB1	FIELDQC	12/19/00 06:45	WQ	3	BTEX_W, DRO_W, GRO_W	

Sampled By: 	Date / Time: 12-20-00	Relinquished By: 	Date / Time: 12-20-00
Shipped Via: UPS FedEx (Hand)	Other (please specify):	Custody Seal: Y / N	Relinquished By: 
Received By:	Date / Time:	Custody Seal: Y / N	Date / Time:
Received By:	Date / Time:	Custody Seal: Y / N	Date / Time:
Remarks:			



APPENDIX G

## **Contractor Daily Reports, Field Log Notes**



# BLDG 2015 USE TANK PULL

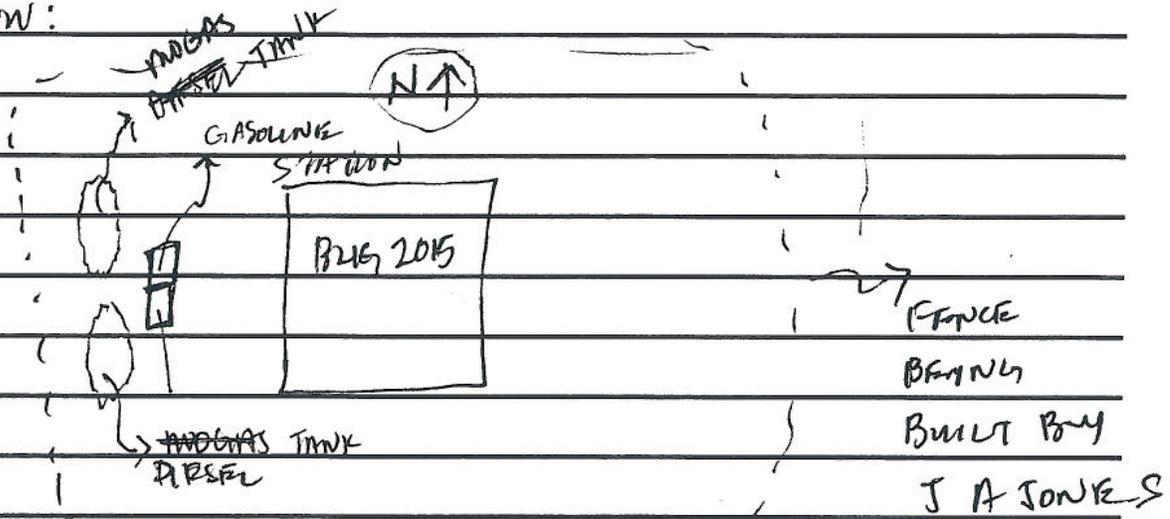
12/13/00

10F2

WEATHER: SUNNY ~ 87°

CREW: AULTANG  
Additional Notes:

OBS: BEGIN BREAKING UP CONCRETE, SEE DIAGRAM  
BELOW:



PICTURE #27: PICTURE LOOKING FROM N TO SOUTH AT BLDG 2015.

PICTURE #26: PICTURE LOOKING FROM WEST TO EAST AT TANK SITE.

PICTURE #25: PICTURE LOOKING FROM SOUTH TO NORTH AT TANK SITE.

0955: CHANGE OUT TO SITE TO SEE PROGRESS. NOTICED FUEL ODDOR FROM CHED TRUCK. APPEARS TO BE PUMPING OUT ANY RESIDUAL FUEL FROM TANKS.

1130: BACKHOE IS BEGINNING EXCAVATION OF RIGHT TANK THROUGH CONCRETE. <sup>DIESEL</sup> (PROGAS)

Sampler Signature:

*[Handwritten signature]*

Date:

12.13.00

Additional Notes:

PICTURE #24: BACKSIDE EXCAVATION OF MIGHT TANK (<sup>OVER</sup>~~MOGAS~~)  
LOOKING @ ACTIVITIES IN THE SOUTHWEST DIRECTION.

PICTURE #23: BACKSIDE EXCAVATION OF RIGHT TANK (<sup>OVER</sup>~~MOGAS~~)  
FROM NORTH TO SOUTH POSITION.

PICTURE #22: NORTHEAST LOOKING SOUTH. HAVE  
INDUSTRIAL HAMMER (A2) HAMMER BREAKING CONCRETE.

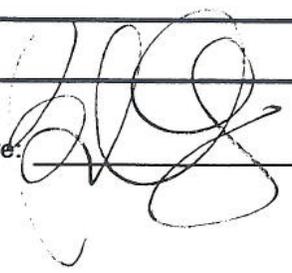
1200 LEFT FOR LUNCH. ~~HAD~~ A2

1230 WAS WORKING ON ABC PROJECT, SO WAS NOT ABLE TO  
OBSERVE THE REST OF TANK PULL.

LAYOUT

NOTE: DIAGRAM IN CLOSURE PLAN IS  
INCORRECT. MOGAS TANK IS  
ON LEFT AND

Sampler Signature:



Date:

12.13.00

CREW: ACHANLY

WEATHER: SUNNY ~ 88°

## Additional Notes:

POD RAMMER ON SITE AND THOAS TANK HAD ALREADY  
 BEEN REMOVED. TOOK PICTURES OF THIS EXCAVATED HOLE  
 AND ADDITIONAL SURROUNDING AREA. ALSO TOOK PICTURES  
 OF TANK. DID NOT NOTICE ANY HOLES OR  
 DAMAGED AREAS ON TANK. WORKING ON ROC PROJECT ALSO IN  
 CONJUNCTION W/ OBSERVING TANK PULL.

PICTURE #21: LOOKING @ SITE FROM NORTH TO  
 SOUTH.

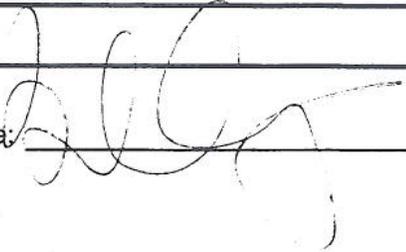
PICTURE #20: LOOKING @ TANK PULL FROM <sup>DIRECTLY</sup> ~~(NORTH)~~ <sup>WEST</sup> ~~(WEST)~~ <sup>EAST</sup> ~~(EAST)~~ <sup>AS</sup>

PICTURE #19: LOOKING @ TANK PULL FROM SOUTH TO  
 NORTH.

PICTURE #18: WORK @ TANK PULL FROM NORTH TO SOUTH  
 OF SOIL CONTAMINANT AREAS.

PICTURE #17: SAME AS ABOVE.

PICTURE #16: TANK (FRONTSIDE VIEW) COULD NOT  
 GET OTHER SIDE BECAUSE FRONT <sup>AS</sup> ~~FOR~~ <sup>OF</sup> ~~THE~~ <sup>INDUSTRIAL</sup>  
 RAMMER DRILL IN THE WAY.

Sampler Signature: 

Date: 12/14/00

Additional Notes:

1130: OBSERVED INDUSTRIAL HAMMER BREAKING CONCRETE TO ~~HOLE~~<sup>START</sup> START OTHER<sup>AD</sup> WORKING ON TANK PUMP FOR DIESEL TANK.

1320: NOTICED THAT MORGAN TANK WAS BEING CLEANED BY OHS PERSONNEL AND ~~WERE~~<sup>THEY</sup> HAD CUT A HOLE ON SIDE OF FIBERGLASS TANK TO ENTER CONFINED SPACE. WERE APPARENTLY USING ABSORBENT PADS AND WERE IN TUNNEL CLEANING OUT TANK.

1430: LEFT SITE FOR DAY, FLEW BACK TO US ON DEC 15<sup>th</sup> SO DO NOT HAVE A LOG FOR DAY'S EVENTS.

Sampler Signature:

Date:

12-14-02

CREW: AUSTIN, RAUL & PEDRO (RIGHTWAY (TANK GUYS, SUBS TO OHM))

Additional Notes:

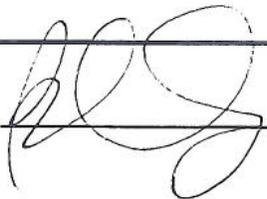
1400: SPOKE TO RAUL <sup>to</sup> PEDRO (787-630-9881) WHO IS THE OWNER OF RIGHTWAY ABOUT USING ONE OF HIS CREW MEMBERS TO TAKE THE SAMPLE IN THE PIT. HE OFFERED TO LET ONE OF HIS STAFF (WHO IS CONFINED ENTRY TRAINED) TO GO AND TAKE SAMPLE FOR ME.

& KEITH

1530: SPOKE TO MARTY ABOUT THIS ALTERNATIVE AND MARTY SAID THAT IT WOULD NOT BE A GOOD IDEA. WILL SPEAK W/ RAUL (PEDRO'S ASSISTANT 787-630-9883) AND LET HIM KNOW WHAT DECISION WAS MADE.

1600: RETURNED TO SITE TO PREP AND SAMPLE AOC-H WELLS.

Sampler Signature:



Date: 12-18-00

CREW: A. CHANLEY, RAUL (MATA) (HIGHWAY), MIGUEL (OHM), PEDRO RUIZ (OF 4)  
WEATHER: SUNNY, CLEAR ~ 87°  
EQB (CHEILA OR JIZ, RIVERA, ADA OR TEND)

Additional Notes:

0600: ARRIVE ONSITE AND BEGIN PREP FOR UST SAMPLING.  
FINISHED LABELING BOTTLES AND GETTING DEION WATER.

0630: TOOK AMBIENT BLANK. SAMPLE ID: SS-AB1.

USED HPLC GRADE WATER LOT NO. B2923

ALIGNED SIGNAL / BURDICK JACKSON.

0640: TOOK ~~EQUIPMENT~~ <sup>TRIP</sup> BLANK. SAMPLE ID: SS-TB1

0645: TOOK EQUIPMENT BLANK. SAMPLE ID: SS-EB1.

0700: WILL STAY ONSITE TO WORK ON OTHER PROJECT.

0730: MET UP W/ RAUL AND TRIED TO GRAB SAMPLES  
FROM THE SIDE OF EXCAVATION.

0830: PEDRO RUIZ ARRIVED ONSITE AND DISCUSSED SAMPLING  
OPTIONS. WILL CHAT W/ EQB ONCE THEY GET HERE  
SO WE CAN FINALIZE LOCATIONS.

PICTURE #12 N → S LOOKING @ PIT

#11 S → N LOOKING @ PIT

#10 S → N INSIDE PIT

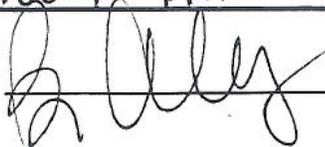
9855 CALIBRATED PID ; ISOBUYENE 100 PPM LOT NO 55864

UNIT 10265 HAZCO

HAZCO

VALUE: 100.1 ppm

Sampler Signature:



Date:

12-19-00

Additional Notes:

0945: EQB - ONSITE, EQB WANTED SAMPLES FROM BOTTOM AS WELL AS SIDE WANS. (C) IN INSTRUCTION THAT WE WERE NOT LIABLE FOR THEIR PERSONNEL.

0955: SAMPLE SS-2-01 COLLECTED 10.2 ppm

1000: SAMPLE SS-2-02 COLLECTED 10.5 ppm  
COLLECTED DUPLICATE @ THIS LOC.

1015: COLLECTED SS-1-01 0.4 ppm

1020: COLLECTED SS-1-02 / 7. END DUP. 0.9 ppm

1030: COLLECTED SS-2-03 / (C) WALL @ FAR END 1.7 ppm  
N -> S

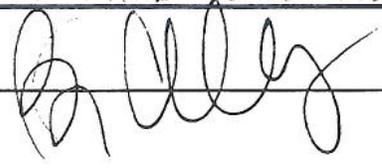
1035: COLLECTED SS-2-04 / (C) WALL @ FAR END 1.6 ppm  
N -> S

1040: COLLECTED SS-2-05 / (C) WALL @ FAR END 1.1 ppm  
N -> S

1045: COLLECTED SS-1-03 / WALL @ OTHER END 0.3 ppm  
S -> N

1050: COLLECTED SS-1-04 / WALL @ OTHER END 2.5 ppm  
S -> N 2.3

1055: COLLECTED SS-1-05 / WALL @ OTHER END 1.2 ppm  
ALSO RE-COLLECTED 4TH 'BLANK' FROM EQB'S INVOICE

Sampler Signature: 

Date: 12-19-00

FEF  
FEF: 787-159-1232  
OFFLINE: 787-2137

30FA  
SFA STEW  
SFA (HICAP)

**Additional Notes:**

787-159-8844 - MIGUEL (OHM)

111D: COLLECTED SAMPLE SS-1-06 FROM STOCKPILE (SMALL) ON END CLOSEST TO PIT. [15.3 ppm] PEDRO RUIZ, OHM, AND EQB PERSONNEL LEFT SITE.

PICTURE # 9: SMALL STOCKPILE WHERE SAMPLE TAKEN.

\*

111E: COLLECTED SAMPLE SS-1-07 FROM STOCKPILE (SMALL) ON END CLOSEST TO GATE OPENING [34.0 ppm]

\*

113D: COLLECTED SAMPLE (S) SS-2-06 FROM LARGE STOCKPILE @ SOUTH END. [10.2 ppm]

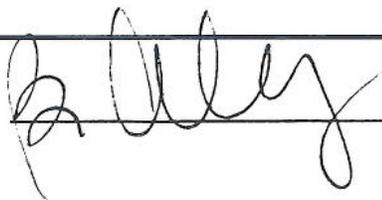
PICTURE # 8: LARGE STOCKPILE; SAMPLE LOC SS-2-06  
# 7: LARGE STOCKPILE LOC. SS-2-07 / SS-2-08

114D: COLLECTED SS-2-07 FROM LG STOCKPILE CLOSEST TO BLDG 2015. SOME SORT OF PIPE CLOSE TO SAMPLING LOCATION. → [16.5 ppm]

PICTURE # 6: SAMPLE SITES SS-2-07 / SS-2-08  
(R)

114E: COLLECTED SS-2-08 FROM LG STOCKPILE CLOSEST TO BLDG 2015. [12.5 ppm]

PICTURE # 5: SAMPLE SITE SS-2-09. LARGE STOCKPILE CLOSEST TO PIT.

Sampler Signature: 

Date: 12.19.00

## Additional Notes:

\* 1150: COLLECTED SAMPLE SS-2-09. SAMPLE VERY WET. 55.1 ppm

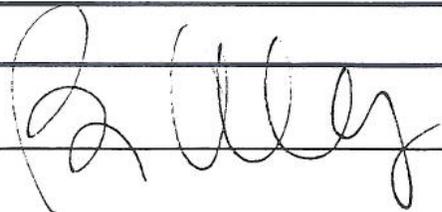
1200: FINISHED COLLECTING ALL SAMPLES AND PUT ALL SAMPLES ON ICE. WILL SHIP OUT SAMPLES TOMORROW.

TEG LABS WILL PICK UP SAMPLES @ ISLA GRANDE AIRPORT IN SJ

\* 1300: @ 1200 PM TOMORROW FOR ANALYSIS. REQUESTED QUICK TURN ON ALL ANALYSIS. SHOULD RECEIVE RESULTS ON FRIDAY.

SEE ATTACHED MAP FOR SAMPLE LOCATIONS.

Sampler Signature:

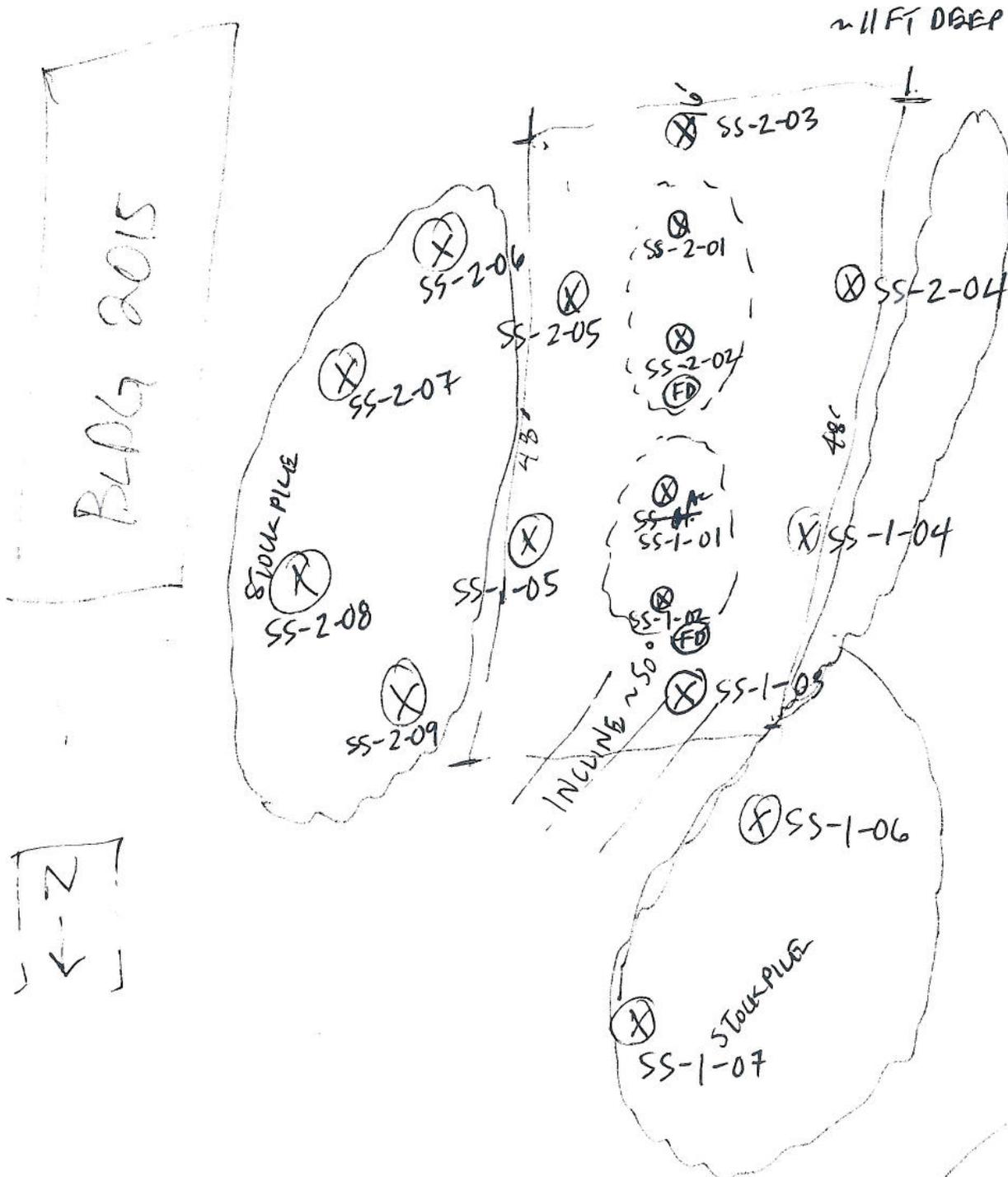


Date:

12.19.00

12-19-00

# MAP (SAMPLE LOCATIONS)



*[Signature]*  
12.00

SAN JUAN ~ 90°C

10F1

**Additional Notes:**

0900: FAXED CDC TO ANA OTERO (EQB) AS REQUESTED FOR  
UST SAMPLING. WORKED ON OTHER NASD WORK

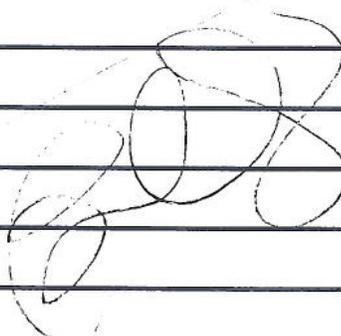
1030: FAXED CDC TO MIGUEL RIVERA (OHM) @ FAJARDO INN.

11:30: RECEIVED WORD FROM LABS THAT SAMPLES WERE  
CLEAN. CONTACTED JOHN KRESKY, MIGUEL RIVERA (OHM),  
PEDRO RUIZ. LEFT VOICE MAIL MESSAGES ABOUT  
ANALYSIS.

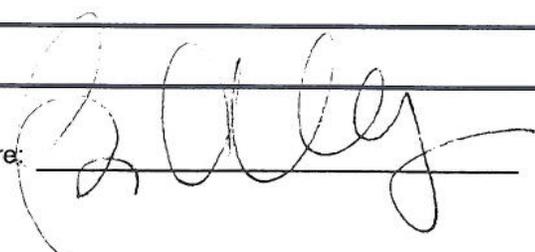
1155: SENT EMAIL TO MARTY, CHRIS PENNY, AND JOAN  
TOMIK AND LET HIM KNOW ABOUT ANALYSIS AND  
SENT ANALYSIS VIA E-MAIL.

1300: DONE FOR DAY.

12-22-00



Sampler Signature:



Date:

12-22-00

# DAILY REPORT TO INSPECTOR

DATE  
12-4-00

CONTRACT NO. N6247097D5000	TITLE AND LOCATION La Hueca clean up NASD	REPORT NO. 5000 001
CONTRACTOR (Prime or Subcontractor) OHM corp	NAME OF SUPERINTENDENT OR FOREMAN M. Rivera	
WEATHER Clear	TEMPERATURE °F	

WEATHER EFFECTS NONE

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (If space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
		10		Miguel Rivera Move to PR Pick up rental @ Air port Contacted Tony Diaz from A&A Disposal two Roll off's Boxes will arrive in vieques tomorrow a 40yd & a 20yd made catamaran arrangements for Pedro Tejada two of his personnel and myself to visit Site Made LCU arrangement for Pedro's loader and two pick ups. Pick up cell phone and make hotel arrangement for my self Paper work

TOTAL WORK HOURS ON JOB SITE THIS DATE	10	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10	
TOTAL WORK HOURS FROM START OF CONSTRUCTION		

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
1 GPS Unit	12-1-00	8		

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV	6	

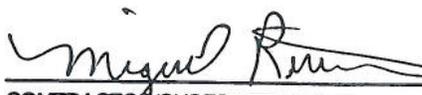
SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	N/A

DEFICIENCIES CORRECTED THIS DATE	REFERENCE			
	REPORT NO.	COMPLIANCE NOTICE NO.		
/	/	/		

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING		
/	/	/		

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED		
/	/	/	/		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

  
 CONTRACTOR/SUPERINTENDENT      12-4-00  
 DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
 CONSTRUCTION REPRESENTATIVE      DATE

# DAILY REPORT TO INSPECTOR

DATE  
12-05-00

CONTRACT NO. N 62470 97 D 5700	TITLE AND LOCATION La Hueca clean up NASD	REPORT NO. 5000 002
CONTRACTOR (Prime or Subcontractor) Altm Corp / Rightway Env		NAME OF SUPERINTENDENT OR FOREMAN M. Rivera
WEATHER clear		TEMPERATURE

WEATHER EFFECTS

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE <small>(If space provide below is inadequate, use additional sheets)</small>				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	10		Pick up rental vehicle in Vieques
	F. Centeno	10		visited La Hueca w/ Pedro his foreman
				Frank and John. Located 2 Roll off
				@ La Hueca arranged a third Box to be
				delivered @ La Hueca tomorrow
				arranged / CV transportation for
				Pedro's Tank work equipment for Friday
				0730 trip to Vieques. visited Quarry w/
				Pedro

TOTAL WORK HOURS ON JOB SITE THIS DATE	20	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	30	
TOTAL WORK HOURS FROM START OF CONSTRUCTION		

**CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED**

DESCRIPTION	DATE FIRST ON JOB <small>(First time only)</small>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
2 Roll off Boxes	12-05-00	8	—	
1 Site Vehicles	12-05-00	8		
1. 9' unit		8		

**CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY**  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV		

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN
/	/

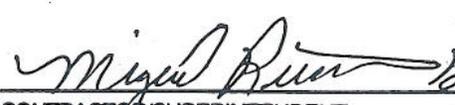
DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.
/	/	/

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING
/	/	/

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	2 Roll off Boxes		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Pedro will not use a track loader as plan he will use a Back hoe. 1

 12-5-00  
 CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
 CONSTRUCTION REPRESENTATIVE      DATE



SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	1 Roll off Box		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

we are to clean entire area @ La huaca  
Raw w/ track Quarry material + fuel tank on tank for us

M. Rivera 12-600  
CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE





# DAILY REPORT TO INSPECTOR

DATE

12-8-00

CONTRACT NO.  
62470 97-5000

TITLE AND LOCATION  
La Hueva clean up NASD

REPORT NO.  
0064 005

CONTRACTOR (Prime or Subcontractor)  
OHMcorp/Rightway emv.

NAME OF SUPERINTENDENT OR FOREMAN  
M. Rivera

WEATHER  
clear.

TEMPERATURE

OF

WEATHER EFFECTS

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE  
(If space provide below is inadequate, use additional sheets)

LOCATION AND DESCRIPTION  
OF WORK PERFORMED

NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	10		crew continue work at La Hueva
	R. Centeno	8		95% completed today left today 6
	S. Joad	8		cars updated Dave on progress
	A. Amone	8		scheduled a Brush hug w/an operator for
	C. Balbosa	8		wednesday
	A. Ramos	8		scheduled transportation (LCU) for
	A. Clark	8		a Jack hoe and 1 more 40yd. Box
	C. Colon	8		to Vieques one full one will go back
				to Ceiba monday (metals)

TOTAL WORK HOURS ON  
JOB SITE THIS DATE

66

CUMULATIVE TOTAL OF WORK  
HOURS FROM PREVIOUS REPORT

124

TOTAL WORK HOURS FROM  
START OF CONSTRUCTION

190

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?

YES

NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
2 Pick up trucks		8		
1 Buck hoe		8		
1 Site Vehicle		8		

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also  
used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV	10	

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

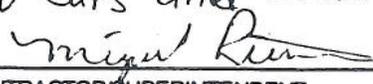
INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED

REMARKS (Include directions received from RO/CC/ARO/CC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Madrid rental will set up its own hotel and pay his operator permits and billed to CHM.

contacted home owner where cars clean up its to take place @ La huera he was very happy to see us there to pick cars and volunteer to open back fence for us

 12-8-00  
 CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
 CONSTRUCTION REPRESENTATIVE      DATE

# DAILY REPORT TO INSPECTOR

DATE  
12-11-00

CONTRACT NO. 62470 97-5000 TITLE AND LOCATION Vietnam La Hueca cleanup UST Removal REPORT NO. 0064 006

CONTRACTOR (Prime or Subcontractor) CHMCC/Rightway Env. NAME OF SUPERINTENDENT OR FOREMAN M. Rivera

WEATHER Clear Some Showers TEMPERATURE °F

WEATHER EFFECTS

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (If space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	11.0		One Roll off box come in for cars @
	T. Girard	11.0		La Hueca, one box back to Roosevelt Road
	S. Mcclorkin	11.0		(Metal) GPS crew started work today
	A. Clark	8.5		Transported Pedro's equipment (excavator)
	F. Costero	11.0		to La Hueca to crush and load cars
	R. Matos	11.0		a mini excavator w/hammer transported
	W. Vega	11.0		to tank area. Power disconnected from
	L. Rivera	11.0		tanks late start @ La Hueca today, due to
	A. Calmano	8		transportation problems. Ertitec (used)
	E. Barbosa	8		crew its to arrive 1230 tomorrow
	A. Ramos	8		Scheduled a box for Wednesday to Comptel
				La Hueca, GPS crew moved in Sunday 12-10-00
				Tina Girard and Suzanne Mc 12 hrs ea

TOTAL WORK HOURS ON JOB SITE THIS DATE ~~133.5~~ 109.5

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 140

TOTAL WORK HOURS FROM START OF CONSTRUCTION ~~333.5~~ 299.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 YES  NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

**CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED**

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM JOB SITE
2 Site Vehicles		11		
2 P/U Trucks		8		
1 excavator	12-11-00			
1 mini excavator/w/hammer				
1 GPS				

**CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY**  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV		
1 car		

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED
	Machetes		

REMARKS (Include directions received from FOICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

home owner @ La huera had fence ready for us

 12-11-00  
 CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
 CONSTRUCTION REPRESENTATIVE      DATE

DAILY REPORT TO INSPECTOR				DATE 12-12-00
CONTRACT NO. 62470 97-5000		TITLE AND LOCATION vieques, Lahuera tank removal wellwork		REPORT NO. 0064 007
CONTRACTOR (prime or subcontractor) OHM corp / Rightway Emu			NAME OF SUPERINTENDENT OR FOREMAN M. Rivera	
WEATHER Clear			TEMPERATURE	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	10		Tank crew started breaking concrete @ tank area. 4 well found today will determine well #s later. Earthtec arrived today (late) on the 1600 LCU will start work tomorrow contacted Bee keeper for bees @ one of well 2 more labor will be in tomorrow to work w/ clearing crew. A Brush hog w/ operator will arrive tomorrow # 14, 8, 9 & 7
	S. McClurkin	9		
	T. Girard	9		
	A. Calmona	8		
	A. Clark	8		
	F. Centeno	10		
	R. Matos	10		
	L. Rivera	10		
	W. Vega	10		
TOTAL WORK HOURS ON JOB SITE THIS DATE		84	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES <input checked="" type="checkbox"/>	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		<del>333.5</del> 299.5		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		407.5		
IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED				
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
2 Site Vehicles		8		
2 P/U Trucks		10		
1 Excavator		10		
1 miniexcavator		10		
2 F350 Truck & well closing equipment	12-12-00			
G.P.S	12-12-00			
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY (*This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)				
DESCRIPTION	HOURS WORKED	HOURS IDLED		
1 SUV	8			
1 Car	8			

AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN


DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR ELEMENT OF WORK

REMARKS RESULTS OF INSPECTION/TESTING


SPEC. PARA. AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO. OR CERTIFICATION

DATE APPROVED

	Chain Saw Chain Saw equipment files		

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

inspected Ca huera w/ Raul Barrero he ok work there. Raul authorized me to bring a vac truck to extract remaining product in tanks this info was transferred to P. tejada a vac truck will be in tomorrow on the 1130 LCU

Miguel Ruiz 12-12-00  
CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE 12-13-00
CONTRACT NO. 62450 975000		TITLE AND LOCATION Viegues NASD Tank and GPS work		REPORT NO. 0064 008
CONTRACTOR (prime or subcontractor) OHM / Right way ENV.			NAME OF SUPERINTENDENT OR FOREMAN M. Rivera	
WEATHER Clear some showers			TEMPERATURE	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	11		Brush hug crew starts clearing access to 4 wells # 7, 8, 9 & 14 Tank crew removes Gasoline from tank and takes it to Cam Garcia Diesel tank Suckout and taken to Roosevelt Road. to be emptied at fuel tanks there Grtec disinfects and starts well @ NASD compound one Roll off arrive @ La huera F Center and two others head over to pickup remaining debris and load onto box there. one Trash Roll off taken to R. Roads GPS crew found end more well # 3 possible # 2 also Gas Tank remove out of ground today
	T Girard	11		
	S. Mc. Kluck	11		
	A Clark	8		
	A Calmiva	8		
	C Algarin	8		
	J. Santos	8		
	J. Molina	8		
	F Centeno	10		
	R. Matos	10		
	L. Rivera	10		
	W. Vega	10		
	P Molina	8		
	J. Morales L. Rodriguez	8 8		
TOTAL WORK HOURS ON JOB SITE THIS DATE		135	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES <input checked="" type="checkbox"/>	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		407.5		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		542.5		
IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED				
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
2 Site Vehicles		10		
2 1/4 Trucks		10		
1 Excavator		10		
1 Mini Excavator		10		
2 F350s Trucks		8		
well equipment		8		
1 Brush hug	12-17-00	8		
1 Vac Truck	12-17-00	8		12-13-00
1 GPS				
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY (*This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)				
DESCRIPTION		HOURS WORKED	HOURS IDLED	
1 SUV (Rental)		10		
1 Rental car		10		

DAILY REPORT TO INSPECTOR				DATE
CONTRACT NO. 62470 97 5000		TITLE AND LOCATION Viegues NASD Tank and GPS work		REPORT NO. 0064 009
CONTRACTOR (prime or subcontractor) OHM / Right-way ENV.			NAME OF SUPERINTENDENT OR FOREMAN M. Rivera	
WEATHER SHOWERS			TEMPERATURE	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	M Rivera	10		Claring crew Completed wells 7, 8, 9, & 14
	T. Guard	9		and started access for well # 3
	S. Mc. Klarkin	9		Scheduled for a metal box to be @ 10:00 hrs
	A. Clark	8		tomorrow well crew completed.
	A. Calmona	8		# 11 and starts on # 1
	C. Algarin	8		Tank crew pull second Tank out
	J. Santos	8		and load concrete on to dump truck
	J. Molina	8		and takes it to viegues land fill
	F. Centeno	10		2 wells found today # 5, 12,
	R. Mateo	10		the wells crew finished # 11
	L. Rivera	10		and starts # 1
	W. Vega	10		Tank crew cleans and crushed tanks
	P. Medina	10		to be load it out to PR Monday
	J. Morales	10		
	L. Rodriguez	10		
TOTAL WORK HOURS ON JOB SITE THIS DATE		138	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		542.5	YES <input checked="" type="checkbox"/>	
TOTAL WORK HOURS FROM START OF CONSTRUCTION		680.5	IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
2 Site Vehicles		8		
2 PU Trucks				
1 Excavator				
1 Mini excavator				
2 F350 TRUCKS		10		
well Equipment		10		
1 Brush hug				
GPS		8		
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY (This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)				
DESCRIPTION		HOURS WORKED	HOURS IDLED	
1 SUV		8		
1 Car		8		

SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.

INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING

SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Well # 11 was not to be closed, as per Madeline Rivera but wait they  
come over. The well ~~had~~ had already been started. So Madeline and Raul Carrero  
told me it was too late to continue O&M. Scope call's for 14 well to be  
done. # 11 is one of them.

O&M ~~got~~ got the ok from  
Madeline Rivera and Raul Carrero to take  
concrete from tanks to Vieques Landfill

Miguel R. Rivera 12-14-00  
CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE

# DAILY REPORT TO INSPECTOR

DATE 12-15-00

CONTRACT NO. 62470 975000 TITLE AND LOCATION Vieques NASO Tank and wells work REPORT NO. 0064 010

CONTRACTOR (prime or subcontractor) OHM corp / Right Way GNV NAME OF SUPERINTENDENT OR FOREMAN M. Rivera

WEATHER Clear Some Showers TEMPERATURE \_\_\_\_\_

**WEATHER EFFECTS**

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	11		Tank Crew finished loading concrete and secure site for wknd.
	T. Girard	9		
	S. Mc. Klarkin	9		
	A. Clark	8		GPS crew found wells # 13, 6 & 10
	A. Calmona	8		S. Mc. Klarkin and T. Girard will demarc
	C. Algarin	8		tomorrow last day today
	J. Santos	8		@ clearing crew finished # 3 and starts
	J. Molina	8		on # 5. 5, 12, 13, 6 & 10 are all
	F. Centeno	8		line up and very hard. to get to
	R. Mateo	8		a bulldozer may be needit
	L. Rivera	10		well crew finished # 1, 3 and started
	M. Lopez	10		on 9
	P. Molina	1.0		made schedual for 2 Roll off trucks
	J. Morales	1.0		
	L. Rodriguez	1.0		for monday

TOTAL WORK HOURS ON JOB SITE THIS DATE 135  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 680.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 815.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 YES NO  
 IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

**CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED**

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
1 Site Vehicle		8		12-15-00
1 Site Vehicle		10		
1 Excavator		8		12-15-00
1 mini excavator		8		12-15-00
2 F350 Trucks		10		
well Equipment		10		
2 3/0 Trucks		8		
1 Brush hug		8		
GPS		8		12-15-00

**CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY**  
 (This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV		
1 Car		

SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.

INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING

SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED

REMARKS (include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Miguel R... 12-15-00  
CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
CONSTRUCTION REPRESENTATIVE      DATE



SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN


DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.


INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING


SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED


REMARKS (Include directions received from RO/CC/ARO/CC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

 12-16-00  
CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
CONSTRUCTION REPRESENTATIVE      DATE

# DAILY REPORT TO INSPECTOR

DATE 12-18-00

CONTRACT NO. 62470 97-5000	TITLE AND LOCATION Vieques NASD Tank / well work	REPORT NO. 0064-012
CONTRACTOR (prime or subcontractor) O'Hair Corp / Right Carey & NV.		NAME OF SUPERINTENDENT OR FOREMAN M. Rivera
WEATHER Clear some showers		TEMPERATURE

WEATHER EFFECTS				LOCATION AND DESCRIPTION OF WORK PERFORMED
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)				
NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	10		Cleaning crew cuts better access to well #7 and access to well #2. Crew also spend some time looking for well #4. Dozer cuts access to wells #5, 12, 13, 6 and 10. Bee Keeper in to remove bees in wells #2 and 14. Last rolloff box @ la hueca pickup and fuel tank also pickup today. <del>well #3 complete</del> <del>5, 12, 13, 6 and 10</del> well crew un able to do work today. A transformer was found out by well #5 broken open filled w/ dirt no liquids
	R. Malos	8		
	J. Santos	8		
	A. Galmaro	8		
	C. Algarin	8		
	A. Clark	8		
	P. Molina	10		
	J. Morales	10		
	L. Rodrigues	10		

TOTAL WORK HOURS ON JOB SITE THIS DATE	80	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	847.5	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	887.5	

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
1 Site Vehicle		8		
2 Pilotrucks		8		
1 Btush hug		8		
1 F350		10		
well equipment		10		
1 Dozer (D5)	12-18-00	8		12-18-00

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV	8	



# DAILY REPORT TO INSPECTOR

DATE 12-19-00

CONTRACT NO.  
6242097-5000

TITLE AND LOCATION  
Uieques NASA Tank/well work

REPORT NO.  
1064-012

CONTRACTOR (prime or subcontractor)  
CHM Corp / Rightway Env.

NAME OF SUPERINTENDENT OR FOREMAN  
U. Rivera

WEATHER  
Clear

TEMPERATURE

**WEATHER EFFECTS**

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE  
(if space provide below is inadequate, use additional sheets)

LOCATION AND DESCRIPTION  
OF WORK PERFORMED

NUMBER	TRADE	HOURS	EMPLOYER	
	<u>M. Rivea</u>	<u>10</u>		<u>Samples @ tank area excavation</u>
	<u>R. Matos</u>	<u>8</u>		<u>taken this day Personnel involt U. Rivera</u>
	<u>J. Santos</u>	<u>8</u>		<u>Pedro Ruiz Env. Cheila Ortiz EQB</u>
	<u>A. Calmon</u>	<u>8</u>		<u>Ada Otero EQB Raul Matos Rightway Env</u>
	<u>C. Algarin</u>	<u>8</u>		<u>Raul Carrero Reice and Alicia Chang CH2M Hill</u>
	<u>A Clark</u>	<u>8</u>		<u>10 Samples + 2 duplicate taken time start 9:55 am</u>
	<u>P. Molina</u>	<u>9</u>		<u>time stop 10:42 am Sample will go out tomorrow</u>
	<u>S. Mercedes</u>	<u>9</u>		<u>clearing crew spend day looking for well</u>
	<u>C. Rodriguez</u>	<u>9</u>		<u>4 no luck this will be the last day trying to</u>
				<u>locate #4 well crew completed wells # 7, 14</u>
				<u>5, 12, 13 6 and 10 Brush hug will</u>
				<u>be demoral tomorrow</u>

TOTAL WORK HOURS ON  
JOB SITE THIS DATE 77

CUMULATIVE TOTAL OF WORK  
HOURS FROM PREVIOUS REPORT 887.5

TOTAL WORK HOURS FROM  
START OF CONSTRUCTION 964.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?

YES

NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

**CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED**

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
<u>1 Site Vehicle</u>		<u>8</u>		
<u>2 Plo Trucks</u>		<u>8</u>		
<u>1 Brush hug</u>		<u>8</u>		
<u>1 F350 Truck</u>		<u>9</u>		
<u>well equipment</u>		<u>9</u>		

**CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY**  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
<u>1 SUV</u>	<u>8</u>	

AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR ELEMENT OF WORK

REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO. OR CERTIFICATION

DATE APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Sample will go out tomorrow as per Alicia Chang from CH2M Hill  
Small chance to back fill excavation this week  
I took Pedro Ruiz out back to see transformer found yesterday and told him our intention of taking sample and he told me not to worry about sampling this unit based on its conditions to remove dirt from it and to take it to PW for them to take care of it  
Miguel Ruiz 12-19-00  
CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE <u>12-20-00</u>
CONTRACT NO. <u>62470 97-5000</u>	TITLE AND LOCATION <u>Vireques NASD Tank/well work</u>		REPORT NO. <u>0064-014</u>	
CONTRACTOR (prime or subcontractor) <u>O'Hair Corp / Right Way Env</u>			NAME OF SUPERINTENDENT OR FOREMAN <u>M. Rivera</u>	
WEATHER <u>Clear</u>			TEMPERATURE	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)				LOCATION AND DESCRIPTION OF WORK PERFORMED
NUMBER	TRADE	HOURS	EMPLOYER	
	<u>M. Rivera</u>	<u>10</u>		<u>well crew finished last well #2 and re-taps rest of wells</u> <u>Made arrangements for well crew's equipment to demove tomorrow empty cement bags pickup in garbage bags and taken to PW.</u> <u>after talking to John Kresky about well #4 he told Dave Leadenham not to spend any more time searching for that well we are no longer require to continue search for well #4</u> <u>Madrid rental it demouel.</u> <u>Last box at Pier will go out tomorrow</u>
	<u>P. Molina</u>	<u>8</u>		
	<u>J. Morales</u>	<u>8</u>		
	<u>L. Rodriguez</u>	<u>8</u>		
TOTAL WORK HOURS ON JOB SITE THIS DATE		<u>34</u>	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT		<u>964.5</u>		
TOTAL WORK HOURS FROM START OF CONSTRUCTION		<u>998.5</u>		
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB <small>(First time only)</small>	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
<u>2 P/U Trucks</u>		<u>8</u>		
<u>1 Brush hug</u>		<u>5</u>		<u>12-20-00</u>
<u>1 F350 Truck</u>		<u>8</u>		
<u>well equipment</u>		<u>8</u>		
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY (*This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)				
DESCRIPTION	HOURS WORKED	HOURS IDLED		
<u>1 SUV</u>	<u>8</u>			

SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.

INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING

SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

  
CONTRACTOR/SUPERINTENDENT

12-20-00

DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE

DAILY REPORT TO INSPECTOR				DATE
CONTRACT NO. 62470 97-5000		TITLE AND LOCATION Vieques NASD		REPORT NO. 0064-015
CONTRACTOR (prime or subcontractor) OHM corp / Rightway Env.			NAME OF SUPERINTENDENT OR FOREMAN M. Rivera	
WEATHER Clear			TEMPERATURE	
WEATHER EFFECTS				
PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE (if space provide below is inadequate, use additional sheets)			LOCATION AND DESCRIPTION OF WORK PERFORMED	
NUMBER	TRADE	HOURS		
	U. Rivera	11		wells crew its in today
	P. Molina	8		to the top all 13 well
	J. Morab	8		as some of this has 2-4 some
	L. Rodriguez	8		inches below the top they will
				demove today
				Alicia from CH2M will told me
				that tank excavation samples results
				will be in tomorrow Friday. Pedro
				tesada (Rightway Env) wants to
				backfill next Tuesday La huaca
				Batteries are to <del>be</del> be temporarily
				store in Roosevelt Roads over by old Power
				Bld. as per Carrero
TOTAL WORK HOURS ON JOB SITE THIS DATE	35		WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  YES <input checked="" type="checkbox"/> NO	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	998.5			
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1033.5			
IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED				
CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED				
DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
2 P/u Trucks		5		12-21-00
1 E350 Truck		8		12-21-00
well Equipment		8		12-21-00
CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY (*This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)				
DESCRIPTION		HOURS WORKED	HOURS IDLED	
1 SUV		10		

SPEC. PARA. AND/OR DRAWING NO.	LOCATION AND DESCRIPTION OF DEFICIENCIES <i>(Materials, Equipment, Safety, and/or Workmanship)</i> ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB <i>(Description, Sizes, Quantity)</i>	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED

REMARKS *(Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)*

 12-21-00  
 CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
 CONSTRUCTION REPRESENTATIVE      DATE



DESCRIPTION OF DEFICIENCIES  
 (Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR ELEMENT OF WORK

REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
 (Description, Sizes, Quantity)

SUBMITTAL NO. OR CERTIFICATION

DATE APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

*M. J. [Signature]* 12-22-00  
 CONTRACTOR/SUPERINTENDENT DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE

# DAILY REPORT TO INSPECTOR

DATE 12-26-00

CONTRACT NO.  
62470 97-5000

TITLE AND LOCATION  
Uieques NASD TANRwork

REPORT NO.  
0064-017

CONTRACTOR (prime or subcontractor)  
OHM Corp / Rightway Env.

NAME OF SUPERINTENDENT OR FOREMAN  
M. Rivora

WEATHER  
Clear

TEMPERATURE

**WEATHER EFFECTS**

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE  
(if space provide below is inadequate, use additional sheets)

LOCATION AND DESCRIPTION  
OF WORK PERFORMED

NUMBER	TRADE	HOURS	EMPLOYER	
	<u>M. Rivera</u>	<u>10</u>		<u>Tank crew started to back fill excavation using excavated material 4 loads of fill material arrived and placed in excavation. Removed Control Pannels for Rail Carrero checked well. Per setting levels they are OK fill to top 4 drums w/ tanks slopes loadit on to Rightway Plc to be transported to Roosevelt Roads tomorrow</u>
	<u>R. Matos</u>	<u>10</u>		
	<u>R. Garcia</u>	<u>10</u>		

TOTAL WORK HOURS ON JOB SITE THIS DATE  
30

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?

CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT  
1041.5

YES  NO

TOTAL WORK HOURS FROM START OF CONSTRUCTION  
1071.5

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

**CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED**

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE

**CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY**  
(This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
<u>1 SUV</u>	<u>8</u>	

SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN


DEFICIENCIES CORRECTED THIS DATE	REFERENCE	
	REPORT NO.	COMPLIANCE NOTICE NO.

INSPECTION AND/OR TESTING PERFORMED TODAY-FOLLOW WITH REPORT	LOCATION AND/OR ELEMENT OF WORK	REMARKS RESULTS OF INSPECTION/TESTING

SPEC. PARA. AND/OR DRAWING NO.	EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (Description, Sizes, Quantity)	SUBMITTAL NO. OR CERTIFICATION	DATE APPROVED

REMARKS (Include directions received from FOICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

Miguel J. ... 12-26-00  
CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

\_\_\_\_\_  
CONSTRUCTION REPRESENTATIVE      DATE

# DAILY REPORT TO INSPECTOR

DATE  
12-27-00

CONTRACT NO.  
62470 975000

TITLE AND LOCATION  
Vieques NASO TANK Removal

REPORT NO.  
6064 018

CONTRACTOR (prime or subcontractor)  
OAM Corp / Right Way ENV

NAME OF SUPERINTENDENT OR FOREMAN  
M. Rivera

WEATHER  
Clear

TEMPERATURE

**WEATHER EFFECTS**

**PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE**  
(if space provide below is inadequate, use additional sheets)

**LOCATION AND DESCRIPTION OF WORK PERFORMED**

NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	10		Took six batteries that were found in vieques to Tony Dias's yard. where he will dispose them together with other batteries that he had. vent pipes cutted and grouted. transported old transformer found by well #5 over to Bld. # 2015 tank crew. finished back fill tank work completed <del>Retained Vieques</del>
	R. Mabos	9		
	R. Garcia	9		

TOTAL WORK HOURS ON JOB SITE THIS DATE	28
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1071.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1099.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?

YES  NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

**CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED**

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J SITE
<del>1 Site Vehicle</del>		<del>8</del>		

**CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY**  
(\*This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
1 SUV	8	

SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.

INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING

SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)  
DRMO rejected. 6 Batteries found in vieques and transported to Roosevelt Road.  
Because they can only take intact batteries this ones were broken with  
liquids in them. Raul told me to call Tony Dias from A&A for disposal.

Miguel R... 12-27-00  
CONTRACTOR/SUPERINTENDENT      DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE      DATE

# DAILY REPORT TO INSPECTOR

DATE 12-28-00

CONTRACT NO.  
62470 97-5000

TITLE AND LOCATION  
Vieques NASD Tank work

REPORT NO.  
0064 019

CONTRACTOR (prime or subcontractor)  
O'Neil Corp Rightway Env.

NAME OF SUPERINTENDENT OR FOREMAN  
M. Rivera

WEATHER  
clear

TEMPERATURE

WEATHER EFFECTS

PRIME CONTRACTOR/SUBCONTRACTOR WORKFORCE  
(if space provide below is inadequate, use additional sheets)

LOCATION AND DESCRIPTION  
OF WORK PERFORMED

NUMBER	TRADE	HOURS	EMPLOYER	
	M. Rivera	8		Conducted final inspection w/ Raul Carrero no punch list generated. Transported 4 Drums generated from tank excavation over to Roosevelt Roads for disposal by Rightway Env. Paper work  Returned Vieques rental car
	R. Matos	8		

TOTAL WORK HOURS ON JOB SITE THIS DATE 16  
 CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT 1099.5  
 TOTAL WORK HOURS FROM START OF CONSTRUCTION 1115.5

WERE THERE ANY LOST TIME ACCIDENTS THIS DATE?  
 YES  NO

IF "YES", A COPY OF THE COMPLETED OSHA REPORT IS REQUIRED

CONSTRUCTION AND PLANT EQUIPMENT LEFT ON JOB SITE UNTIL USE IS COMPLETED

DESCRIPTION	DATE FIRST ON JOB (First time only)	HOURS WORKED THIS DATE	HOURS IDLED	DATE OF FINAL REMOVAL FROM J. SITE
<u>1 Site vehicle</u>		<u>8</u>		<u>12-28-00</u>

CONSTRUCTION AND PLANT EQUIPMENT NOT LEFT ON JOB SITE PERMANENTLY  
 ("This will include pickup trucks and mobile mounted items, such as compressor, that are also used for transportation to and from the job)

DESCRIPTION	HOURS WORKED	HOURS IDLED
<u>1 SUV</u>		

SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.

INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING

SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S; pertinent information)

  
CONTRACTOR/SUPERINTENDENT

12-28-00  
DATE

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE

DATE



SPEC. PARA.  
AND/OR DRAWING NO.

LOCATION AND DESCRIPTION OF DEFICIENCIES  
(Materials, Equipment, Safety, and/or Workmanship) ACTION TAKEN OR TO BE TAKEN

DEFICIENCIES CORRECTED THIS DATE

REFERENCE

REPORT NO.

COMPLIANCE  
NOTICE NO.

INSPECTION AND/OR TESTING  
PERFORMED TODAY-FOLLOW WITH REPORT

LOCATION AND/OR  
ELEMENT OF WORK

REMARKS  
RESULTS OF INSPECTION/TESTING

SPEC. PARA.  
AND/OR DRAWING NO.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB  
(Description, Sizes, Quantity)

SUBMITTAL NO.  
OR CERTIFICATION

DATE  
APPROVED

REMARKS (Include directions received from ROICC/AROICC, visitors, compliance notices received, errors and/or omission in P/S, pertinent information)

*Michael R...*  
CONTRACTOR/SUPERINTENDENT

12-29-08  
DATE

RECEIVED  
AROICC PRA

CONSTRUCTION REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THIS REPORT

CONSTRUCTION REPRESENTATIVE DATE

APPENDIX H

**Waste Manifests (OHM Remediation Services)**

**Right Way Environmental Contractors, Inc.**

HC 71 Box 3744  
Naranjito, P.R. 00739  
Phone #: 787-857-8832  
Fax #: 787-857-6068

March 11, 2001

Dave Ledenham  
Project Manager  
IT Corporation.

**Re: Removal of Two Each 6,000 gal. Gasoline Tanks. At NASD Vieques.**

Dear Dave,

As per your request enclosed please find the documentation you requested via fax on 3-7-01.

The same was also sent via E-mail to Mrs. Alicia Chang in late February. Apparently she did not get the e-mail at that time. We will resend the same tonight, please let me know her fax number in case our Internet service is messed up again (we have been having problems with it for three weeks).

The enclosed documentation is as follows:

1. Bill of landing for "Industrial Water Services" for the transportation of water contaminated with diesel fuel.
2. Certificate of disposal from "Industrial Water Services", for the water contaminated with diesel.
3. Hazardous waste manifest # NJA 3242088 for the four drums of sludge and gravel contaminated with gasoline.
4. Waste profile sheet submitted to "Cycle Chem." for the drums of sludge and gravel contaminated with gasoline.
5. Certificate of disposal from "A & A Waste Management", where the remains of the two tanks were transported after being cleaned and cut into small pieces.

Should you have any questions or concerns regarding this matter, please contact me at 630-9881.

Sincerely yours,



Pedro Tejada  
Vice-president



**Industrial Water Services**  
1980 Avenue "A"  
Montebello, Alabama 36615

**Facility:**  
1980 Avenue "A"  
Montebello, Alabama 36615  
(334) 694-7500  
FAX: (334) 694-7508

**Corporate Office:**  
1-800-447-3892  
FAX (904) 354-1313

**Customer Service:**  
1-800-IWS-HAUL  
800-149-7428

**Industrial Water Services, Inc.**  
P.O. Box 43369  
Jacksonville, Florida 32203

**Facility:**  
1705 Danese Street  
Jacksonville, Florida 32208  
(904) 354-0372  
FAX: (904) 354-7612

**CERTIFICATE OF COMPLIANCE AND DISPOSAL**

Generator: COMMANDING OFFICER - US NAVAL STATION  
Site Location: ROOSEVELT ROADS, PUBLIC WORKS DEPT., PSC 1008, BOX 3021  
Container number: NCTU0280069

This certifies that on the 25th of January, 2001, 1547 gallons of flammable liquids (contains gasoline with water), as described on straight bill of lading number 012601, was disposed of and/or recycled in compliance with all applicable state, federal and local regulations under Industrial User Permit Number ISN 019.

Facility Name: Industrial Water Services, Inc.

Facility Address: 1640 Talleyrand Avenue  
Jacksonville, FL

Facility EPA ID#: FLD 98 928 414

Certified By: Leslie Detlefsen

Signature: Leslie Detlefsen

Date: January 26, 2001

01/24/2001 08:30 787-846-8130  
01-26-2001 13:04 IWS

CAPITOL PUERTO RICO PAGE 02  
F.83

CARRIER #1: JS TRANSPORT (787) 793-1815  
CARRIER #2: NAVIERAS NPR, INC. (787) 793-3000  
CARRIER #3: RTIS (904) 696-9037

Shipper's No. 112001  
Carrier's No. \_\_\_\_\_

Place of origin, date, and time in effect on the date of this bill of lading:  
City \_\_\_\_\_ State \_\_\_\_\_ Date \_\_\_\_\_

TO: INDUSTRIAL WATER SERVICES, INC.  
Consignee 1640 TALLEYRAND AVENUE  
Street JACKSONVILLE, FLORIDA  
Destination Zip 32206

JOB# LHP0001  
FROM: COMMANDING OFFICER-US NAVAL STATION  
Shipper ROOSEVELT ROADS  
Street PUBLIC WORKS DEPARTMENT  
Origin PSC 1008, BOX 3021  
Zip 34011-3021

Carrier's Name: \_\_\_\_\_ U.S. DOT Hazardous Materials Number: \_\_\_\_\_

Description of article, special marks, and exceptions: \_\_\_\_\_

Hazard Class	ID Number	Packing Group	Weight (kg)	Class or Label	Label required
NA	N/A	N/A	1547	G	N/A

CONTAIN: NCTU 02 8001.9  
Seal: 0020693  
0020694

CARRIER #1: *John Hall*  
CARRIER #2: \_\_\_\_\_

*Dev. IWS*  
*1/26/01*

CERTIFICATE OF DISPOSAL REQUIRED

Remit C.O.D. to:  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

COD AMT: \$ \_\_\_\_\_  
Charges Advanced \$ \_\_\_\_\_  
C. O. D. FEE: Prepaid  Collect

PLACARDS REQUIRED:  YES  NO  
P. ACARDS SUPPLI:  YES  NO - FURNISHED BY CARRIER

SHIPPER: *[Signature]* - U.S. NAVY  
DATE: 1/27/01

CARRIER: \_\_\_\_\_  
PER: \_\_\_\_\_ DATE: \_\_\_\_\_

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 560-2374



Department of Environmental Protection  
Hazardous Waste Regulation Program  
Manifest Section  
P.O. Box 421, Trenton, NJ 08625-0421



3242088

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

Form Approved

OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1 Generator's US EPA ID No. P R D P 8 0 5 3 5 2 2 1		Manifest Document No. 20201		2 Page 1 of 2		Information in the shaded areas is not required by Federal law			
3 Generator's Name and Mailing Address COMMANDING OFFICER US NAVAL STATION ROOSEVELT ROADS PSC 1008, BOX 3021, PUBLIC WORKS DEPT. FPO AA 34051-3021				6. US EPA ID Number				A. State Manifest Document Number <b>NJA 3242088</b>			
4 Generator's Phone ( 787 ) 865-4429				5. Transporter 1 Company Name HECTOR L. GARCIA, INC.				B. State Generator's ID - (Gen. Site Address) NASD VIEQUES, PR			
7. Transporter 2 Company Name NAVIERAS NPR, INC.				8. US EPA ID Number P R D D 0 0 0 7 2 6 8 1 P				C. State Trans. ID - NJDEP Decal No. - H W 5 2			
9. Designation Facility Name and Site Address CYCLE CHEM, INC. 217 SOUTH FIRST ST. ELIZABETH, NJ 07206				10. US EPA ID Number N J D D 0 0 0 7 2 6 8 1 P				D. Transporter's Phone ( 787 ) 793-7815			
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM a. RQ, HAZARDOUS WASTE, SOLID, N.O.S., (BENZENE, TOLUENE), 9, NA3077, PG III				12. Containers No. Type				13. Total Quantity			
								14. Unit Wt/Vol			
								15. Waste No			
								004DM02000 P D 0 1 8			
J. Additional Descriptions for Materials Listed Above CM1-SQ1 ERG#171 a. 55 GALS. STEEL OH				K. Handling Codes for Wastes Listed Above a. S 0 1				c.			
b.				d.							
15. Special Handling Instructions and Additional Information EMERGENCY CONTACT: CAPITOL ENVIRONMENTAL SERVICES, INC. (800)660-2374 CYCLE CHEM GENERATOR NUMBER 925473 JOB No. APR LMPR-0001-0001				IF UNDELIVERABLE, PLEASE RETURN TO GENERATOR							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this container are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.				If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be environmentally practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name: Pedro Gonzalez				Signature: <i>Pedro Gonzalez</i>				Month Day Year: 02/16/01			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name:				Signature:				Month Day Year:			
19. Discrepancy Indication Space											
20. Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name:				Signature:				Month Day Year:			

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

EMERGENCY CONTACT TELEPHONE NUMBER

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.

Manifest Document No.

22. Page

Information in the shaded areas is not required by Federal law.

P-R-D-9-8-0-5-3-6-2-2-1 2020.1

2 OF 2

23. Generator's Name  
COMMANDING OFFICER US NAVAL STATION ROOSEVELT ROADS  
PSC 1000, BOX 3021, PUBLIC WORKS DEPT.  
FPO AA 34051-3021

(787)

865-4429

24. Transporter Company Name

25. US EPA ID Number

FREEHOLD CARTAGE, INC.

N.J.D.054126164

26. Transporter Company Name

27. US EPA ID Number

28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

29. Containers

30. Total Quantity

31. Unit Wt/Vol

32. Weight

a.

b.

c.

d.

e.

f.

g.

h.

i.

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Materials Listed Above

FOR THIRD AND FOURTH TRANSPORTERS

2. Special Handling Instructions and Additional Information

IF UNDELIVERABLE, PLEASE RETURN TO GENERATOR

EMERGENCY CONTACT: CAPITOL ENVIRONMENTAL SERVICES, INC. (800) 560-2374

33. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

34. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

Discrepancy Indication Space

**LC CycleChem, Inc.**

Recycling, Treatment & Disposal of Hazardous Waste

217 South First Street, Elizabeth, NJ 07206 \* 908-355-5800, Fax (908) 355-0562

**LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM**

Generator Name: COMMANDING OFFICER US NAVAL STATION ROOSEVELT ROADS

Generator EPA ID #: PR D 980536221

Manifest #: NJA 3242088 / 20201

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Due to revised LDR notification requirements effective after August 23, 1998, previously approved waste streams will require re-notification on this form with the first shipment after that date. Subsequent notification is not required unless the waste stream changes.

**(1) WASTE STREAM INFORMATION**

**Box A:** Check this box if this LDR certification has been supplied with a previous shipment. Additional information and certification is not required on this form.

**Box B:** Indicate if waste stream is a wastewater (WW) or non-wastewater (NWW) (aqueous waste streams containing < 1% total organic carbon (TOC) and < 1% total suspended solids (TSS) are wastewaters. All other streams are non-wastewaters).

**Box C:** List all EPA waste codes and subcategory reference letters (if applicable). Alternatively, attach and reference additional pages (e.g. profiles or lab pack slips) containing required information.

Line #	A Previously shipped LDR on file	B NWW/WW	C EPA Waste Codes and subcategory reference letter (if applicable)
A	CHI-SQ1	NWW	D018
B			
C			
D			

Subcategory Reference Letters (EPA codes not listed here do not have subcategories)

D001	A	Ignitable characteristic wastes, except high TOC	Ignitable liquids subcategory
D001	B	High TOC (> 10%) ignitable liquid	subcategory
D003	A	Reactive sulfide	subcategory
D003	B	Reactive cyanide	subcategory
D003	C	Water reactive	subcategory
D003	D	Other reactive	subcategory
D006	A	Cadmium non-battery	subcategory
D006	B	Cadmium containing batteries	subcategory
D008	A	Lead non-battery	subcategory
D008	B	Lead acid batteries	subcategory
D009	A	High mercury organic (> 260 PPM Total Mercury)	
D009	B	High mercury inorganic (> 260 PPM Total Mercury)	
D009	C	Low mercury (< 260 PPM Total Mercury)	
D009	D	Mercury wastewater	subcategory

(2) SPENT SOLVENT WASTE CONSTITUENTS

Circle applicable waste code(s) and constituent(s) for each manifest line item containing EPA spent solvent codes F001-F005.

Table with 5 columns for waste codes F001-F005 and lists of chemical constituents such as acetone, benzene, n-butyl alcohol, etc.

(3) UNDERLYING HAZARDOUS CONSTITUENTS

For characteristically hazardous waste streams (EPA codes D001-D043), please list all underlying hazardous constituents as defined in 40 CFR 268.27(i) that are present at concentrations exceeding the universal treatment standards listed in 40 CFR 268.48 (F001-F005 constituents identified in section (2) and specific constituents for U-, P-, and D004-D043 codes listed in Section (1) do not need to be listed in this section).

Table with 2 columns: Constituent Name (A, B, C, D) and Status (None Present).

(4) HOW MUST THESE WASTE STREAMS BE MANAGED?

For each manifest line item, circle applicable treatment/requirement. For contaminated soil, circle applicable choice as indicated.

- Four options for waste management: 1. Not hazardous per 40 CFR 261... 2. EPA hazardous waste not contaminated soil... 3. Hazardous debris... 4. Hazardous waste contaminated soil (selected)...

(5) CERTIFICATION

I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

Signature: Pedro J. Durz
Printed Name: Pedro J. Durz

Title: UST Manager
Date: 2/16/01

UNDERLYING HAZARDOUS CONSTITUENTS UNIVERSAL TREATMENT STANDARDS

Regulated Constituent Organic Constituents Common name

Table with columns: CAS#, WW mg/l, MWW mg/l, and chemical name. Includes entries like 1,4-Dioxane, 1,2,4-Trichlorobenzene, and various PCBs. Some entries have circled values or handwritten notes.

- (1) CAS means Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical salts, end/or esters, the CAS number is given for the parent compound only.
(2) Concentration standards for wastewaters are expressed in mg/l and are based on analysis of composite samples.
(3) Except for Metals (EP or TCLP) and Cyanides (Total and Amendable) the nonwastewater treatment standards expressed as a concentration were established, in part, based on Incineration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O or CFR part 265, subpart O, or based on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions to 40 CFR 268.40 (d). All concentration standards for nonwastewaters are based on analysis of grab samples.
(4) Both cyanides (Total) and Cyanides (Amendable) for nonwastewaters are to be analyzed using method 9010 or 9011 found in 'Test Methods for Evaluating Solid Waste, Physical/Chemical Methods', EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with sample size of 10 grams and a distillation time of one hour and 15 minutes. Fluoride, selenium, sulfide, vanadium and zinc are not underlying hazardous constituents in characteristic wastes, according to the definition in 268.2(f).
NOTE: NA means not applicable.

**A & A Waste Management Inc.**

**CERTIFICATION OF DESTRUCTION**

**THIS IS TO CERTIFY THAT ALL MATERIALS RECEIVED ON DECEMBER 18 FROM:**

**NAME: Rightway Environment**

**HC 71 BOX 3744**

**Naranjito, Puerto Rico 00719**

**Telephone: (787) 857-8831**

**Have been completely destroyed and buried by a certified municipal landfill and that all materials have not been tampered with by anyone.**

**Date: JAN 4 2001**

**By: [Signature]**

**Jose A. Diaz  
President**

Jan-04-2001 14:14

From-CARIBE HYDROBLASTING CORP.

+7878360577

T-151

P.002/003

F-039



**BECKTON ENVIRONMENTAL  
LABORATORIES, INC.**

**ANALYSIS REPORT**

DATE: January 4, 2001

CONTRACT: Caribe Hydroblasting

ATTENTION: Eng. Angel Serrano  
COMPANY: Caribe Hydroblasting

SAMPLE IDENTIFICATION: WASTE DIESEL OIL (NASD VIEQUES)

LAB. SAMPLE ID: BEL-0009213  
LAB. FILE ID: 0009213  
DATE RECEIVED: 12/15/00  
DATE ANALYZED: 12/20/00 (V)

SAMPLER: A. Vera  
MATRIX: Waste diesel oil  
COLUMN: (Pack/Cap) Capillary

**MAXIMUM CONCENTRATION OF CONTAMINANTS  
FOR CHARACTERISTIC OF TCLP TOXICITY**

HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
<b>METALS (SW 846 6010/7470)</b>				
D004	Arsenic	<0.0949	0.0949	5.0
D005	Barium	0.0522	0.0043	100.0
D006	Cadmium	0.0095	0.0071	1.0
D007	Chromium	0.2467	0.0285	5.0
D008	Lead	<0.0949	0.0849	5.0
D009	Mercury	0.0044	0.0024	0.2
D010	Selenium	0.3321	0.0949	1.0
D011	Silver	0.0380	0.0346	5.0
<b>VOLATILE ORGANICS (SW-846 8260)</b>				
D018	Benzene	66.4	2.5	0.5
D019	Carbon Tetrachloride	N.D.	0.125	0.5
D021	Chlorobenzene	N.D.	0.125	100.0
D022	Chloroform	N.D.	0.125	6.0
D027	1,4-Dichlorobenzene	N.D.	0.125	7.5
D028	1,2-Dichloroethane	N.D.	0.125	0.5
D029	1,1-Dichloroethylene	N.D.	0.125	0.7
D035	Methyl Ethyl Ketone	N.D.	0.125	200.0
D039	Tetrachloroethylene	N.D.	0.125	0.7
D040	Trichloroethylene	N.D.	0.125	0.5
D043	Vinyl Chloride	N.D.	0.125	0.2

N.D.- not detected

ANALYSIS REPORT  
PAGE 2

SAMPLE ID: REL-0009213

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point  $\geq 140$  °F

CORROSIVITY: Hazardous Waste Number D 002

The sample does NOT exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

The pH of the sample was 6.43 S.U. @ 22.0 °C.

REACTIVITY: Hazardous Waste Number D 003

Sample does NOT exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	$\leq 10$	ppm (limit 500 ppm)
Cyanide	$\leq 10$	ppm (limit 250 ppm)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

*Rafael Infante*  
Licdo. Rafael Infante  
Laboratory Director  
Chemist License 1888



**MATERIAL HANDLING TABLE  
NASD VIEQUES**

MEDIA TYPE	ESTIMATED VOLUMES	TRANSPORTED TO	DISPOSAL DATE	ACTIVITY/LOCATION GENERATING
General Trash and Debris	20 cu yds	A & A Waste Management	December 18, 2000	Lahueca Trash Clean up
December 12, 2000	40 cu yds	A & A Waste Management		Lahueca Trash Clean up
General Trash and Debris	40 cu yds	A & A Waste Management	December 13, 2000	Lahueca Trash Clean up
General Trash and Debris	40 cu yds	A & A Waste Management	December 15, 2000	Lahueca Trash Clean up
General Trash and Debris	40 cu yds	A & A Waste Management	December 15, 2000	Lahueca Trash Clean up
Empty Car Batteries	6	A & A Waste Management	December 27, 2000	Lahueca Trash Clean up
Gasoline	450 gallons	Camp Garcia	December 13, 2000	UST Building 2015
Diesel Fuel	1400 gallons	Waste Management	December 14, 2000	UST Building 2015
Crushed Fiberglass Tanks	20 cu yds	A & A Waste Management	December 18, 2000	UST Building 2015
Concrete Apron	2 loads	Local Vieques Landfill	December 14 & 15, 2000	UST Building 2015
Tank Cleaning Residue's	4-55 gallon containers	Waste Management	December 27, 2000	UST Building 2015

To 1 ~ Boxes  
4-40 yds 1-20 yds

# A & A WASTE MANAGEMENT

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7587

DATE: 10-05-2000

TIME: \_\_\_\_\_

COMPANY NAME: IT Corp.

TOWN: Vieques P.R.

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: \_\_\_\_\_

CONTAINER:  20 YD.  
 30 YD.  
 40 YD.  
 COMPACTOR  
 OTHER \_\_\_\_\_

MATERIAL:  USED TIRES  
 WOODEN PALLETS  
 PLASTIC  
 GLASS  
 METAL  
 REFUSE  
 CONST. WASTE  
 CARTON  
 OTHER \_\_\_\_\_

Int  
CASA  
20 yrd

SIGNATURE: Miguel Rivera

COMMENTS: \_\_\_\_\_

DRIVER: P. Velazquez

To 5 Boxes  
1-20 yds 1-20 yds

# A & A WASTE MANAGEMENT

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7582

DATE: 12-06-2000

TIME: \_\_\_\_\_

COMPANY NAME: IT Corp.

TOWN: Vieques P.R.

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: \_\_\_\_\_

CONTAINER:  20 YD.  
 30 YD.  
 40 YD.  
 COMPACTOR  
 OTHER \_\_\_\_\_

MATERIAL:  USED TIRES  
 WOODEN PALLETS  
 PLASTIC  
 GLASS  
 METAL  
 REFUSE  
 CONST. WASTE  
 CARTON  
 OTHER \_\_\_\_\_

Int  
CASA  
40 yrd

SIGNATURE: P. Velazquez

COMMENTS: \_\_\_\_\_

DRIVER: P. Velazquez

**A & A WASTE MANAGEMENT**

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

**7590**

DATE: 12-06-2000

TIME: \_\_\_\_\_

COMPANY NAME: IT Corp. 6101

TOWN: Vieques P.R. 7138  
(PR) 8012

CUSTOMER ORDER #: 7740

TICKET #: \_\_\_\_\_ WT. 8093

VERTEDERO: \_\_\_\_\_

CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER \_\_\_\_\_

MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

DRIVER: F. Velazquez

Int  
Caja  
40 yrd.

Total to Beams  
4-40yds 1-20yds

**A & A WASTE MANAGEMENT**

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

**7588**

DATE: 12-05-2000

TIME: \_\_\_\_\_

COMPANY NAME: IT Corp.

TOWN: Vieques P.R.

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: \_\_\_\_\_

CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER \_\_\_\_\_

MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER \_\_\_\_\_

SIGNATURE: Miguel Ruiz

COMMENTS: \_\_\_\_\_

DRIVER: F. Velazquez

Int  
Caja  
40 yrd

# A & A WASTE MANAGEMENT

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7591

DATE: 12-12-2000

TIME: \_\_\_\_\_

COMPANY NAME: TT Corp

TOWN: U.S. GARDEN R.R.

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: \_\_\_\_\_

### CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER \_\_\_\_\_

### MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER \_\_\_\_\_

### SIGNATURE:

### COMMENTS:

### DRIVER:

*[Handwritten signature]*  
*[Handwritten signature]*

*711*  
*11/11*  
*11/11*

# A & A WASTE MANAGEMENT

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7592

DATE: 11-12-2000

TIME: \_\_\_\_\_

COMPANY NAME: I T Corp

TOWN: Vicques PR

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: \_\_\_\_\_

CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER \_\_\_\_\_

MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER \_\_\_\_\_

SIGNATURE: *Francis J. Costa*

COMMENTS: \_\_\_\_\_

DRIVER: *[Signature]*

Rec. Casa Hoyrd

# A & A WASTE MANAGEMENT

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7597

DATE: 12-15-2000

TIME: \_\_\_\_\_

COMPANY NAME: I T Corp

TOWN: Vicques PR

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: \_\_\_\_\_

CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER \_\_\_\_\_

MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

DRIVER: *[Signature]*

LMSA SERU Casa Hoyrd

**A & A WASTE MANAGEMENT**

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7596

DATE: 12-15-2000

TIME:

COMPANY NAME: IT Corp

TOWN: Ueques RR

CUSTOMER ORDER #:

TICKET #: WT.

VERTEDERO:

CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER

MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER

Rec

SIGNATURE:

COMMENTS:

DRIVER: F. Delany

**A & A WASTE MANAGEMENT**

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7598

DATE: 12-18-2000

TIME:

COMPANY NAME: IT Corp

TOWN: Ueques RR

CUSTOMER ORDER #:

TICKET #: WT.

VERTEDERO:

CONTAINER:

- 20 YD.
- 30 YD.
- 40 YD.
- COMPACTOR
- OTHER

MATERIAL:

- USED TIRES
- WOODEN PALLETS
- PLASTIC
- GLASS
- METAL
- REFUSE
- CONST. WASTE
- CARTON
- OTHER

LAST  
SERV  
CAGN  
20 YD

SIGNATURE:

COMMENTS:

DRIVER: F. Delany

# A & A WASTE MANAGEMENT

P.O. BOX 420026  
ROOSEVELT ROADS, P.R. 00742-0026  
(787) 750-2980 / 865-0010

7593

DATE: 12-13-2000

TIME: \_\_\_\_\_

COMPANY NAME: IT Corp  
TOWN: Vieques RR.

CUSTOMER ORDER #: \_\_\_\_\_

TICKET #: \_\_\_\_\_ WT. \_\_\_\_\_

VERTEDERO: RR LF

CONTAINER: \_\_\_\_\_  
 20 YD.  
 30 YD.  
 40 YD.  
 COMPACTOR  
 OTHER \_\_\_\_\_

MATERIAL: \_\_\_\_\_  
 USED TIRES  
 WOODEN PALLETS  
 PLASTIC  
 GLASS  
 METAL  
 REFUSE  
 CONST. WASTE  
 CARTON  
 OTHER \_\_\_\_\_

*serv.*  
*Caja*  
*40 yrd*

SIGNATURE: *Francis J. Cente*

COMMENTS: \_\_\_\_\_

DRIVER: *S. De Luna*