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RCRA Final Permit Required Quarterly Progress Report Period August 1, 2003 - October 31, 2003

Naval Station Roosevelt Roads

RCRA/HSWA Permit No. PR2170027203

Ceiba, Puerto Rico

Prepared For

Department of the Navy

Atlantic Division
Naval Facilities Engineering Command

Norfolk, Virginia

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LIST OF ATTACHMENTS

1 Tow Way Fuel Farm - Quarterly Summary Progress Report No. 27 (August 1, 2003 – October 31, 2003), Naval Station Roosevelt Roads

INTRODUCTION

This quarterly report is comprised of the following separate sections:

1. Work Completed - A description of activities conducted, pursuant to the provisions of the Corrective Action portion of the Final Permit, during the reporting period.

2. Summary of Findings - A brief summary of corrective action related findings developed during the reporting period.

3. Summary of Changes - A brief summary of any changes made in the corrective action program.

4. Community Relations Summary - A brief summary of any contacts made with the local community or interested groups during the reporting period.

5. Problems Encountered/Response Taken - A brief summary of problems or conditions that caused a response to be made in the corrective action program.

6. Personnel Changes - Personnel changes made during the period.

7. Planned Work - A list of tasks planned for the next period.

Each section includes a separate list of contents and separate attachments as necessary and appropriate.

SECTION 1
WORK COMPLETED

Work was performed on a number of tasks related to the corrective action portion of Naval Station Roosevelt Roads (NSRR) Resource Conservation and Recovery Act (RCRA) operating permit. Tasks, which were commenced, worked on, or completed this period, August 1, 2003 – October 31, 2003, include:

- Work continued on the updating of the Roosevelt Roads RCRA Corrective Action Program web sites.

- Submitted a response to EPA comment letter dated June 10, 2003 on August 11, 2003, dealing with the Draft TCE Plume Source Delineation Work Plan for the Tow Way Fuel Farm (TWFF).

- Submitted the Roosevelt Roads RCRA Final Permit Required Quarterly Progress Report for the period May 1, 2003 – July 31, 2003, on August 21, 2003.

Each of these items is discussed in detail in the numbered sections, which follow.

1. Corrective Action Activities Status

Table 1-1 (provided at the end of this section) provides a brief update of Corrective Action activities for each Solid Waste Management Unit (SWMU) or Area of Concern (AOC). This table was first used as part of a presentation made at the October 1997 Joint Interest Group (JIG) meeting. The group decided that the table would be a valuable addition to the quarterly report. This table continues to be updated and included in this report as a result of the JIG decision.

2. Reporting Activities

The Navy responses to EPA comment letter dated June 10, 2003 dealing with the Draft Trichloroethene (TCE) Plume Source Delineation Work Plan for the Tow Way Fuel Farm, were submitted on August 11, 2003.

3. Tow Way Fuel Farm

There were efforts undertaken at the Tow Way Fuel Farm in two general areas. Each of these areas is discussed below.

Phase Separated Hydrocarbon Recovery Program

The phase separated hydrocarbon (PSH) recovery system continued to be off-line this quarter. The measurement reports for this period are provided in the quarterly Tow Way Fuel Farm report. Although it should be noted that PSH recovery has resumed at the TWFF effective March 2001. This is being conducted monthly following the gauging activities. Any well that has measurable PSH is being purged to remove the product from the well. A total of 24.99, 9.39, and 12.53 gallons were recovered during the August, September, and October 2003 monitoring events respectively. However, as thoroughly explained in Section 5.0 of this report, Baker Environmental, Inc. (Baker) revealed discrepancies in the amount of product being collected underestimating the amount of product being reported to Baker on a monthly basis, dating back to April 2003. Therefore, the values mentioned above were reported to Baker, however, they may underestimate the total amount of product purged from the TWFF monitor wells during that time period.

The twenty-seventh quarterly Interim Corrective Measure (ICM) progress report for the Tow Way Fuel Farm PSH recovery system is provided as Attachment 1 to this RCRA quarterly report. This report contains a summary of the monthly monitoring, which was conducted at the TWFF during the period of August 1, 2003 through October 31, 2003. This report also contains tables and figures containing all PSH and groundwater levels, groundwater elevation and product thickness contours, and PSH quantities recovered from TWFF wells. This change in reporting was agreed to by all members of the JIG during the August 2000 meeting. However, due to the gauging discrepancies mentioned in Section 5.0 of this report, there will not be any groundwater contour figures nor free product thickness and extent maps for the months of September and October 2003. In addition, the tables found in the above mentioned Tow Way Fuel Farm quarterly ICM progress report, will not contain any data for the months of September and October, with the exception of the “Gallons Removed” section of Table 4. Instead, a footnote has been added to these tables to signify that the reported gallons recovered does not accurately reflect the actual amount of product removed for those two months.

Corrective Measures Study

The initial Corrective Measures Study (CMS) Task I report for the Tow Way Fuel Farm was submitted November 30, 1998. EPA comments were received March 15, 1999 (March 8 letter). Based on the comments, an addendum report was provided April 21, 1999, which significantly revised the clean up levels. Comments on the revised Section 3.0 (the clean-up goal development section) were transmitted in an EPA letter of June 30, 1999. The clean-up goals were revised and the Revised Draft CMS Task I Report for the TWFF was submitted January 21, 2000. Comments on the Revised Draft CMS Task I Report for the TWFF were issued on May 4, 2000. A response to these comments was submitted on June 29, 2000. Comments on the Navy's response to EPA's comments dealing with the CMS Task 1 Report for the TWFF were issued October 10, 2000. A response to these comments was submitted on November 8, 2000. A meeting to discuss the TWFF CMS was conducted at the EPA Region II Offices in New York City on December 19, 2000. The final meeting minutes from the TWFF CMS meeting was submitted on January 19, 2001. On January 31, 2001, the Navy submitted the Revised Section 3.0 of the Task I CMS Report. Also submitted on January 31, 2001, was the Draft Work Plan for Additional Data Collection at the TWFF. This report is in response to the December 19, 2000 meeting held at the EPA Region II Offices in New York City. Comments on the Revised Section 3.0 of CMS Task I Report for TWFF and the work plan for Additional Data Collection, TWFF were issued on May 4, 2001. Appendix B for the Revised Section 3.0 of the Task I CMS TWFF was submitted on June 13, 2001. The Draft Final Work Plan for Additional Data Collection for SWMU 7/8 was submitted on July 6, 2001. Comments on the Draft Final Additional Data Collection Work Plan were issued on August 8, 2001. The Final Work Plan for Additional Data Collection at the TWFF was submitted on September 26, 2001. A Draft Work Plan for Ecological Risk Assessment (ERA) for SWMU 7/8 was also submitted on September 26, 2001. A revision to the work plan was submitted on November 2, 2001. On November 21, 2001 the EPA approved the Additional Data Collection and ERA Work Plans. EPA requested a revised schedule for implementing the CMS at the TWFF. A revised CMS schedule for the TWFF was submitted on December 5, 2001. EPA approved the revised schedule January 3, 2002. The additional data collection field investigation was initiated on January 6, 2002 and completed on March 14, 2002. A proposed revision to the proposed corrective measure schedule for the TWFF was submitted on March 26, 2002. The Draft Final CMS Task I Report for the TWFF was submitted on July 9, 2002. Included as appendices within the Task I Report were the Draft Additional Data Collection Investigation Report and the Draft Groundwater Model for the TWFF. EPA comments on the Draft Final CMS Task I Report were provided in a letter dated October 24, 2002. An addendum to this report was submitted on January

6, 2003. Replacement pages for the addendum, as well as responses to EPA's comment letter dated October 24, 2002 were submitted on January 8, 2003. EPA comments on the Draft Final CMS Task I Report, as well as the Navy responses to EPA comments dated October 24, 2002 were provided in a letter dated March 13, 2003. Replacement pages for the Revised Draft Final CMS Task I Report, as well as for the Draft Final Additional Data Collection Investigation Report were submitted April 22, 2003. The Navy responses to EPA comment letter dated March 13, 2003 was also submitted on April 22, 2003. The Draft TCE Plume Source Delineation Work Plan for the TWFF was submitted on May 8, 2003. Replacement pages for the Final CMS Task I Report were submitted on May 23, 2003. The Navy responses to EPA comment letter dated April 22, 2003 was also submitted on May 23, 2003. EPA approval on the Final CMS Task I Report for the TWFF was provided in a letter dated June 10, 2003. EPA also commented on the Draft TCE Plume Source Delineation Work Plan for the TWFF. The Final TCE Plume Source Delineation Work Plan for the TWFF was submitted on July 25, 2003. The Navy responses to EPA comments on the Draft TCE Plume Source Delineation Work Plan dated June 10, 2003 was submitted on August 11, 2003. The fieldwork associated with the Final TCE Plume Source Delineation Work Plan was initiated September 12, 2003 and completed September 28, 2003.

4. Joint Interest Group

A JIG meeting was conducted at EPA Region II offices on October 23, 2003. Attendees included representatives from NSRR, Atlantic Division, Naval Facilities Engineering Command (LANTDIV), Baker, Booz, Allen, and Hamilton (BAH), and EPA Region II.

5. Site Management Plan (SMP)/Website Development

An updated version of the SMP was posted to the Roosevelt Roads RCRA Corrective Action Program team website on August 8, 2003.

Work continued on updating the Roosevelt Roads RCRA Corrective Action Program team website. This internet available resource contains program reports, schedules, Project Geographic Information System (GIS), and other project information. The website is password protected to limit access to the JIG members. The website is currently up and running, and is continuing to be updated.
The NSRR public website is currently up and running. This internet available resource was set up by the Navy to provide the public with information about the Installation Restoration Program at NSRR, as well

as to encourage public participation in the clean-up process. The URL for this website is www.nsrr-ir.org.

6. Corrective Measure Studies (other than the Tow Way Fuel Farm)

Comments on the streamlined CMS for SWMU 13 and SWMU 46/AOC C were received in an EPA letter dated July 27, 1999. Response to these comments along with the Final CMS Report was submitted on September 30, 1999. Comments on the Draft Final CMS Final Report for SWMU 13 and SWMU 46/AOC C were received in an EPA letter dated December 10, 1999. A response to EPA comments was submitted January 13, 2000. The Revised Final CMS Final Report for SWMU 13 and SWMU 46/AOC C was submitted on January 26, 2000. Comments on this report were received in an EPA letter dated March 15, 2000. Response to these comments was submitted in a Navy letter on May 30, 2000. The Draft Corrective Measures Implementation (CMI) Work Plan Design Package for SWMUs 13 and 46/AOC C were submitted on July 10, 2000. The Revised Final II CMS Final Report for SWMU 13 and SWMU 46/AOC C was submitted on August 4, 2000. Comments on this report and the Draft CMI Work Plan Design Package, were received in an EPA letter dated September 15, 2000. The CMS stage of the investigation has now been approved. A response to EPA comments as well as the Final CMI Work Plan Design Package was submitted on November 3, 2000 for SWMUs 13 and 46/AOC C. Comments on this report were received in an EPA letter dated December 5, 2000. The 100% Final CMI Work Plan Design Package for SWMUs 13 and 46/AOC C was submitted on January 25, 2001. Response to the December 5, 2000 EPA comment letter was submitted on January 26, 2001. EPA approved the 100% Final CMI Work Plan Design Package for SWMUs 13 and 46/AOC C in an EPA letter dated May 4, 2001.

Draft CMS Work Plans for SWMUs 1 and 2 and SWMU 45 were submitted on April 1, 1999. Comments on the work plans were received in an EPA letter dated August 11, 1999. The Final CMS Work Plans for SWMUs 1 and 2, and SWMU 45 were submitted on October 29, 1999. Comments on these work plans were received in an EPA letter dated January 20, 2000. A conference call discussing these comments was conducted on February 10, 2000. Response to these comments was submitted in a Navy letter on February 23, 2000. The Revised Final CMS Work Plans for SWMUs 1 and 2, and SWMU 45 were submitted on March 10, 2000. Comments on the work plans were received in an EPA letter dated May 4, 2000. Response to these comments was submitted in a Navy letter on July 13, 2000. The Revised Final II CMS Work Plans for SWMUs 1 and 2, and SWMU 45 were submitted on July 14, 2000.

Comments on this report were received in an EPA letter dated September 15, 2000. Response to these comments was submitted in a Navy letter on October 19, 2000. EPA approved the Navy's October 19, 2000 response to comment letter in an EPA letter dated May 4, 2001. The Navy submitted Screening-Level Ecological Risk Assessment Problem Formulation and Additional Data Collection Work Plan for SWMUs 1, 2, and 45 on July 2, 2001. Comments on this report were received in an EPA letter dated October 4, 2001. An Addendum to the Draft Screening Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate for SWMUs 1, 2, and 45 was submitted on May 14, 2003 and May 22, 2003, respectively. The Navy responses to EPA comment letter dated October 4, 2001 was also submitted with these two submissions. Comments on the Addendum to the Draft Screening Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate for SWMUs 1, 2, and 45, were received in an EPA letter dated June 10, 2003. The fieldwork associated with these sites was initiated July 23, 2003 and completed August 8, 2003.

A Draft CMS Work Plan for SWMU 6/AOC B was submitted on January 7, 2000 in response to the EPA comment letter dated November 5, 1999. The Draft CMS Work Plan for SWMU 6/AOC B was approved in an EPA letter dated March 15, 2000. Response to these comments was submitted in a Navy letter on May 30, 2000. The Draft CMS Final Report for SWMU 6/AOC B was submitted on May 30, 2000. Comments on the report were received in an EPA letter dated July 5, 2000. Response to these comments was submitted in a Navy letter on August 22, 2000. The Draft Final CMS Final Report for SWMU 6/AOC B was submitted on November 30, 2000. Comments on the Draft Final CMS Final Report were received in an EPA letter dated May 4, 2001. The Final CMS Final Report for SWMU 6/AOC B, as well as the response to EPA comment letter dated May 4, 2001, was submitted on June 21, 2001.

A Draft CMS Work Plan for SWMU 9 was submitted on July 14, 2000 in response to the EPA comment letter dated May 4, 2000. Comments on this work plan were received in an EPA letter dated September 15, 2000. A conference call was conducted on September 27, 2000 to discuss the EPA and BAH comments (dated September 15, 2000) on the Draft CMS Work Plan for SWMU 9. A conference call was conducted on October 16, 2000 to discuss the Navy draft responses to EPA comments (dated 9/15/00) submitted October 10, 2000. On October 20, 2000 the Navy provided the EPA a listing of chemicals to be evaluated for SWMU 9 as discussed during the October 16, 2000 conference call. On October 24, 2000 the EPA commented on the site related chemicals for SWMU 9. On October 27, 2000 the Navy provided responses to the EPA comments dated October 24, 2000 on the site related chemicals

for SWMU 9. On October 31, 2000 the EPA commented on the Navy responses dated October 27, 2000 on the site related chemicals for SWMU 9. On November 13, 2000 the Navy provided responses to EPA comment letter dated September 15, 2000 on the Draft CMS Work Plan for SWMU 9. The Navy submitted the Draft Final CMS Work Plan for SWMU 9 on November 15, 2000. Comments on this report were received in an EPA letter dated December 5, 2000. The Final CMS Work Plan for SWMU 9 was submitted on January 15, 2001. EPA approved the Final CMS Work Plan for SWMU 9 in an EPA letter dated May 4, 2001. The Draft CMS Investigation Report for SWMU 9 was submitted on July 2, 2001. Comments on this report were received in an EPA letter dated October 4, 2001. Due to funding constraints, response to these EPA comments was not submitted by the Navy until September 5, 2002. Comments on the Navy's response to EPA comments were received in an EPA letter dated November 19, 2002. On December 23, 2002 the Navy provided responses to EPA comment letter dated November 19, 2002. Comments on the Navy responses were received in an EPA letter dated February 19, 2003. The Draft Additional Data Collection Work Plan, as well as the Final Corrective Measures Study Investigation Report for SWMU 9 was submitted on April 25, 2003. EPA approved the Final CMSI Report and the Draft Additional Data Collection Work Plan on June 3, 2003. The fieldwork associated with the EPA approved work plan was initiated on July 13, 2003 and completed July 18, 2003.

A Draft CMS Final Report for SWMU 31/32 was submitted on January 28, 2000. Comments on the report were received in an EPA letter dated March 15, 2000. Response to these comments was submitted in a Navy letter on May 30, 2000. The Final CMS Final Report for SWMU 31/32 was submitted on April 17, 2000. Comments and approval of the report were received in an EPA letter dated May 4, 2000. A Draft CMI Work Plan Design Package for SWMU 31/32 was submitted on August 14, 2000. Comments on this report were received in an EPA letter dated December 5, 2000. The Final CMI Work Plan Design Package for SWMU 31/32 was submitted on January 25, 2001. Response to the December 5, 2000 EPA comment letter was submitted on January 26, 2001. EPA approved the Final CMI Work Plan Design Package for SWMU 31/32 in an EPA letter dated May 4, 2001.

A Draft CMS Work Plan for SWMU 53 and 54 was submitted on November 27, 2002 in response to the EPA comment letter dated September 19, 2002. Comments on this work plan were received in an EPA letter dated February 19, 2003. The Final CMS Work Plan for SWMUs 53 and 54 was submitted on March 7, 2003. EPA approved the Final CMS Work Plan on June 3, 2003. The Draft CMS Final Report, along with the Draft Corrective Measures Study Investigation (CMSI) Report for SWMU 53 was submitted on July 23, 2003.

A Draft CMS Final Report for SWMU 10 was submitted on July 6, 2001.

7. Investigations

The field investigation associated with the Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment at SWMUs 1, 2, and 45 was initiated on July 23, 2003 and completed August 8, 2003.

The field investigation associated with the Final Recharacterization Work Plan and Interim Measures Plan for SWMU 11 was initiated September 7, 2003 and completed September 11, 2003.

The field investigation for the Semi-Annual Groundwater Monitoring at the Base Landfill was initiated on September 12, 2003, and completed on September 17, 2003.

The field investigation associated with the Final TCE Plume Source Delineation Work Plan was initiated September 12, 2003 and completed September 28, 2003.

TABLE 1-1

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
OCTOBER 31, 2003

SWMU or Area of Concern	RFI Type	Status
#1 Former Cremator Disposal Site	Full[1]	RFI completed and approved 9/28/99. Revised Final II CMS Work Plan submitted 7/14/00 and EPA approved 5/4/01. CMS initiated. Draft Screening-Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate submitted 8/10/01. Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment submitted 8/10/01. EPA commented 10/4/01 approving Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment. Addendum to the Draft Screening-Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate, including response to comments submitted 5/14/03. EPA provided contingent approval 6/10/03. Field investigation initiated7/23/03 and completed 8/8/03. Navy to prepare Draft Additional Data Collection Report in Support of Ecological Risk Assessment.
#2 Langley Drive Disposal Site	Full	RFI completed and approved 9/28/99. Revised Final II CMS Work Plan submitted 7/14/00 and EPA approved 5/4/01. CMS initiated. Draft Screening-Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate submitted 8/10/01. Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment submitted 8/10/01. EPA commented 10/4/01 approving Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment. Addendum to the Draft Screening-Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate, including response to comments submitted 5/14/03. EPA provided contingent approval 6/10/03. Field investigation initiated 7/23/03 and completed 8/8/03. Navy to prepare Draft Additional Data Collection Report in Support of Ecological Risk Assessment.
#3 Base Landfill	Full	RFI Investigations need to be done. Schedule to be negotiated based on Navy funding. Two wells installed and sampled to meet solid waste requirements. Analytical work and validation complete. Geophysics portion of SWMU 3 RFI was completed in June 1999. Remaining replacement wells installed in December 2000. EPA approved Final RFI Work Plan submitted 1/24/02. RFI and Subtitle D fieldwork initiated 2/28/02 and completed 3/12/02. Draft RFI Report submitted 9/4/02. Draft Semi-Annual Groundwater Monitoring Report for March 2002 submitted 9/11/02. Subtitle D fieldwork initiated 9/23/02 and completed 9/25/02. EPA comment letter 11/19/02 on the Draft RFI Report. Final RFI Report and responses submitted 12/23/02. Draft Semi-Annual Groundwater Monitoring Report for September 2002 submitted 1/6/03 to NSRR and LANTDIV. EPA comment letter 2/19/03 on the Navy's responses. Revised Final RFI Report submitted 3/18/03. Subtitle D fieldwork initiated 3/23/03 and completed 3/25/03. Draft Semi-Annual Groundwater Monitoring Report for March 2003 submitted 6/26/03 to NSRR and LANTDIV. Groundwater Sampling Event initiated 9/12/03 and completed 9/17/03. Upcoming work includes preparation of the RCRA Subtitle D Groundwater Monitoring Report based on data from the September sampling event.
#6 Building 145	First Phase[2]	RFI complete EPA comment letter 11/5/99. Draft CMS Work Plan submitted 1/7/00 and EPA approved 3/15/00. Draft CMS Final Report submitted 5/30/00. EPA comment letter 7/5/00. Responded to EPA comments 8/22/00. Draft Final CMS Final Report submitted 11/30/00. EPA comment letter 5/4/01. Final

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
OCTOBER 31, 2003

SWMU or Area of Concern	RFI Type	Status
#6 Building 145 (Cont.)		CMS Final Report and response to comments submitted 6/21/01. No further action recommended in RCRA Permit Renewal.
#7 Tow Way Fuel Farm	Full	RFI completed and approved 9/9/97. Additional investigations required as part of the CMS, work plan submitted 12/12/97. EPA commented 2/11/98. Responded to comments 5/6/98. CMS field investigations performed 4/98. Draft CMS Report for TWFF submitted 6/30/98 and EPA approved 10/2/98. Response to comments submitted 12/16/98. EPA comment letter 3/8/99. Response to comments and EPA approved Final CMS Investigation Report submitted 4/21/99. CleanOX® pilot study performed January 1999. Final CleanOX® Pilot Test Report submitted 10/99. ICM was postponed, but associated monitoring continued. Work Plan for TWFF Investigations related to detections of TCE in Groundwater submitted 4/21/99 and EPA approved 5/12/99. TCE Investigation performed 6/99. Draft TCE Investigation Report submitted 12/10/99 and EPA approved 1/20/00. Final TCE Investigation Report submitted 2/15/00. Draft CMS Task I Report submitted 11/30/98, EPA commented 3/8/99. Revised Draft CMS Task I Report submitted January 21, 2000, EPA commented 5/4/00. Response to comments submitted 6/29/00 and EPA commented 10/10/00. Draft Pilot Test to Evaluate Enhancement of Product Recovery Report for TWFF SWMU 7/8 submitted 10/31/00. Response to EPA comments dated 10/10/00 submitted 11/8/00. Revised Section 3.0 of the Task I CMS submitted 1/31/01 and EPA commented 5/4/01. Draft Work Plan for Additional Data Collection submitted 1/31/01 and EPA commented 5/4/01. Draft Final Work Plan for Additional Data Collection submitted 7/6/01 and EPA commented 8/8/01. Final Work Plan for Additional Data Collection for TWFF and Draft Work Plan for Ecological Risk Assessment submitted 9/26/01. Revisions to the work plans submitted 11/02/01 and EPA approved 11/21/01. Fieldwork initiated 1/6/02 and completed 03/14/02. Proposed revision to corrective measure schedule submitted 3/26/02. Draft Final CMS Task I Report along with the Draft Additional Data Collection Investigation Report and the Draft Groundwater Model Report submitted 7/09/02. EPA commented 10/24/02. Addendum to the Draft Final CMS Task I Report submitted 1/6/03. Replacement pages for the addendum and response to comments submitted 1/8/03. EPA comment letter 3/13/03. Replacement pages for the Revised Draft Final CMS Task I Report and response to comments submitted 4/22/03. Draft TCE Plume Source Delineation Work Plan submitted 5/8/03. Replacement pages and responses for the Final CMS Task I Report submitted 5/23/03. EPA comment letter on the Draft TCE Plume Work Plan and approval on the replacement pages for the Final CMS Task I Report dated 6/10/03. Final TCE Plume Source Delineation Work Plan submitted 7/25/03. Response to EPA comments dated 6/10/03 submitted 8/11/03. Field investigation initiated 9/12/03 and completed 9/28/03. Navy to prepare Draft CMS Final Report and Draft TCE Investigation Report.
#8 Tow Way Fuel Farm - Disposal Pits	Full	Combined with SWMU 7.
#9 Tank 212-217 Sludge Burial Pits	Full	RFI completed and approved 5/4/00. Final CMS Work Plan submitted 1/15/01 and approved by EPA 5/4/01. CMS investigation completed 02/01. Draft CMS Investigation Report submitted 7/2/01. EPA

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
OCTOBER 31, 2003

SWMU or Area of Concern	RFI Type	Status
#9 Tank 212-217 Sludge Burial Pits (Cont.)		commented 10/4/01. Response to comment letter dated 9/5/02 after funds became available in August 2002. EPA commented 11/19/02. Responded to EPA comments 12/23/02. EPA comment letter 2/19/03. Draft Additional Data Collection Work Plan and Final Corrective Measures Study Investigation Report submitted 4/25/03 and EPA approved 6/3/03. Field investigation was initiated 7/13/03 and completed 7/18/03. Navy to prepare Draft Additional Data Collection Investigation Report.
#10 Substation 2/Building 90	First Phase	RFI additional investigation performed 9/97. Draft RFI Report for Additional Investigations at OUs 1, 6, and 7 completed 5/6/98. No comments in EPA comment letter 9/15/98. March 7, 2000 EPA requested CMS to be developed. Draft CMS Final Report submitted 7/6/01. No further action recommended in RCRA permit renewal.
#11 Old Power Plant/Building 38	Full	RFI completed and approved 9/28/99. Bldg. interior additional characterization depends on result of EPA review of data and recharacterization work plan submitted 3/31/98. EPA comment letter 3/08/02. Navy letter dated 5/14/02. Draft Recharacterization Work Plan and response to comment letter submitted 3/18/03. EPA comment letter 6/3/03. Final recharacterization work plan and response to comment letter submitted 7/21/03 and EPA approved via e-mail on 8/14/03. Field investigation initiated 9/7/03 and completed 9/11/03. Upcoming work includes preparation of a Draft Recharacterization Report.
#12 Fire Training Pit Oil/Water Separator	First Phase	RFI complete. No further action proposed in RCRA Part B permit renewal.
#13 Old Pest Control Shop/Building 258	First Phase	Draft RFI Report for Additional Investigations for OUs 1, 6, and 7 completed 5/6/98. EPA approved 5/6/98 report and requested CMS 9/15/98. Revised Final II CMS Final Report submitted 8/4/00 and EPA approved 9/15/00. 100% Final CMI Work Plan Design Package submitted 1/25/01 and EPA approved 5/4/01. EPA to send CMI Work Plan out for public comment.
#14 Fire Training Pit Area	First Phase	Draft RFI Report for OU 1, 6, and 7 completed 7/96. Revised Human Health Risk Assessment Report was submitted 2/4/00. EPA comment letter 7/5/00. Responded to EPA comments 8/22/00. Draft Interim Decision Document submitted 11/22/00 and approved by the EPA 5/4/01. Further action deferred till site closed.
#19 Building 121 - Discarded Pesticide Storage Area	Contingent	RCRA closure approved by EPA - no further action.
#23 Oil Spill Separator Tanks	First Phase	RFI complete. No comments. No further action proposed in Part B permit renewal.
#24 Oil Spill Oil/Water Separator & Adjoining Pad	First Phase	RFI complete. No comments. No further action proposed in Part B permit renewal.
#25 DRMO Storage Yard	First Phase	Further action deferred to permitted unit site closure.

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
OCTOBER 31, 2003

SWMU or Area of Concern	RFI Type	Status
#26 Building 544 Area	First Phase	RFI completed and approved 10/99. No further action proposed in Part B permit renewal.
#30 Former Incinerator	First Phase	RFI completed and approved 1/20/00. No further action proposed in Part B permit renewal.
#31 Waste Oil Collection Area/Building 31 and 2022	First Phase	RFI additional investigation performed 9/97. Draft RFI Report for Additional Investigations completed 5/6/98. EPA comment letter 9/15/98 indicated the need for a CMS. Final CMS Final Report submitted 4/17/00 and EPA approved 5/4/00. Final CMI Work Plan Design Package submitted 1/25/01 and EPA approved 5/4/01. EPA to send CMI Work Plan out for public comment.
#32 PWD Storage Yard/Battery Collection Area	First Phase	[See SWMU 31]
#37 Waste Oil Storage Area/Building 200	First Phase	RFI complete EPA comment letter 11/8/96. Responded to EPA comments 1/20/97. No further action proposed in Part B permit renewal.
#39 Building 3158/Former Battery Drain Area	First Phase	RFI complete. No comments. No further action proposed in Part B permit renewal.
#45 PCB Spill Area/Old Power Plant	Full	ICM which included the removal of sludge and liquids, as well as the cleaning, backfilling, and filling the USTs and tunnels with concrete completed. Revised Draft RFI Report for OU 3/5 completed 4/1/99 and EPA approved 9/28/99. CMS for Puerca Bay sediments is planned. Revised Final II CMS Work Plan submitted 7/14/00 and EPA approved 5/4/01. CMS initiated. Draft Screening-Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate submitted 8/10/01. Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment submitted 8/10/01. EPA commented 10/4/01 approving the Draft Additional Data Collection Work Plan in Support of Ecological Risk Assessment. Addendum to the Draft Screening-Level Ecological Risk Assessment Problem Formulation (Step 1) and Exposure Estimate, including response to comments submitted 5/22/03. EPA provided contingent approval 6/10/03. Field investigation initiated 7/23/03 and completed 8/8/03. Navy to prepare Draft Additional Data Collection Report in Support of Ecological Risk Assessment.
#46 Pole Storage Yard Covered Pad (Continued)		Draft RFI Report for Additional Investigations for OUs 1, 6, and 7 completed 5/6/98. EPA approved 5/6/98 report and requested CMS 9/15/98. Combined with AOC C for CMS. Revised Final II CMS Final Report submitted 8/4/00 and EPA approved 9/15/00. 100% Final CMI Work Plan Design Package submitted 1/25/01 and EPA approved 5/4/01. EPA to send CMI Work Plan out for public comment
#51 New AIMD Storage Pad/Building 379	First Phase	RFI complete. No comments. No further action proposed in Part B permit renewal.
#53 Malaria Control Building/Building 64	First Phase	Draft Sampling and Analysis Plan submitted 8/4/00 and EPA approved 10/10/00. Field investigations performed in December 2000. Draft Sampling and Analysis Report submitted 4/11/01. EPA comment letter 7/5/01. Final RFI Work Plan submitted 12/6/01 and EPA approved 1/3/02. Fieldwork initiated 2/11/02 and completed 3/14/02. Draft RFI Report submitted 7/17/02. EPA commented 9/19/02 providing contingent approval of the Draft RFI Report and requesting a CMS work plan be submitted. Draft CMS Work Plan submitted 11/27/02. EPA comment letter 2/19/03. Final CMS Work Plan

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
OCTOBER, 2003

SWMU or Area of Concern	RFI Type	Status
#53 Malaria Control Building/Building 64 (Cont.)		submitted 3/7/03 and EPA approved 6/3/03. Replacement pages constituting the Final RFI Report submitted 7/23/03. Draft CMS Final Report submitted 7/23/03. Draft CMSI Report submitted 7/23/03. Upcoming work includes preparation of the Final CMS Final Report, as well as the Final CMSI Report upon receipt of EPA comment letter on the Draft versions.
#54 Former NEX Repair/Maintenance Shop/Building 1914	First Phase	Draft Sampling and Analysis Plan submitted 8/4/00 and EPA approved 10/10/00. Field investigations performed in December 2000. Draft Sampling and Analysis Report submitted 4/11/01. EPA comment letter 7/5/01. Final RFI Work Plan submitted 12/6/01 and EPA approved 1/3/02. Fieldwork initiated 2/11/02 and completed 3/14/02. Draft RFI Report submitted 7/17/02. EPA commented 9/19/02 providing contingent approval of the Draft RFI Report and requesting a CMS work plan be submitted. Draft CMS Work Plan submitted 11/27/02. EPA comment letter 2/19/03. Final CMS Work Plan submitted 3/7/03 and EPA approved 6/3/03. Replacement pages constituting the Final RFI Report submitted 7/23/03.
AOC B/Building 25	Full	RFI complete EPA comment letter 11/5/99. Draft CMS Work Plan submitted 1/7/00 and EPA approved 3/15/00. Draft CMS Final Report submitted 5/30/00. EPA comment letter 7/5/00. Responded to EPA comments 8/22/00. Draft Final CMS Final Report submitted 11/30/00. EPA comment letter 5/4/01. Final CMS Final Report and response to comments submitted 6/21/01. No further action recommended in RCRA Permit Renewal.
AOC C/Transformer Storage Pad	First Phase	Additional investigations performed to recharacterize site after inadvertent soil removal activity. Draft RFI Report for Additional Investigations for OUs 1, 6, and 7 completed 5/6/98. EPA approved 5/6/98 report and requested CMS 9/15/98. Revised Final II CMS Final Report submitted 8/4/00 and EPA approved 9/15/00. 100% Final CMI Work Plan Design Package submitted 1/25/01 and EPA approved 5/4/01. EPA to send CMI Work Plan out for public comment.
AOC D/Ensenada Honda Sediments	First Phase	Draft RFI Report for Additional Investigations for OUs 1, 6, and 7 completed 5/6/98 and EPA approved 2/12/99. No further action proposed in Part B permit renewal.

Notes:

(1) Full RFIs are conducted where releases were established during previous investigations. The purpose of the full RFI is to determine the nature, rate, direction, and extent of hazardous waste or hazardous constituents.

(2) The purpose of the first phase RFI is to confirm any releases from these SWMUs and/or AOCs.

SECTION 2
SUMMARY OF FINDINGS

The following reports were submitted during this period:

- RCRA Final Permit Required Quarterly Progress Report for the period May 1, 2003 – July 31, 2003 (August 21, 2003).

SECTION 3
SUMMARY OF CHANGES

No significant changes were made to the Corrective Action Program at Roosevelt Roads during this reporting period.

SECTION 4
COMMUNITY RELATIONS SUMMARY

No formal community relations activities were undertaken during this period by the Navy.

SECTION 5
PROBLEMS ENCOUNTERED/RESPONSE TAKEN

There were significant problems revealed by Baker during the time period of this report dealing with the TWFF monthly gauging. Starting in May 2003, Baker first noticed that the quantity of product normally collected from monitor well UGW25 had decreased dramatically from the previous month (13.61 gallons removed in April 2003 to 0.95 gallons removed in May 2003). Baker questioned Cape Environmental on this issue, who currently holds the contract for the monthly gauging at the TWFF. They in turn, contacted their subcontractor (BoksoMonoi Environmental, Inc.), who Cape has subcontracted to perform the gauging at the TWFF. BoksoMonoi indicated that the data reported to Cape, and ultimately to Baker, was accurate. NSRR personnel also questioned the data reported by BoksoMonoi, and had expressed their concern to Cape in late 2002, requesting an audit of their subcontractor. After months of Baker questioning this trend, Cape and their subcontractor indicated to Baker that additional product had been purged from UGW25 starting in May 2003, but was not provided in their monthly reports to Baker. Baker in turn, updated their tables presented in the attached TWFF quarterly progress report, with the new information to reflect this additional product purged for UGW25 from May 2003 to the current month.

Baker also uncovered another problem with the amount of product that was being purged at the wells at the TWFF in general. This problem was discovered after receiving the September and October 2003 monthly gauging data. Baker found that Cape/BoksoMoni were not reporting any product in 14 monitor wells that contained product in August 2003. After conversations with JohnThomas (Project Manager) of Cape Environmental and Mark Kimes of Baker, it was determined that a field audit of BoksoMoni was justified. On November 13, 2003, Mark Kimes performed a field audit of BoksoMoni with Maria Mercado (President). After a thorough review of their field notes and an interview with Maria Mercado, Mark Kimes revealed definite problems in the way the monthly gauging process is conducted by BokosoMoni. He revealed that BoksoMoni was using malfunctioning equipment to gauge the wells at the TWFF, as well as he uncovered that additional product was purged from the wells at the TWFF then what was reported to Baker back to April 2003. This information along with a further review of the data in comparison to the data Baker had acquired from the TCE field investigation conducted in September 2003, Baker determined that the groundwater and free product levels of the September/October data was not accurate. Due to the findings of the field audit it was decided not to present the gauging data for September and October 2003.

Therefore, steps are being taken by Cape Environmental to prevent these problems from occurring again.

Ultimately, the data from September and October 2003 will not be utilized in the attached TWFF report based on the uncertainties of the accuracy of the groundwater and free product measurements during this time period.

SECTION 6
PERSONNEL CHANGES

Captain Robert Wilson, Jr. released Captain John Warnecke as Commanding Officer of the US Naval Station, Roosevelt Roads on October 10, 2003.

SECTION 7
PLANNED WORK

The following work items associated with the RCRA Corrective Action Program at NSRR are planned for the upcoming reporting period:

- Revisions to reports and response to comment letters as needs dictate.
- Maintain schedule currentness through ongoing revision.
- Prepare and submit Draft CMS Final Report for TWFF.
- Continue updating the NSRR program website.
- Continue updating the NSRR GIS.
- Continue recovering phase separated hydrocarbon during the monthly gauging activities at TWFF.
- Next JIG meeting is tentatively scheduled for the week of January 26, 2004, depending on the status of the RCRA Part B Permit application addendum preparation. Location is yet to be determined.
- Prepare Draft Additional Data Collection Reports in Support of the Ecological Risk Assessment for SWMUs 1, 2, and 45.
- Prepare and submit Draft TCE Investigation Report for the TWFF.
- Prepare and submit the Final CMSI Report for SWMU 53.
- Prepare and submit the Final CMS Final Report for SWMU 53.
- Prepare and submit the Draft Additional Data Collection Investigation Report for SWMU 9.
- Prepare the Draft Recharacterization Report for SWMU 11.

- Prepare a Draft Semi-Annual Subtitle D Groundwater Monitoring Report for the Base Landfill, from the groundwater sampling event in September 2003.

ATTACHMENT 1
TOW WAY FUEL FARM - QUARTERLY SUMMARY
PROGRESS REPORT NO. 27 (August 1, 2003 – October 31, 2003)
NAVAL STATION ROOSEVELT ROADS

SUMMARY OF PHASE SEPARATED HYDROCARBON MONITORING
AUGUST 1, 2003 THROUGH OCTOBER 31, 2003
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS, PUERTO RICO

The paragraphs that follow provide a summary of the monthly monitoring, which was conducted at the TWFF during the period of August 1, 2003 through October 31, 2003.

Table 1 provides the historical monitoring data from the TWFF from January 1997 to October 2003. A summary of the product thickness measurements from all wells present at the TWFF is provided as Table 2. Groundwater contour maps from the current period are provided as Figure 1, while Figure 2 provides the Free Product Thickness and Extent Map. It should be noted that errors were found in the reported depth to product measurements. An examination of the data sets for September and October revealed that product was not observed in 14 wells in September and October that was observed in August. Subsequent correspondence with Cape Environmental and a field audit conducted by Baker Environmental with BoksoMonoi Environmental, Inc. on November 13, 2003 revealed equipment malfunctions and errors in data recording procedures. Consequently, the September and October data sets are not reported.

Phase separated hydrocarbons (PSH) thickness data for August generally appears within historical ranges. PSH was observed in wells along Forestall Road in August (Table 4). A small amount of PSH was observed in well 7MW08 (0.33 feet), which has appeared stable since May 2003. The amount of PSH in well UGW25 (0.43 feet) is significantly less than the previous period (1.8 to 3.2 feet).

Groundwater elevation data tended to be within historical ranges and yielded reasonable contours (Figure 1). Table 3 presents a summary of product recovered from 1994 through October 2003. This table shows that since 1994, approximately 16,474-gallons of product have been recovered at TWFF to date.

Table 4 presents a summary of the depth to product, product thickness, and quantities of PSH removed by JA Jones and Cape Environmental for the regularly purged wells at TWFF. It should be noted that this recovery effort began during the gauging activities in January 2001. PSH removed from the monitoring wells at the TWFF since January 2001 has totaled approximately 678.71 gallons, including 46.91 gallons for this period. Historically, JA Jones had been removing significantly more than the standing PSH from well UGW25. As discussed above, a review of BoksoMonoi Environmental measurement and recording procedures has produced errors. During the November 13, 2003 field interview it was discovered that BoksoMonoi had been removing additional product (beyond the calculated volume) from several wells including UGW25, but had been recording only the amount removed from UGW25. Thus, the reported product removed volumes on Tables 3 and 4 under report the actual amount of product removed.

Steps are being taken to correct the problem identified with the data collection activities at the TWFF. A more detailed description of these issues can be found in Section 5.0 of the RCRA Quarterly Progress Report.

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	01/28/97		02/25/97		04/21/97		05/22/97		06/17/97		06/30/97		07/30/97		09/03/97		09/26/97	
Number	ft NGVD - 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	12.55	14.91	12.9	15.3	12.5	14.9	13.66	16.22	13.73	16.35	13.65	16.24	13.25	15.8	13.31	16.24	13.44	16.13
UGW2	160.53	1.58	162.11	54.73	54.73	54.73	54.73	54.74	54.74	56	56.18	56.15	56.42	56.32	56.63	56.14	56.41	56.18	56.8	56.7	57.05
UGW3	123.24	1.97	125.21	19.61	25.71	19.8	25.76	19.63	25.79	20.94	20.94	21.37	21.37	21.5	21.5	21.8	26.83	21.57	26.87	22	27.05
UGW4	119.24	1.42	120.66	14.69	26	14.71	26.02	14.7	26.02	16	25.82	16.18	25.89	16.2	25.92	16.2	25.61	15.43	25.53	16.14	25.52
UGW5	114.54	2.01	116.55	10.48	12.83	8.2	8.5	12.41	12.82	13.82	14.17	13.88	14.25	13.91	14.27	13.59	13.78	12.8	13.8	13.17	13.41
UGW6	109.75	1.75	111.50	Not Gauged		8.11	8.24	10.23	10.23	10.4	10.4	10.47	10.47	10.38	10.38	10.09	10.09	10	10	10.15	10.15
UGW7	108.38	1.66	110.04	7.65	7.65	7.55	7.55	8.33	8.33	8.7	8.7	8.78	8.78	8.73	8.73	8.52	8.52	8.29	8.29	8.45	8.45
UGW8	108.59	1.65	110.24	7.56	7.56	7.54	7.54	9.04	9.04	9.14	9.14	9.26	9.26	9.25	9.25	9.15	9.15	8.98	8.98	8.96	8.96
UGW9	109.69	-0.24	109.45	7.65	7.65	7.64	7.64	9.7	9.7	Not Gauged		Not Gauged		Not Gauged		Not Gauged		8.18	8.18	8.15	8.15
UGW10	109.13	1.60	110.73	9.35	9.35	9.34	9.34	9.75	9.75	Not Gauged		10.09	10.09	9.98	9.98	9.74	9.74	9.74	9.74	9.75	9.75
UGW11	108.03	1.61	109.64	8.85	8.85	8.86	8.86	9.1	9.1	Not Gauged		9.18	9.18	9.1	9.1	8.91	8.91	8.85	8.85	8.9	8.9
UGW12	112.67	1.55	114.22	9.61	18.8	9.6	18.6	10.36	18.95	10.8	19.29	11	19.37	10.88	19.23	10.84	19.06	10.49	19.1	10.55	18.5
UGW13	112.11	1.47	113.58	10.23	17.9	10.23	17.8	10.3	18	11.64	17.8	11.62	18.2	11.58	17.92	11	18.4	10.54	18.5	10.55	16.91
UGW14	118.18	1.41	119.59	15.9	15.9	15.88	15.88	15.85	15.85	16.9	16.9	17.04	17.04	17.05	17.05	16.94	16.94	16.97	16.97	16.95	16.95
UGW15	110.83	1.69	112.52	11.73	11.73	11.7	11.7	11.92	11.92	11.45	14.37	11.58	13.99	11.43	13.97	11.87	11.87	14.74	14.74	11.85	11.85
UGW16	112.25	1.58	113.83	12.38	12.38	12.37	12.37	12.62	12.62	12.93	12.93	12.96	12.96	12.9	12.9	12.72	12.72	12.65	12.65	12.62	12.62
UGW17	110.93	1.69	112.62	9.94	14.74	9.92	14.74	10	14.7	11	15.05	11.16	15.34	11.02	15.05	10.54	15.24	10.53	15.53	10.35	14.84
UGW18	113.02	1.53	114.55	12.77	12.77	12.5	12.5	12.7	12.7	13.38	13.38	13.44	13.44	13.43	13.43	13.25	13.25	13.18	13.18	13.13	13.13
UGW19	111.02	1.45	112.47	10.25	14	10.19	13.93	10.32	14.02	Not Gauged		12.12	12.12	12.1	12.1	11.15	13.57	8.75	13.7	11.06	13.73
UGW20	109.73	2.41	112.14	11.61	11.61	11.57	11.57	11.82	11.82	11.96	11.96	11.97	11.97	11.92	11.92	11.56	11.56	14.6	14.6	11.6	11.6
UGW20R	No Data	No Data	109.15	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
UGW21	111.15	2.26	113.41	11.74	13.89	11.69	13.83	12.28	14.28	12.53	14.27	12.59	14.37	12.46	14.39	12.16	14.2	11.3	14.4	12.21	14.38
UGW22	113.10	-2.80	110.30	5.34	5.34	5.6	5.6	6.64	6.64	6.68	6.68	7.91	7.91	7.14	7.14	6.56	6.56	5.58	5.59	Not Gauged	
UGW23	166.97	2.41	169.38	64.57	64.57	64.5	64.5	64.6	64.6	65.79	65.79	66.03	66.03	66.1	66.1	66.04	66.04	66.11	66.11	66.2	66.2
UGW24	176.96	2.04	179.00	74.95	74.95	74.95	74.95	74.97	74.97	75.25	75.25	75.67	75.67	75.82	75.82	76.1	76.1	75.82	75.82	76.31	76.31
UGW25	151.65	2.52	154.17	49.38	50.96	49.38	50.49	49.4	50.96	50.58	52.4	50.92	52.9	51.1	53.12	51.25	53.19	51.2	54.1	51.45	53.62
UGW26	111.09	-0.30	110.79	8.3	8.3	8.27	8.27	8.73	8.73	Not Gauged		Not Gauged		9.14	9.14	8.92	8.92	8.88	8.88	8.85	8.85
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW1	113.78	1.60	115.38	9.1	9.1	9	9	9.07	9.07	12.44	12.56	12.55	12.69	12.58	12.65	12.6	12.67	9.9	10.25	12.55	12.62
PW2	113.46	2.23	115.69	11.24	12.1	11.3	12	11.2	12.08	12.21	13.42	12.46	13.83	12.37	13.7	12.08	13.17	11.82	13.3	10.36	11.38
PW3	115.14	2.19	117.33	13.28	16.95	13.33	17.55	13.3	17	13.79	19.75	13.81	20.2	13.83	20.4	13.46	20.44	13.27	21.25	13.41	21.03
PW4	113.51	2.14	115.65	11.84	13.58	11.84	13.58	11.87	13.62	12.8	15.18	12.76	15.74	12.71	15.35	12.47	15.14	12.31	15.79	12.4	15.52
PW5	114.90	2.52	117.42	13.03	18.13	12.96	18.75	13.01	18.1	13.57	20.6	13.63	20.88	13.58	20.93	13.34	20.74	12.17	20.12	13.32	21.1
PW6	115.48	2.21	117.69	12.28	23	12.33	23.26	12.3	22.97	13.44	23.45	13.53	23.45	13.61	23.39	13.33	23.16	13.29	23.4	13.39	23.18
MW1	113.69	2.25	115.94	11.2	11.2	11	11	11.18	11.18	11.25	11.25	11.3	11.3	10.72	10.72	10.24	10.24	11.82	12.92	9.84	9.84
MW2	113.56	2.00	115.56	10.85	10.85	10.5	10.5	10.9	10.9	11.96	12.13	12.65	12.94	12.12	12.42	11.79	11.82	11.41	12.01	12.4	13.21
MW3	115.21	2.01	117.22	13.46	15.73	13.6	16.1	13.5	15.75	14.34	17.5	14.37	17.68	14.33	17.69	14.2	17.89	13.8	18.1	13.92	18.13
MW4	114.35	2.21	116.56	9.8	12.1	10.9	13.2	9.85	12.17	11.55	13.68	12.72	15.12	11.84	14.26	11.49	13.43	11.01	13.41	9.24	11.71
RW1	121.25	-0.70	120.55	15.22	23.32	16.65	19.63	16.36	22.35	16.53	23.94	16.72	24.15	16.75	24.13	16.7	23.88	16.42	24.2	16.63	24.18
RW2	118.85	-0.84	118.01	12.03	12.93	14.3	14.75	14.8	15.19	12.58	14.01	15.27	15.36	14.255	14.72	13	13	12.94	12.94	Not Gauged	

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD - 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	01/28/97		02/25/97		04/21/97		05/22/97		06/17/97		06/30/97		07/30/97		09/03/97		09/26/97	
				Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	8.6	9.17	8.8	8.8	9.94	10.7	8.97	12.07	9.65	9.75	9.42	9.95	9.3	9.31	9.19	9.4	Not Gauged	
RW5	111.87	-1.52	110.35	8.29	8.55	8.7	9.25	8.87	11.1	8.47	14.11	9.4	10.55	8.69	13.11	9.1	9.22	9.15	10.1	Not Gauged	
RW6	111.45	-1.63	109.82	8.09	8.26	8.5	8.67	8.9	9.1	9.22	9.44	9.23	9.44	9.19	9.42	8.82	8.82	8.2	9.29	7.7	7.7
RW7	111.22	-2.63	108.59	6.6	9.12	7.35	7.72	7.46	10.13	7.62	10.24	8.07	8.76	7.7	9.69	7.69	7.69	7.4	9.5	7.51	8.45
RW8	111.50	-1.61	109.89	8.49	8.8	8.8	9.05	9.22	9.24	9.41	9.64	9.35	10.18	8.93	11.42	9.06	9.19	9.2	11.45	9.06	9.25
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		12.31	12.31	11.97	11.97
GW02	112.06	1.88	113.94	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		11.92	11.92	11.8	11.8	11.7	11.7	11.68	11.68
GW03	111.39	2.01	113.40	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		11.59	11.59	11.58	11.58	11.32	11.32	11.27	11.27
GW04	111.00	2.06	113.06	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		9.42	9.72	9.07	9.13	8.73	9.28	9.42	9.71
GW05	108.75	(Clogged)		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well	
GW06	108.90	2.05	110.95	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		9.87	9.87	9.79	9.79	9.61	9.61	9.69	9.69
470MW1	130.13	3.01	133.14	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		30.72	31.02	30.77	30.97	29.9	31	30.74	31.03
470MW3	120.63	2.52	123.15	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		21.2	21.2	21.17	21.17	21.13	21.13	21.13	21.13
7MW01A	125.78	2.63	128.41	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Gauged		Not Gauged		26.35	26.35	26.33	26.33
7MW02A	145.59	2.91	148.50	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		45.45	45.45	45.4	45.4	45.5	45.5	45.45	45.45
7MW03	176.98	2.33	179.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		74.07	74.07	74.25	74.25	74.56	74.56	74.42	74.42
7MW04	180.62	1.94	182.56	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		79.82	79.82	80.05	80.05	80.03	80.03	80.29	80.29
7MW05	112.14	1.99	114.13	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW06	108.45	-0.20	108.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW07	113.32	2.03	115.35	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW08	111.58	-0.25	111.33	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW09	159.16	2.18	161.34	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW	No Data	No Data	109.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
MTMW1	No Data	No Data	123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW2	No Data	No Data	122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW3	No Data	No Data	122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW4	No Data	No Data	122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW1	No Data	No Data	122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW2	No Data	No Data	121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	10/30/97		11/25/97		12/23/97		01/26/98		02/25/98		03/24/98		04/29/98		06/03/98		07/07/98	
Number	ft NGVD - 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	10.35	13.06	11.45	14.22	10.97	13.69	11.45	14.25	12.00	14.80	12.80	15.59	12.56	15.31	12.83	15.60	12.97	15.75
UGW2	160.53	1.58	162.11	54.9	55.02	54.35	54.35	53.44	53.45	53.61	53.61	53.93	53.93	54.45	54.49	55.32	55.48	55.70	56.12	56.10	56.62
UGW3	123.24	1.97	125.21	19.9	23.95	18.84	23.85	19.3	23.6	19.25	23.30	19.47	23.44	19.95	23.90	20.48	22.52	20.51	22.53	20.33	22.33
UGW4	119.24	1.42	120.66	11.83	21.58	13.63	23.29	13.01	22.6	13.66	23.89	14.39	24.60	15.04	25.25	17.25	17.30	17.32	17.33	17.43	17.46
UGW5	114.54	2.01	116.55	10.64	10.69	11.67	11.77	11.52	11.74	12.00	12.20	12.59	12.80	13.09	13.15	13.17	13.17	13.24	13.40	13.53	13.74
UGW6	109.75	1.75	111.50	9.00	9.00	9.53	9.53	9.38	9.38	9.50	9.50	9.74	9.74	9.98	9.98	9.98	9.98	9.96	9.96	9.96	9.96
UGW7	108.38	1.66	110.04	7.00	7.00	7.6	7.6	7.39	7.39	7.37	7.37	7.81	7.81	8.23	8.23	8.11	8.11	8.17	8.17	8.16	8.16
UGW8	108.59	1.65	110.24	7.75	7.75	8.23	8.23	8.13	8.13	8.10	8.10	8.34	8.34	8.71	8.71	8.65	8.65	8.68	8.68	8.68	8.68
UGW9	109.69	-0.24	109.45	6.8	6.8	7.51	7.51	7.4	7.4	7.50	7.50	7.72	7.72	8.05	8.05	8.11	8.11	8.15	8.15	8.23	8.23
UGW10	109.13	1.60	110.73	9.27	9.27	9.71	9.71	9.63	9.63	9.54	9.54	9.74	9.74	10.01	10.01	8.99	8.99	9.84	9.84	9.84	9.84
UGW11	108.03	1.61	109.64	8.61	8.61	8.83	8.83	8.74	8.74	8.75	8.75	8.85	8.85	9.03	9.03	Not Gauged		8.94	8.94	8.97	8.97
UGW12	112.67	1.55	114.22	7.8	18.18	9.00	18.25	8.68	17.86	9.17	18.03	9.71	18.18	10.21	18.40	10.28	18.40	10.43	18.17	10.58	18.33
UGW13	112.11	1.47	113.58	9.19	19.31	10.41	17.71	10.06	17.49	10.37	17.85	10.88	12.75	11.25	17.70	10.98	17.92	11.03	13.29	11.53	18.28
UGW14	118.18	1.41	119.59	12.96	12.96	14.61	14.61	13.98	13.98	14.70	14.70	15.40	15.40	15.43	15.43	16.30	16.30	16.48	16.48	16.49	16.49
UGW15	110.83	1.69	112.52	10.69	10.69	11.25	11.25	11.22	11.22	11.29	11.29	11.48	11.48	11.70	11.70	11.76	11.76	11.72	11.72	11.75	11.75
UGW16	112.25	1.58	113.83	11.84	11.84	11.28	11.28	12.13	12.13	12.27	12.27	12.43	12.43	12.67	12.67	12.65	12.65	12.16	12.16	12.72	12.72
UGW17	110.93	1.69	112.62	8.94	15.45	9.51	16.3	9.11	16.42	9.40	17.10	9.78	17.30	10.33	16.33	10.93	13.01	10.98	13.26	11.03	13.56
UGW18	113.02	1.53	114.55	11.93	11.93	12.54	12.54	12.4	12.4	12.55	12.55	12.82	12.82	13.07	13.07	13.09	13.09	13.11	13.11	13.15	13.15
UGW19	111.02	1.45	112.47	10.1	10.43	10.7	12.63	10.23	11.31	10.83	12.47	11.00	13.12	11.20	13.45	11.09	12.72	11.10	13.57	11.21	13.53
UGW20	109.73	2.41	112.14	10.78	10.78	11.33	11.33	11.27	11.27	11.29	11.29	11.46	11.46	11.67	11.67	11.72	11.72	Well destroyed		Well destroyed	
UGW20R	No Data	No Data	109.15	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
UGW21	111.15	2.26	113.41	11.4	13.52	11.87	13.95	11.5	13.7	11.76	14.78	11.95	14.32	11.97	14.36	12.09	14.30	12.04	14.30	12.12	14.26
UGW22	113.10	-2.80	110.30	4.8	4.8	4.62	4.62	4.16	4.16	5.95	5.95	6.45	6.45	6.95	6.95	7.80	7.80	7.13	7.13	7.40	7.40
UGW23	166.97	2.41	169.38	59.45	59.45	62.4	62.4	61.1	61.1	62.55	62.55	63.62	63.62	64.48	64.48	65.08	65.08	65.30	65.30	65.50	65.50
UGW24	176.96	2.04	179.00	74.97	74.97	74.35	74.35	73.78	73.78	73.60	73.60	73.65	73.65	74.00	74.00	74.12	74.14	74.20	74.20	74.19	74.19
UGW25	151.65	2.52	154.17	49.24	51.06	49.2	50.97	48.68	50.3	48.63	50.14	48.86	50.42	49.25	50.91	49.48	51.52	49.49	51.23	49.30	51.05
UGW26	111.09	-0.30	110.79	7.28	7.28	7.98	7.98	7.8	7.8	8.00	8.00	8.30	8.30	8.65	8.65	8.78	8.78	8.78	8.78	8.83	8.83
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW1	113.78	1.60	115.38	9.29	10.06	9.39	9.5	9.86	10.65	9.41	9.52	9.37	9.53	9.35	9.54	10.41	10.41	10.72	10.72	11.20	11.20
PW2	113.46	2.23	115.69	9.64	10.27	9.3	9.9	9.64	10.36	10.77	11.50	11.30	12.05	11.76	12.56	11.84	12.70	12.00	12.87	12.17	13.14
PW3	115.14	2.19	117.33	10.15	18.9	11.25	20.37	10.69	20.45	11.20	21.15	11.73	21.53	12.32	22.09	12.42	22.27	12.48	22.33	12.58	22.42
PW4	113.51	2.14	115.65	9.57	12.93	10.63	14	10.12	13.59	10.64	14.19	11.14	14.76	11.65	15.31	11.75	15.52	11.88	15.61	11.86	15.75
PW5	114.90	2.52	117.42	10.18	18.35	11.35	19.75	10.75	19.6	11.25	20.22	11.80	20.75	12.42	21.27	12.60	21.48	12.66	21.58	12.78	21.70
PW6	115.48	2.21	117.69	9.67	22.85	11.95	23.81	10.5	23.7	11.16	23.60	11.83	23.50	12.50	23.42	12.70	23.38	12.78	23.35	12.93	22.32
MW1	113.69	2.25	115.94	8.47	8.47	8.75	8.75	8.75	8.75	19.71	19.71	9.63	9.63	10.34	10.34	11.70	12.56	11.88	12.00	12.03	13.17
MW2	113.56	2.00	115.56	9.3	9.3	8.75	8.75	9.13	9.13	10.50	10.50	11.00	11.00	11.53	11.53	11.45	11.52	11.70	11.78	11.98	12.10
MW3	115.21	2.01	117.22	10.98	15.2	12.04	16.53	11.53	16.16	12.00	17.03	12.45	17.87	13.05	18.40	13.05	18.91	13.14	19.15	13.21	19.41
MW4	114.35	2.21	116.56	6.6	9.92	7.82	10.78	5.62	8.86	7.52	10.44	8.48	10.93	11.17	13.14	10.52	11.03	10.61	11.14	11.16	11.88
RW1	121.25	-0.70	120.55	13.37	14.2	14.72	17.6	14.4	15.42	14.97	18.10	15.51	20.14	15.78	21.67	15.84	22.32	15.88	22.45	16.08	23.24
RW2	118.85	-0.84	118.01	10.85	10.85	Not Gauged		Not Gauged		12.30	12.30	13.05	13.05	13.80	13.90	13.71	13.93	13.60	13.60	14.32	14.69

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	10/30/97		11/25/97		12/23/97		01/26/98		02/25/98		03/24/98		04/29/98		06/03/98		07/07/98	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	7.7	7.7	8.1	8.1	7.58	7.58	8.09	8.09	8.50	8.50	8.30	8.30	8.90	8.90	7.70	7.70	9.03	9.05
RW5	111.87	-1.52	110.35	7.78	7.98	8.43	8.5	8.03	8.14	8.40	8.60	8.80	9.18	8.68	11.23	8.40	10.82	8.41	10.81	8.57	10.98
RW6	111.45	-1.63	109.82	7.56	7.56	8.28	8.28	7.9	7.9	8.23	8.23	8.52	8.52	8.85	8.85	9.56	9.56	8.91	8.91	8.90	8.90
RW7	111.22	-2.63	108.59	6.56	6.82	7.2	7.2	6.65	6.65	7.10	7.12	7.50	7.50	7.65	7.65	7.38	7.41	7.52	7.52	7.71	7.71
RW8	111.50	-1.61	109.89	8.32	8.36	8.7	8.7	8.34	8.34	8.70	8.70	8.90	9.02	8.91	10.98	8.24	11.65	8.40	11.77	9.32	12.86
GW01	108.94	2.58	111.52	9.83	9.83	9.99	9.99	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		10.1	10.11	10.10	10.12
GW02	112.06	1.88	113.94	9.51	9.51	10.32	10.32	10	10	Not Gauged		Not Gauged		Not Gauged		11.24	11.24	11.25	11.25	11.37	11.37
GW03	111.39	2.01	113.40	9.51	9.51	10.23	10.23	9.98	9.98	Not Gauged		Not Gauged		Not Gauged		11.09	11.09	11.08	11.08	11.21	11.21
GW04	111.00	2.06	113.06	8.14	8.44	8.27	8.45	8.4	8.68	Not Gauged		Not Gauged		Not Gauged		8.94	8.94	8.8	8.82	9.19	9.21
GW05	108.75	(Clogged)		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Debris in Well	
GW06	108.90	2.05	110.95	8.86	8.86	9.27	9.27	9.17	9.17	Not Gauged		Not Gauged		Not Gauged		9.69	9.69	9.65	9.65	9.72	9.72
470MW1	130.13	3.01	133.14	27.43	27.51	28.16	28.45	27.79	28.07	Not Gauged		Not Gauged		Not Gauged		29.89	29.98	29.81	29.92	30.90	31.13
470MW3	120.63	2.52	123.15	18.9	18.9	19.73	19.73	19.42	19.42	Not Gauged		Not Gauged		Not Gauged		20.64	20.64	20.66	20.66	20.73	20.73
7MW01A	125.78	2.63	128.41	24.11	24.11	24.95	24.95	20.31	20.31	Not Gauged		25.36	25.36	25.76	25.76	25.90	25.90	27.92	27.92	25.99	25.99
7MW02A	145.59	2.91	148.50	38.05	38.05	41.65	41.65	40.37	40.37	Not Gauged		42.95	42.95	43.87	43.87	44.39	44.39	44.61	44.61	44.14	44.14
7MW03	176.98	2.33	179.31	70.66	70.66	71.4	71.4	Not Gauged		Not Gauged		Not Gauged		Not Gauged		72.99	72.99	73.44	73.44	73.82	73.82
7MW04	180.62	1.94	182.56	78.5	78.5	78.12	78.12	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		78.26	78.26	78.18	78.18
7MW05	112.14	1.99	114.13	13.73	13.73	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		12.4	12.4	12.53	12.53
7MW06	108.45	-0.20	108.25	7.1	7.1	7.53	7.53	7.48	7.48	Not Gauged		7.57	7.57	7.77	7.77	Not Gauged		7.71	7.71	7.75	7.75
7MW07	113.32	2.03	115.35	13.73	13.73	14.06	14.06	13.73	13.73	Not Gauged		14.23	14.23	Not Gauged		14.06	14.06	Not Gauged		Not Gauged	
7MW08	111.58	-0.25	111.33	9.97	9.97	10.47	10.47	10.15	10.15	Not Gauged		10.75	10.75	10.69	10.69	Not Gauged		10.92	10.92	10.88	10.88
7MW09	159.16	2.18	161.34	52	52	54.82	54.82	53.63	53.63	Not Gauged		Not Gauged		56.75	56.75	57.32	57.32	57.79	57.79	57.67	57.67
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW	No Data	No Data	109.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
MTMW1	No Data	No Data	123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW2	No Data	No Data	122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW3	No Data	No Data	122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW4	No Data	No Data	122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW1	No Data	No Data	122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW2	No Data	No Data	121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	08/12/98		11/16/98		12/09/98		01/25/99		02/23/99		03/29/99		04/27/99		05/21/99		06/29/99	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	13.80	14.41	8.75	10.15	7.50	8.89	9.65	11.35	11.43	13.11	12.13	13.87	12.39	14.12	12.49	14.20	12.66	14.43
UGW2	160.53	1.58	162.11	56.48	57.10	51.85	51.85	49.88	49.88	49.28	49.28	50.17	50.17	51.27	51.28	52.18	52.19	53.66	53.66	54.30	54.30
UGW3	123.24	1.97	125.21	20.9	21.47	18.25	18.80	16.84	17.40	Not Gauged		Blocked		Not Gauged		Not Gauged		20.54	20.54	Not Gauged	
UGW4	119.24	1.42	120.66	17.8	17.82	12.66	12.67	10.22	10.23	11.95	11.95	15.47	15.47	16.32	16.32	16.60	16.61	14.10	14.10	17.05	17.05
UGW5	114.54	2.01	116.55	14.00	14.34	10.20	10.45	9.21	9.45	11.40	11.70	12.25	12.45	12.80	12.99	12.88	13.08	12.47	12.55	12.68	12.74
UGW6	109.75	1.75	111.50	10.10	10.10	6.90	6.90	8.60	8.60	9.25	9.25	9.76	9.76	9.99	9.99	10.10	10.10	10.07	10.07	10.05	10.05
UGW7	108.38	1.66	110.04	8.37	8.40	6.20	6.20	6.35	6.35	8.70	8.70	7.10	7.10	8.98	8.98	8.30	8.30	8.44	8.44	8.30	8.30
UGW8	108.59	1.65	110.24	9.75	9.76	6.90	6.90	6.80	6.80	7.46	7.46	8.05	8.05	8.42	8.43	8.48	8.49	8.65	8.65	8.45	8.45
UGW9	109.69	-0.24	109.45	8.30	8.32	6.40	6.40	5.85	5.85	7.10	7.11	0.00	0.00	7.97	7.98	8.06	8.06	8.15	8.15	7.98	7.98
UGW10	109.13	1.60	110.73	10.00	10.00	9.00	9.00	9.87	9.87	9.65	9.65	9.02	9.02	10.06	10.07	10.11	10.11	10.00	10.00	9.92	9.92
UGW11	108.03	1.61	109.64	9.00	9.00	8.65	8.65	8.55	8.55	8.82	8.82	9.97	9.97	9.14	9.15	9.16	9.16	9.07	9.07	9.06	9.06
UGW12	112.67	1.55	114.22	10.92	18.50	7.20	16.90	5.60	16.85	8.24	16.90	9.40	17.41	9.94	17.60	10.10	17.88	10.09	17.90	10.81	16.67
UGW13	112.11	1.47	113.58	11.46	18.25	8.25	19.20	7.40	19.70	9.70	18.50	10.64	18.06	10.80	17.85	10.97	17.92	9.92	20.19	10.90	17.10
UGW14	118.18	1.41	119.59	16.85	16.86	11.95	11.95	9.58	9.59	11.17	11.17	14.85	14.85	15.44	15.44	15.73	15.73	16.05	16.05	16.16	16.16
UGW15	110.83	1.69	112.52	11.82	11.84	8.10	8.10	10.34	10.34	11.12	11.12	11.47	11.47	11.75	11.75	11.81	11.81	11.86	11.86	11.75	11.75
UGW16	112.25	1.58	113.83	11.25	11.25	10.45	10.45	11.23	11.23	12.00	12.00	12.42	12.42	12.56	12.57	12.65	12.65	12.58	12.58	12.64	12.64
UGW17	110.93	1.69	112.62	11.46	12.85	8.25	12.10	7.38	14.20	9.11	18.80	9.92	16.08	10.20	15.40	10.33	15.50	9.46	16.81	10.01	18.92
UGW18	113.02	1.53	114.55	13.33	13.33	11.60	11.60	10.96	10.96	12.08	12.08	12.62	12.62	12.92	12.92	12.99	12.99	12.98	12.98	13.01	13.01
UGW19	111.02	1.45	112.47	11.45	13.65	8.45	9.81	8.60	9.97	10.15	11.32	11.00	12.25	11.00	11.50	10.85	11.34	10.87	11.76	10.82	12.02
UGW20	109.73	2.41	112.14	Well destroyed		Well destroyed		Well destroyed		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R	
UGW20R	No Data	No Data	109.15	Not Installed		Not Installed		Not Installed		Not Installed		8.52	8.52	8.69	8.70	8.78	8.78	8.63	8.63	8.62	8.62
UGW21	111.15	2.26	113.41	12.27	14.30	10.10	13.00	10.07	12.70	11.38	14.28	12.11	14.25	11.94	14.31	12.07	14.30	11.60	14.27	9.51	17.20
UGW22	113.10	-2.80	110.30	8.17	8.17	3.30	3.30	2.21	2.21	4.40	4.40	6.15	6.15	6.88	6.88	7.10	7.11	7.56	7.56	5.43	5.43
UGW23	166.97	2.41	169.38	65.90	65.90	57.25	57.25	51.76	51.76	59.51	59.51	61.90	61.90	63.25	63.26	62.24	62.24	64.64	64.64	64.77	64.77
UGW24	176.96	2.04	179.00	74.56	74.56	72.30	72.30	71.05	71.05	70.35	70.35	70.94	70.94	71.24	71.24	72.41	72.41	73.39	73.39	73.76	73.76
UGW25	151.65	2.52	154.17	49.58	51.40	6.70	6.70	6.35	6.35	Not Gauged		Blocked		Not Gauged		Not Gauged		Not Gauged		49.00	50.35
UGW26	111.09	-0.30	110.79	9.00	9.00	Not Gauged		Not Gauged		7.75	7.75	8.10	8.10	8.53	8.53	8.53	8.53	10.05	10.05	8.65	8.65
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW1	113.78	1.60	115.38	12.35	13.50	Not Gauged		7.46	7.46	Not Gauged		9.52	9.52	10.12	10.12	10.35	10.35	8.98	8.98	9.56	9.56
PW2	113.46	2.23	115.69	12.42	13.50	8.40	9.70	7.46	9.05	9.50	11.15	10.74	12.45	10.30	12.96	11.94	11.94	11.20	12.82	11.51	13.30
PW3	115.14	2.19	117.33	13.50	21.21	8.82	18.35	7.30	17.18	11.50	12.35	12.65	13.55	13.40	14.30	7.10	7.11	13.67	16.02	14.00	14.16
PW4	113.51	2.14	115.65	10.33	10.51	flooded		4.27	4.27	Overflow		Pump		Clogged		Clogged		Clogged		Clogged	
PW5	114.90	2.52	117.42	13.55	20.25	9.23	16.60	7.83	15.20	11.28	12.40	12.63	13.92	13.35	14.64	13.83	14.13	14.15	14.43	13.95	14.25
PW6	115.48	2.21	117.69	12.10	13.23	9.75	9.75	9.83	9.83	9.20	9.30	Pump		11.16	11.21	11.45	11.51	11.28	11.48	11.60	11.76
MW1	113.69	2.25	115.94	11.75	11.76	8.00	8.00	7.16	8.45	9.60	11.05	10.51	10.85	10.10	12.40	11.31	12.67	10.90	12.30	11.15	12.55
MW2	113.56	2.00	115.56	12.25	12.42	8.30	8.30	7.68	7.68	9.50	9.50	10.66	10.66	11.11	11.11	11.94	11.94	10.90	10.90	11.27	11.28
MW3	115.21	2.01	117.22	Not Gauged		Not Gauged		Not Gauged		11.60	12.35	Not Gauged		9.75	10.47	10.08	10.85	10.35	10.97	10.04	10.58
MW4	114.35	2.21	116.56	12.35	12.90	4.00	5.20	4.44	5.68	4.40	5.70	8.25	9.15	8.83	9.49	10.24	10.97	10.64	11.33	10.70	11.30
RW1	121.25	-0.70	120.55	Not Gauged		12.00	12.05	8.74	8.74	Not Gauged		Blocked		Blocked		Blocked		Blocked		Blocked	
RW2	118.85	-0.84	118.01	14.82	15.25	1.00	1.00	1.15	1.15	7.20	7.20	12.01	12.01	13.54	13.54	13.50	13.54	13.87	13.93	12.40	12.40

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	08/12/98		11/16/98		12/09/98		01/25/99		02/23/99		03/29/99		04/27/99		05/21/99		06/29/99	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	8.62	8.62	4.95	4.95	2.35	2.35	5.10	5.10	7.77	7.77	7.95	7.95	Well purged		8.97	9.25	8.66	8.68
RW5	111.87	-1.52	110.35	8.60	13.20	6.60	6.65	5.06	5.07	7.90	8.00	8.80	9.10	9.00	9.38	8.96	9.30	9.30	9.65	8.50	8.76
RW6	111.45	-1.63	109.82	9.08	9.10	3.55	3.97	2.33	2.35	6.85	6.85	8.75	8.75	8.69	8.69	8.62	8.63	8.75	8.75	7.94	7.94
RW7	111.22	-2.63	108.59	7.63	9.00	5.00	5.40	3.30	3.45	6.30	6.65	7.10	7.20	6.95	7.03	7.40	7.55	7.62	7.67	6.96	6.96
RW8	111.50	-1.61	109.89	Not Gauged		7.20	7.30	6.40	6.40	8.25	8.27	8.90	8.90	9.15	9.23	9.06	9.21	9.25	9.75	8.70	8.91
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Found		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW02	112.06	1.88	113.94	11.67	11.67	8.88	8.88	7.99	7.99	9.60	9.60	10.33	10.33	10.85	10.85	10.99	10.99	11.15	11.15	11.11	11.11
GW03	111.39	2.01	113.40	11.47	11.47	Not Gauged		8.17	8.18	9.65	9.65	10.50	10.50	10.76	10.77	10.89	10.90	10.92	10.92	11.00	11.00
GW04	111.00	2.06	113.06	9.15	9.37	8.12	8.20	7.53	7.59	8.87	8.87	7.99	8.05	8.33	8.39	Not Gauged		10.04	10.08	9.93	10.00
GW05	108.75	(Clogged)		Debris in Well		Debris in Well		Debris in Well		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW06	108.90	2.05	110.95	Not Gauged		8.60	8.60	8.34	8.34	8.98	8.98	9.36	9.36	9.59	9.60	Not Gauged		8.60	8.60	9.62	9.62
470MW1	130.13	3.01	133.14	30.90	31.13	Not Gauged		24.84	25.04	27.62	27.81	28.59	28.89	Not Gauged		29.57	29.85	Not Gauged		29.85	30.07
470MW3	120.63	2.52	123.15	20.73	20.73	Not Gauged		17.20	17.20	18.92	18.92	19.70	19.70	20.20	20.20	20.34	20.34	Not Gauged		20.51	20.51
7MW01A	125.78	2.63	128.41	26.27	26.30	23.45	23.45	22.40	22.40	Not Gauged		Not Gauged		24.49	24.49	29.59	29.60	25.75	25.75	25.71	25.71
7MW02A	145.59	2.91	148.50	45.21	45.21	37.10	37.10	31.99	31.99	Not Gauged		41.47	41.47	42.80	42.80	43.28	43.29	44.05	44.05	44.17	44.17
7MW03	176.98	2.33	179.31	74.25	74.25	68.05	68.05	65.47	65.47	66.51	66.51	67.87	67.87	69.18	69.18	70.06	70.06	71.53	71.53	73.20	73.20
7MW04	180.62	1.94	182.56	78.48	78.48	75.95	75.95	74.76	74.76	74.87	74.87	74.98	74.98	75.87	75.87	76.46	76.47	72.41	72.41	73.96	73.96
7MW05	112.14	1.99	114.13	12.75	12.75	Not Gauged		9.87	9.87	11.21	11.21	11.80	11.80	12.15	12.16	12.26	12.26	12.36	12.36	12.27	12.27
7MW06	108.45	-0.20	108.25	7.75	7.75	6.90	6.90	6.72	6.72	7.43	7.43	7.70	7.70	7.84	7.85	7.90	7.90	7.76	7.77	7.77	7.77
7MW07	113.32	2.03	115.35	Not Gauged		12.85	12.85	Not Gauged		Not Gauged		14.29	14.29	14.25	14.25	14.40	14.40	14.14	14.14	14.36	14.36
7MW08	111.58	-0.25	111.33	Not Gauged		Not Gauged		Not Gauged		Not Gauged		10.80	10.80	10.90	10.90	10.85	10.85	10.65	10.65	10.90	10.90
7MW09	159.16	2.18	161.34	Not Gauged		50.61	50.61	46.37	46.37	52.35	52.35	54.53	54.53	55.75	55.75	56.21	56.21	56.93	56.93	57.05	57.05
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW	No Data	No Data	109.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
MTMW1	No Data	No Data	123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW2	No Data	No Data	122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW3	No Data	No Data	122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW4	No Data	No Data	122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW1	No Data	No Data	122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW2	No Data	No Data	121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	07/29/99		08/30/99		09/29/99		10/27/99		12/01/99		12/23/99		01/28/00		03/18/00		06/28/00	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	12.65	14.45	13.28	13.29	9.55	9.60	4.80	5.10	6.10	6.20	10.00	10.10	10.18	10.30	13.25	14.10	11.84	15.15
UGW2	160.53	1.58	162.11	55.00	55.20	55.44	55.95	54.20	54.85	52.85	52.85	Not Gauged		46.38	46.38	46.50	46.50	49.32	49.32	53.65	53.69
UGW3	123.24	1.97	125.21	19.50	25.40	20.51	21.15	19.20	19.92	19.03	19.60	14.70	15.35	13.50	13.50	15.70	15.71	17.90	17.90	17.15	17.15
UGW4	119.24	1.42	120.66	17.13	17.13	17.30	17.30	14.00	14.00	12.90	12.90	8.02	8.02	13.05	13.05	13.17	13.17	15.95	15.95	16.84	16.84
UGW5	114.54	2.01	116.55	12.77	12.95	11.11	11.11	Not Gauged		10.20	10.35	6.45	6.65	10.70	10.95	10.75	11.00	12.60	12.65	12.75	12.75
UGW6	109.75	1.75	111.50	8.86	8.86	9.15	9.15	8.15	8.15	8.70	8.70	7.95	7.95	9.25	9.25	9.38	9.38	9.85	9.85	9.87	9.87
UGW7	108.38	1.66	110.04	7.94	7.94	7.00	7.00	6.85	6.85	6.17	6.17	6.00	6.00	7.20	7.20	7.26	7.26	8.70	8.70	8.18	8.18
UGW8	108.59	1.65	110.24	8.15	8.15	7.30	7.30	6.92	6.92	8.50	8.50	4.90	4.90	6.75	6.75	6.95	6.95	8.25	8.25	8.30	8.30
UGW9	109.69	-0.24	109.45	8.00	8.00	7.32	7.32	6.60	6.60	5.00	5.00	4.56	4.56	6.80	6.80	7.02	7.02	8.00	8.00	8.00	8.00
UGW10	109.13	1.60	110.73	7.94	7.94	8.94	8.94	6.68	6.68	8.25	8.25	7.85	7.85	9.45	9.45	9.60	9.60	10.20	10.20	9.90	9.90
UGW11	108.03	1.61	109.64	8.95	8.95	8.57	8.57	7.15	7.15	8.70	8.70	8.16	8.16	8.94	8.95	9.00	9.00	9.70	9.70	9.12	9.12
UGW12	112.67	1.55	114.22	10.98	16.96	11.62	12.36	8.00	16.85	7.55	17.30	4.15	15.10	7.45	15.85	7.56	15.90	9.95	17.10	10.05	17.70
UGW13	112.11	1.47	113.58	10.87	17.87	10.30	10.35	8.00	19.38	8.45	8.95	4.52	13.40	8.50	17.20	8.55	17.30	10.70	17.00	10.45	17.55
UGW14	118.18	1.41	119.59	16.20	16.20	9.46	9.46	14.45	14.45	12.18	12.18	7.60	7.60	12.10	12.10	12.30	12.30	15.22	15.22	16.91	16.91
UGW15	110.83	1.69	112.52	11.70	11.70	11.23	11.23	9.90	9.90	10.82	10.82	9.50	9.50	9.10	9.10	9.30	9.30	11.75	11.75	11.72	11.72
UGW16	112.25	1.58	113.83	12.50	12.50	11.68	11.68	10.15	10.15	11.60	11.60	10.05	10.05	11.66	11.66	11.75	11.75	12.55	12.55	12.55	12.55
UGW17	110.93	1.69	112.62	9.87	17.10	9.27	9.27	8.55	11.05	8.77	11.85	5.30	14.30	8.45	12.10	8.65	12.40	10.25	13.15	10.00	14.47
UGW18	113.02	1.53	114.55	12.90	12.90	Damaged		10.24	10.24	11.60	11.60	Damaged		11.65	11.65	11.72	11.72	12.80	12.80	12.98	12.98
UGW19	111.02	1.45	112.47	11.10	12.55	9.80	9.80	8.00	8.20	9.40	9.72	4.20	4.55	9.35	9.65	9.45	9.80	10.77	11.50	10.90	11.35
UGW20	109.73	2.41	112.14	Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R	
UGW20R	No Data	No Data	109.15	8.23	8.23	7.90	7.90	8.05	8.05	10.30	10.30	6.35	6.35	8.00	8.00	8.12	8.12	8.75	8.75	8.92	8.92
UGW21	111.15	2.26	113.41	11.91	14.28	10.15	10.55	10.02	11.30	10.80	12.16	6.15	7.40	7.40	11.55	7.53	11.72	11.90	13.20	11.91	13.11
UGW22	113.10	-2.80	110.30	5.94	5.94	1.34	1.34	Not Gauged		3.45	3.45	Overflow		5.20	5.20	5.23	5.23	Not Gauged		Blocked by asphalt	
UGW23	166.97	2.41	169.38	65.02	65.02	64.98	64.98	58.30	58.30	57.65	57.65	48.20	48.20	58.10	58.10	58.40	58.40	62.75	62.75	64.50	64.50
UGW24	176.96	2.04	179.00	74.10	74.10	74.38	74.38	73.15	73.15	72.14	72.15	68.90	68.90	68.36	68.37	68.58	68.59	70.75	70.75	73.34	73.34
UGW25	151.65	2.52	154.17	49.23	50.75	49.25	50.70	48.90	50.40	46.85	48.05	47.60	49.20	44.00	45.10	44.23	45.33	46.55	47.75	48.55	49.85
UGW26	111.09	-0.30	110.79	8.45	8.45	8.05	8.05	8.10	8.10	6.25	6.25	5.70	5.70	6.80	6.80	6.95	6.95	8.90	8.90	8.60	8.60
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW1	113.78	1.60	115.38	9.66	9.66	6.70	6.70	6.65	6.65	7.70	7.70	5.20	5.80	9.10	9.10	9.25	9.25	10.25	10.25	9.45	9.45
PW2	113.46	2.23	115.69	11.60	13.42	10.62	10.65	8.54	9.25	8.60	9.35	5.22	6.40	9.42	10.42	9.65	10.70	11.50	12.40	11.56	11.56
PW3	115.14	2.19	117.33	13.92	14.12	13.27	13.29	10.45	10.55	6.70	6.80	6.10	6.10	10.55	10.59	10.62	10.67	Not Gauged		13.45	13.54
PW4	113.51	2.14	115.65	Clogged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		10.45	11.50
PW5	114.90	2.52	117.42	13.92	14.25	13.45	13.50	10.36	10.45	10.22	10.30	7.10	7.15	10.60	10.65	10.70	10.77	14.60	14.60	12.78	13.42
PW6	115.48	2.21	117.69	11.55	11.70	11.05	11.15	8.20	8.80	7.70	8.50	3.50	3.50	8.40	8.40	8.55	8.55	6.50	19.50	Not Gauged	
MW1	113.69	2.25	115.94	11.19	12.55	10.77	10.81	8.55	8.85	8.45	9.02	3.80	3.80	9.17	9.71	9.30	9.85	11.05	11.65	11.05	11.60
MW2	113.56	2.00	115.56	11.45	11.45	7.54	7.64	6.45	6.45	8.10	8.10	4.95	4.95	9.50	9.50	9.60	9.60	11.25	11.25	11.35	11.35
MW3	115.21	2.01	117.22	10.10	10.70	9.80	9.80	7.30	7.32	10.13	10.16	1.30	1.30	6.90	6.95	6.95	7.00	10.40	10.80	9.40	9.55
MW4	114.35	2.21	116.56	9.87	10.35	6.47	6.47	4.50	4.70	9.15	9.23	3.35	3.60	10.40	10.42	10.55	10.60	11.92	12.62	Damaged	
RW1	121.25	-0.70	120.55	16.15	19.35	15.90	18.33	Not Gauged		12.20	12.43	5.10	5.25	0.00	0.00	12.50	12.75	16.40	16.70	16.50	17.20
RW2	118.85	-0.84	118.01	13.40	13.40	4.50	4.50	Not Gauged		5.95	5.95	Overflow		9.55	9.55	9.60	9.60	Not Gauged		13.05	13.05

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD + 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	07/29/99		08/30/99		09/29/99		10/27/99		12/01/99		12/23/99		01/28/00		03/18/00		06/28/00	
				Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	8.63	8.64	0.10	0.19	Not Gauged		5.93	5.93	Overflow		6.75	6.76	6.82	6.83	8.60	8.60	8.74	8.74
RW5	111.87	-1.52	110.35	8.90	9.14	7.43	7.66	Not Gauged		6.40	6.58	Overflow		6.85	6.90	6.87	6.91	7.60	7.70	8.80	12.70
RW6	111.45	-1.63	109.82	8.45	8.45	2.37	2.37	Not Gauged		2.65	2.65	Overflow		6.53	6.53	6.55	6.55	8.15	8.15	8.27	8.27
RW7	111.22	-2.63	108.59	7.00	7.00	4.00	4.00	Not Gauged		5.07	5.07	Overflow		5.50	5.50	5.70	5.70	6.80	6.80	7.10	7.10
RW8	111.50	-1.61	109.89	8.96	9.35	6.80	7.20	Not Gauged		7.32	7.53	Overflow		7.00	7.05	7.15	7.20	8.50	8.70	8.50	8.53
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW02	112.06	1.88	113.94	11.10	11.10	10.50	10.50	8.85	8.85	9.65	9.65	6.60	6.60	9.10	9.10	9.22	9.22	10.75	10.75	11.02	11.02
GW03	111.39	2.01	113.40	10.90	10.90	10.30	10.30	8.42	8.42	9.61	9.61	7.00	7.00	9.20	9.20	9.25	9.25	10.75	10.75	10.97	10.97
GW04	111.00	2.06	113.06	9.77	9.77	11.10	11.10	8.60	8.60	7.38	7.38	7.10	7.10	8.46	8.46	8.55	8.55	9.10	9.10	9.80	9.80
GW05	108.75	(Clogged)		Not Gauged		Clogged		Clogged		Clogged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW06	108.90	2.05	110.95	8.46	8.46	9.00	9.00	7.45	7.45	8.45	8.45	7.95	7.95	8.48	8.48	8.55	8.55	8.50	8.50	8.60	8.60
470MW1	130.13	3.01	133.14	29.86	30.04	27.52	27.71	26.86	27.06	27.65	28.06	21.80	22.10	24.30	25.32	24.60	25.65	28.85	29.20	29.55	29.87
470MW3	120.63	2.52	123.15	20.70	20.70	19.91	19.91	18.30	18.30	19.77	19.77	15.30	15.30	16.31	16.31	16.45	16.45	20.10	20.10	20.52	20.52
7MW01A	125.78	2.63	128.41	25.75	25.75	27.11	27.11	24.78	24.78	24.35	24.35	20.40	20.40	23.63	23.63	23.70	23.70	25.75	25.75	25.65	25.65
7MW02A	145.59	2.91	148.50	44.36	44.36	44.23	44.23	39.60	39.60	37.14	37.14	40.70	40.70	Not Gauged		Not Gauged		42.31	42.31	43.88	43.88
7MW03	176.98	2.33	179.31	72.75	72.75	73.20	73.20	70.45	70.45	68.54	68.54	73.30	73.30	Not Gauged		Not Gauged		67.50	67.50	71.42	71.42
7MW04	180.62	1.94	182.56	78.00	78.00	78.70	78.70	77.00	77.00	75.98	75.98	Not Gauged		72.36	72.63	72.45	72.45	74.90	74.90	77.40	77.40
7MW05	112.14	1.99	114.13	12.26	12.26	11.21	11.21	8.65	8.65	12.11	12.11	8.51	8.51	Not Gauged		Not Gauged		Not Gauged		12.37	12.37
7MW06	108.45	-0.20	108.25	7.70	7.70	7.27	7.27	6.35	6.35	7.54	7.54	7.65	7.65	7.55	7.55	7.67	7.67	7.85	7.85	7.80	7.80
7MW07	113.32	2.03	115.35	14.22	14.22	12.60	12.60	12.73	12.73	13.14	13.14	7.15	7.15	13.05	13.05	13.14	13.14	14.10	14.10	14.11	14.11
7MW08	111.58	-0.25	111.33	10.82	10.82	6.62	6.62	8.65	8.65	9.15	9.15	6.42	6.42	8.90	8.90	8.98	8.98	8.75	8.75	10.20	10.20
7MW09	159.16	2.18	161.34	57.23	57.23	64.10	64.10	57.60	57.60	50.70	50.70	43.80	43.80	51.03	51.03	51.20	51.20	55.30	55.30	56.77	56.77
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW	No Data	No Data	109.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
MTMW1	No Data	No Data	123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW2	No Data	No Data	122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW3	No Data	No Data	122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW4	No Data	No Data	122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW1	No Data	No Data	122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW2	No Data	No Data	121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	07/28/00		08/31/00		09/29/00		10/31/00		11/29/00		12/28/00		01/31/01		02/28/01		03/30/01	
Number	ft NGVD - 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	12.58	15.82	10.66	12.55	11.10	13.20	10.70	12.90	12.00	14.30	12.30	14.70	13.05	15.40	12.65	14.95	12.80	15.15
UGW2	160.53	1.58	162.11	54.45	54.45	55.10	55.10	55.51	55.51	55.86	55.86	56.30	56.30	56.30	56.30	56.50	56.50	56.70	56.70	57.00	57.00
UGW3	123.24	1.97	125.21	20.51	20.51	21.20	21.20	20.40	20.40	20.30	20.30	20.55	20.55	20.95	21.00	21.10	21.20	21.35	21.35	21.95	21.95
UGW4	119.24	1.42	120.66	17.37	17.37	17.85	17.85	17.00	17.00	17.10	17.10	19.10	19.10	16.30	16.35	17.40	17.40	17.25	17.25	17.45	17.45
UGW5	114.54	2.01	116.55	13.35	13.35	11.50	11.50	12.90	13.00	8.45	8.45	12.60	12.60	13.25	13.45	13.30	13.30	12.80	12.80	12.90	12.90
UGW6	109.75	1.75	111.50	10.17	10.17	10.82	10.82	9.60	9.60	9.75	9.75	10.90	10.90	9.75	9.75	9.85	9.85	9.70	9.70	9.85	9.85
UGW7	108.38	1.66	110.04	8.57	8.57	8.75	8.75	7.62	7.62	7.95	7.95	9.10	9.10	7.75	7.75	8.10	8.10	7.80	7.80	8.10	8.10
UGW8	108.59	1.65	110.24	8.65	8.65	9.07	9.07	8.00	8.00	6.95	6.95	9.25	9.25	8.05	8.05	8.35	8.35	8.10	8.10	8.20	8.20
UGW9	109.69	-0.24	109.45	8.34	8.34	9.10	9.10	7.70	7.70	6.90	6.90	8.75	8.75	7.85	7.85	6.05	6.05	5.10	5.10	4.70	4.70
UGW10	109.13	1.60	110.73	10.04	10.04	10.15	10.15	9.75	9.75	8.80	8.80	9.65	9.65	9.00	9.00	10.00	10.00	9.85	9.85	10.00	10.00
UGW11	108.03	1.61	109.64	9.15	9.15	8.96	8.96	8.85	8.85	7.68	7.68	9.00	9.00	9.80	9.80	9.05	9.05	9.00	9.00	9.10	9.10
UGW12	112.67	1.55	114.22	10.60	18.05	9.65	17.65	10.20	17.55	9.90	17.25	10.15	17.55	10.50	17.80	10.35	17.35	9.96	16.75	10.10	14.55
UGW13	112.11	1.47	113.58	11.35	17.35	9.22	18.85	10.65	17.65	9.90	16.80	10.60	17.90	11.00	18.00	11.05	17.35	10.65	17.30	10.80	15.50
UGW14	118.18	1.41	119.59	16.45	16.45	15.33	15.33	16.10	16.10	16.10	16.10	15.65	15.65	16.40	16.40	16.55	16.55	16.30	16.30	15.45	15.45
UGW15	110.83	1.69	112.52	11.90	11.90	11.50	11.50	11.20	11.20	10.35	10.35	11.90	11.90	11.72	11.72	11.85	11.85	11.15	11.15	10.80	10.80
UGW16	112.25	1.58	113.83	12.75	12.75	11.55	11.55	12.35	12.35	11.15	11.15	11.90	11.90	12.55	12.55	11.70	11.70	11.40	11.40	11.40	11.40
UGW17	110.93	1.69	112.62	10.72	14.60	9.05	13.60	10.15	14.35	9.25	13.55	10.20	14.60	10.60	14.70	10.70	13.90	10.45	13.35	10.50	13.55
UGW18	113.02	1.53	114.55	13.16	13.16	11.45	11.45	12.75	12.75	10.68	10.68	11.70	11.70	12.95	12.95	11.41	11.41	10.85	10.85	10.70	10.70
UGW19	111.02	1.45	112.47	11.40	12.40	9.85	10.35	10.25	10.75	7.90	8.30	11.00	12.00	10.25	11.45	11.10	12.20	11.00	11.90	11.20	12.20
UGW20	109.73	2.41	112.14	Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R	
UGW20R	No Data	No Data	109.15	9.70	9.70	10.42	10.42	9.45	9.45	7.20	7.20	10.25	10.25	10.40	10.40	11.95	11.95	11.80	11.80	7.90	7.90
UGW21	111.15	2.26	113.41	12.35	14.20	10.95	12.55	11.60	13.30	8.30	9.75	11.95	13.95	12.20	14.25	11.90	14.30	11.90	14.25	11.90	14.21
UGW22	113.10	-2.80	110.30	7.45	7.45	2.60	2.60	2.20	2.20	3.50	3.50	6.90	6.90	7.00	7.00	4.90	4.90	7.15	7.15	7.25	7.25
UGW23	166.97	2.41	169.38	65.10	65.10	64.85	64.85	65.10	65.10	65.16	65.16	65.35	65.35	65.40	65.40	65.70	65.70	65.55	65.55	65.70	65.70
UGW24	176.96	2.04	179.00	73.80	73.80	73.55	73.55	74.20	74.20	74.35	74.35	73.50	73.50	74.10	74.10	74.60	74.60	74.10	74.10	75.50	75.50
UGW25	151.65	2.52	154.17	49.17	50.55	49.00	50.25	49.00	49.00	49.15	50.40	49.20	50.50	49.50	49.50	49.87	51.40	50.15	51.80	50.60	52.30
UGW26	111.09	-0.30	110.79	9.44	9.44	9.15	9.15	9.40	9.40	9.10	9.10	9.20	9.20	8.45	8.45	8.40	8.40	7.85	7.85	7.80	7.80
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW1	113.78	1.60	115.38	10.40	10.40	9.70	9.70	9.15	9.15	12.20	12.20	11.65	11.65	9.90	9.90	11.30	11.30	9.58	9.58	10.75	10.75
PW2	113.46	2.23	115.69	12.17	12.17	11.90	11.90	10.95	11.10	10.40	10.60	11.60	11.85	11.90	12.30	11.30	11.50	11.80	12.20	12.55	12.85
PW3	115.14	2.19	117.33	Not Gauged		Not Gauged		13.50	13.50	8.00	8.00	10.20	10.20	9.80	10.15	10.30	10.70	10.20	10.50	10.20	10.60
PW4	113.51	2.14	115.65	Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	114.90	2.52	117.42	13.65	14.35	13.22	13.75	13.00	13.65	12.70	13.40	12.65	13.40	13.30	14.12	12.75	13.55	13.65	14.40	13.50	14.25
PW6	115.48	2.21	117.69	11.00	11.89	11.15	11.80	12.15	12.85	10.90	11.80	11.60	12.40	12.30	13.10	12.80	13.55	12.40	13.15	12.50	13.30
MW1	113.69	2.25	115.94	11.60	12.70	10.44	10.70	11.10	11.65	10.75	11.10	10.90	11.60	11.25	11.90	11.70	12.25	11.50	11.90	11.67	12.25
MW2	113.56	2.00	115.56	11.93	11.93	10.60	10.60	10.50	10.50	9.70	9.70	10.95	10.95	11.65	11.65	10.85	10.85	11.60	11.60	11.80	11.80
MW3	115.21	2.01	117.22	14.40	14.48	13.55	13.60	9.30	9.30	12.40	12.55	13.15	13.40	13.62	13.87	15.15	15.40	13.90	14.15	14.05	14.25
MW4	114.35	2.21	116.56	7.46	8.10	7.55	8.10	13.00	13.00	6.20	7.04	9.45	10.30	11.20	12.20	12.25	13.40	12.10	13.20	12.25	13.45
RW1	121.25	-0.70	120.55	17.17	18.62	17.70	19.00	16.50	16.50	17.35	17.35	17.90	17.91	17.60	19.20	16.75	20.10	16.50	20.00	16.30	20.60
RW2	118.85	-0.84	118.01	14.22	14.22	14.10	14.10	9.00	9.00	7.75	7.75	9.20	9.20	13.65	13.65	14.45	14.45	13.20	13.20	13.95	13.95

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	07/28/00		08/31/00		09/29/00		10/31/00		11/29/00		12/28/00		01/31/01		02/28/01		03/30/01	
Number	ft NGVD - 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	9.05	9.06	2.45	2.45	2.25	2.25	6.10	6.10	8.20	8.20	8.50	8.50	6.80	6.80	7.45	7.45	7.60	7.60
RW5	111.87	-1.52	110.35	8.32	12.90	6.60	9.45	8.10	10.90	6.90	6.90	7.70	7.70	8.50	11.40	8.45	11.20	8.60	11.30	7.70	13.30
RW6	111.45	-1.63	109.82	8.80	8.80	6.95	6.95	7.60	7.60	2.65	2.65	7.97	7.97	8.70	8.70	8.30	8.30	8.30	8.30	8.40	8.40
RW7	111.22	-2.63	108.59	7.70	7.70	6.10	6.10	5.90	5.90	3.00	3.00	7.55	7.55	7.50	7.50	6.90	6.90	7.00	7.00	7.25	7.25
RW8	111.50	-1.61	109.89	9.10	9.25	7.74	7.79	8.20	8.35	4.90	5.00	8.70	8.80	9.00	9.15	8.95	9.10	8.70	8.90	8.85	8.85
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW02	112.06	1.88	113.94	11.45	11.45	11.86	11.86	10.95	10.95	10.85	10.85	12.05	12.05	11.20	11.20	11.40	11.40	10.60	10.60	11.35	11.35
GW03	111.39	2.01	113.40	11.25	11.25	11.58	11.58	10.70	10.70	10.60	10.60	11.60	11.60	11.00	11.00	10.90	10.90	11.20	11.20	10.60	10.60
GW04	111.00	2.06	113.06	9.93	9.93	9.70	9.70	9.20	9.20	9.07	9.07	9.95	9.95	9.80	9.80	10.00	10.00	10.40	10.40	9.40	9.40
GW05	108.75	(Clogged)		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW06	108.90	2.05	110.95	8.95	8.95	9.10	9.10	9.25	9.25	9.10	9.10	9.40	9.40	9.40	9.40	9.45	9.45	9.15	9.15	9.25	9.25
470MW1	130.13	3.01	133.14	30.00	30.45	29.45	29.77	29.70	29.70	29.65	29.95	29.65	30.00	29.85	29.85	30.10	30.10	29.90	30.00	30.05	30.05
470MW3	120.63	2.52	123.15	20.80	20.80	21.30	21.30	20.40	20.40	20.30	20.30	21.75	21.75	20.62	20.62	20.80	20.80	20.70	20.70	20.75	20.75
7MW01A	125.78	2.63	128.41	27.10	27.10	26.85	26.85	29.70	29.70	25.55	25.55	26.90	26.90	25.85	25.85	26.00	26.00	25.85	25.85	27.78	27.78
7MW02A	145.59	2.91	148.50	44.50	44.50	44.20	44.20	44.40	44.40	44.20	44.20	44.30	44.30	44.70	44.70	45.00	45.00	44.80	44.80	45.00	45.00
7MW03	176.98	2.33	179.31	72.95	72.95	72.70	72.70	73.22	73.22	73.10	73.10	72.65	72.65	73.90	73.90	74.15	74.15	74.35	74.35	74.65	74.65
7MW04	180.62	1.94	182.56	77.75	77.75	77.25	77.25	74.00	74.00	74.06	74.06	77.55	77.55	78.30	78.30	78.70	78.70	78.95	78.95	79.40	79.40
7MW05	112.14	1.99	114.13	12.72	12.72	12.48	12.48	12.40	12.40	57.30	57.30	12.60	12.60	12.65	12.65	12.85	12.85	12.70	12.70	12.95	12.95
7MW06	108.45	-0.20	108.25	9.62	9.62	9.45	9.45	9.30	9.30	8.55	8.55	9.45	9.45	7.70	7.70	7.75	7.75	7.70	7.70	7.85	7.85
7MW07	113.32	2.03	115.35	14.40	14.40	14.50	14.50	13.65	13.65	12.20	12.20	14.30	14.30	14.30	14.30	13.95	13.95	14.00	14.00	14.15	14.15
7MW08	111.58	-0.25	111.33	11.05	11.05	10.85	10.85	10.00	10.00	7.60	7.60	10.80	10.80	10.30	10.30	10.75	10.75	10.10	10.10	10.50	10.50
7MW09	159.16	2.18	161.34	57.35	57.35	57.00	57.00	56.25	56.25	73.50	73.50	57.30	57.30	57.55	57.55	56.85	56.85	57.67	57.67	57.80	57.80
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW	No Data	No Data	109.82	0.00	0.00	0.00	0.00	8.02	8.03	2.20	2.20	7.50	7.50	8.15	8.15	8.75	8.75	8.53	8.54	8.70	8.70
MTMW1	No Data	No Data	123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		18.65	22.25	18.90	22.80	20.75	21.30
MTMW2	No Data	No Data	122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		18.35	23.30	18.35	23.15	19.35	22.10
MTMW3	No Data	No Data	122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		17.55	21.90	17.90	22.10	19.70	20.05
MTMW4	No Data	No Data	122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		18.75	23.40	17.90	22.70	19.10	21.60
AW1	No Data	No Data	122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		17.40	22.15	18.10	21.85	20.10	20.85
AW2	No Data	No Data	121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		17.80	22.00	17.60	21.65	23.35	25.50

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	04/30/01		05/31/01		06/30/01		07/31/01		08/31/01		09/28/01		10/29/01		11/30/01		12/31/01	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	Not Gauged		14.10	16.00	14.10	16.00	13.25	13.37	13.36	13.46	11.13	11.91	11.90	12.65	9.40	9.72	8.79	9.00
UGW2	160.53	1.58	162.11	56.10	56.10	56.15	56.15	57.40	59.70	57.56	58.08	57.81	58.08	57.70	58.08	57.70	58.08	57.97	58.08	57.84	57.84
UGW3	123.24	1.97	125.21	Not Gauged		13.90	13.95	22.30	22.35	22.41	23.30	22.55	23.69	21.98	22.98	21.91	22.03	21.89	22.00	21.17	21.20
UGW4	119.24	1.42	120.66	17.20	17.20	17.10	17.10	17.15	17.15	17.25	17.31	16.63	16.64	16.26	16.26	16.67	16.69	16.47	16.49	16.09	16.09
UGW5	114.54	2.01	116.55	11.15	11.15	11.10	11.10	12.65	12.75	12.64	12.69	12.76	12.76	11.96	11.96	12.28	12.28	11.98	11.98	9.14	9.14
UGW6	109.75	1.75	111.50	9.60	9.60	9.60	9.60	9.70	9.70	9.69	9.69	8.79	8.79	9.33	9.33	9.35	9.35	9.21	9.21	8.68	8.68
UGW7	108.38	1.66	110.04	7.85	7.85	7.80	7.80	8.05	8.05	8.15	8.15	7.15	7.15	7.53	7.53	7.50	7.50	7.09	7.09	6.06	6.06
UGW8	108.59	1.65	110.24	9.00	9.00	8.90	8.90	7.90	7.90	7.84	7.84	6.93	6.93	7.43	7.43	7.25	7.25	6.82	6.82	5.86	5.86
UGW9	109.69	-0.24	109.45	3.90	3.90	4.00	4.00	4.20	4.20	4.02	4.02	3.54	3.54	3.88	3.88	3.90	3.90	3.88	3.88	3.48	3.48
UGW10	109.13	1.60	110.73	9.90	9.90	9.90	9.90	9.80	9.80	9.77	9.77	9.12	9.12	9.53	9.53	9.62	9.62	9.49	9.49	9.09	9.09
UGW11	108.03	1.61	109.64	9.00	9.00	9.05	9.05	8.95	8.95	8.93	8.93	7.52	7.52	8.67	8.67	8.83	8.83	8.75	8.75	8.51	8.51
UGW12	112.67	1.55	114.22	10.30	12.45	10.10	15.30	10.50	15.65	10.52	14.04	10.90	12.28	9.55	13.50	10.19	13.05	10.45	11.06	9.94	11.28
UGW13	112.11	1.47	113.58	10.00	15.10	10.60	17.55	10.70	17.15	10.71	16.72	10.76	16.85	10.02	18.32	10.63	16.31	11.18	12.40	9.95	12.35
UGW14	118.18	1.41	119.59	16.25	16.25	16.30	16.30	16.30	16.30	16.32	16.32	15.76	15.76	15.31	15.31	15.73	15.73	15.52	15.52	15.15	15.15
UGW15	110.83	1.69	112.52	11.75	11.75	11.60	11.60	11.16	11.16	11.65	11.65	11.35	11.35	11.32	11.32	11.39	11.39	11.34	11.34	11.08	11.08
UGW16	112.25	1.58	113.83	11.20	11.20	11.25	11.25	11.25	11.25	11.16	11.16	10.32	10.32	11.00	11.00	11.09	11.09	10.98	10.98	10.38	10.38
UGW17	110.93	1.69	112.62	10.65	12.35	10.65	12.35	10.70	12.10	10.72	11.54	10.90	11.42	10.33	11.87	10.65	11.00	10.43	10.74	9.06	9.52
UGW18	113.02	1.53	114.55	10.60	10.60	10.60	10.60	10.50	10.50	10.44	10.44	9.98	9.98	10.30	10.30	10.33	10.33	10.21	10.21	9.86	9.86
UGW19	111.02	1.45	112.47	10.00	10.95	11.00	11.85	11.00	11.70	10.85	11.70	10.97	11.67	10.80	11.03	10.89	10.97	10.63	10.70	7.75	7.81
UGW20	109.73	2.41	112.14	Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R	
UGW20R	No Data	No Data	109.15	8.20	8.20	8.10	8.10	7.50	7.50	8.42	8.42	7.48	7.48	8.10	8.10	7.83	7.83	7.34	7.34	7.02	7.02
UGW21	111.15	2.26	113.41	10.10	11.80	12.20	12.65	9.00	14.10	11.67	14.18	12.07	13.21	12.30	12.30	11.98	12.52	11.78	11.98	9.24	9.45
UGW22	113.10	-2.80	110.30	6.30	6.30	6.30	6.30	See RW3		7.16	7.16	7.46	7.46	5.75	5.75	6.36	6.36	6.12	6.12	1.69	1.69
UGW23	166.97	2.41	169.38	65.70	65.70	65.65	65.65	65.75	65.75	65.82	65.82	65.84	65.84	64.19	64.19	65.01	65.01	64.94	64.94	64.76	64.76
UGW24	176.96	2.04	179.00	75.80	75.80	75.65	75.65	76.10	76.10	76.34	76.34	76.56	76.56	76.12	76.12	75.99	75.99	75.82	75.82	75.69	75.69
UGW25	151.65	2.52	154.17	Not Gauged		50.65	52.45	51.10	52.90	51.32	53.17	51.50	53.43	50.87	52.57	50.69	52.49	50.49	52.30	49.92	51.55
UGW26	111.09	-0.30	110.79	9.10	9.10	9.00	9.00	7.46	7.46	7.38	7.38	7.21	7.21	7.11	7.11	7.14	7.14	7.08	7.08	6.78	6.78
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW1	113.78	1.60	115.38	12.65	12.65	12.30	12.30	10.25	10.25	10.42	10.42	10.53	10.53	8.75	8.75	9.25	9.25	8.93	8.93	7.3	7.3
PW2	113.46	2.23	115.69	12.30	12.65	11.70	11.70	11.90	12.05	11.91	11.98	12.01	12.09	10.84	10.90	11.30	11.39	11.01	11.07	9.1	9.1
PW3	115.14	2.19	117.33	Not Gauged		13.30	14.80	13.90	14.00	14.61	15.02	14.53	14.83	11.80	12.03	12.42	12.56	11.51	11.57	9.86	9.94
PW4	113.51	2.14	115.65	Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	114.90	2.52	117.42	Not Gauged		14.30	15.60	13.70	13.85	14.58	14.64	14.32	14.41	11.03	11.14	12.10	12.20	11.47	11.57	11.17	11.31
PW6	115.48	2.21	117.69	Not Gauged		12.70	14.50	12.30	13.15	12.28	13.31	12.22	13.25	9.89	10.43	10.84	11.08	11.88	11.99	6.28	6.28
MW1	113.69	2.25	115.94	12.25	12.50	11.40	11.45	11.40	11.65	11.57	11.71	11.71	11.78	10.24	10.45	10.13	10.19	9.83	10.00	9.12	9.12
MW2	113.56	2.00	115.56	9.81	9.81	10.00	10.00	11.60	11.60	11.60	11.60	11.73	11.73	10.56	10.56	10.96	10.96	10.67	10.67	8.04	8.04
MW3	115.21	2.01	117.22	Not Gauged		10.60	11.15	9.90	10.25	10.69	11.07	10.58	10.88	6.93	7.00	8.71	8.75	5.37	5.37	1.91	1.91
MW4	114.35	2.21	116.56	Not Gauged		12.80	13.50	12.05	12.40	12.47	12.51	12.45	12.70	8.95	8.95	10.62	10.85	6.92	6.92	5.11	5.11
RW1	121.25	-0.70	120.55	Not Gauged		16.70	18.60	16.70	19.60	16.86	18.71	15.81	15.81	16.00	16.48	17.27	18.06	16.44	16.86	15.21	15.29
RW2	118.85	-0.84	118.01	10.10	10.10	10.00	10.00	14.10	14.10	14.31	14.34	0.50	0.50	12.87	12.87	12.22	12.22	12.42	12.42	12.42	12.42

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD - 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	04/30/01		05/31/01		06/30/01		07/31/01		08/31/01		09/28/01		10/29/01		11/30/01		12/31/01	
				Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	5.50	5.50	5.30	5.30	6.15	6.15	7.02	7.02	6.60	6.60	6.78	6.78	6.91	6.91	6.73	6.73	3.23	3.23
RW5	111.87	-1.52	110.35	13.00	15.20	8.20	8.20	7.85	8.00	7.62	12.24	7.90	11.52	8.00	9.10	8.00	10.10	7.75	9.30	1.48	1.48
RW6	111.45	-1.63	109.82	7.50	7.50	7.40	7.40	8.10	8.10	8.13	8.13	8.24	8.24	7.82	7.82	8.08	8.08	7.61	7.61	1.95	1.95
RW7	111.22	-2.63	108.59	5.80	5.80	5.75	5.75	6.70	6.70	6.98	6.98	7.91	7.91	6.95	6.95	7.06	7.06	6.74	6.74	1.58	1.58
RW8	111.50	-1.61	109.89	8.10	8.35	6.70	6.71	8.70	8.70	8.58	8.58	9.69	9.69	8.45	8.45	8.51	8.51	8.28	8.28	5.18	5.18
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW02	112.06	1.88	113.94	10.90	10.90	10.85	10.85	11.15	11.15	11.18	11.18	11.21	11.21	10.55	10.55	10.70	10.70	10.48	10.48	10.09	10.09
GW03	111.39	2.01	113.40	10.60	10.60	10.65	10.65	10.40	10.40	10.35	10.35	10.38	10.38	9.86	9.86	10.16	10.16	9.84	9.84	9.45	9.45
GW04	111.00	2.06	113.06	7.55	7.55	7.70	7.70	9.05	9.05	8.92	8.92	7.77	7.77	8.50	8.50	8.56	8.56	8.42	8.42	7.92	7.92
GW05	108.75	(Clogged)		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW06	108.90	2.05	110.95	8.95	8.95	9.00	9.00	8.95	8.95	8.87	8.87	8.56	8.56	8.54	8.54	8.71	8.71	8.48	8.48	8.15	8.15
470MW1	130.13	3.01	133.14	29.90	29.90	28.30	28.30	29.90	30.40	30.05	30.51	30.25	30.43	28.76	28.91	29.02	29.16	28.89	28.99	28.86	28.89
470MW3	120.63	2.52	123.15	20.60	20.60	23.40	23.40	20.55	20.55	20.59	20.59	20.61	20.61	19.94	19.94	20.10	20.10	19.93	19.93	19.58	19.58
7MW01A	125.78	2.63	128.41	25.30	25.30	25.15	25.15	25.80	25.80	25.85	25.85	25.89	25.89	25.22	25.22	25.37	25.37	25.17	25.17	24.73	24.73
7MW02A	145.59	2.91	148.50	44.90	44.90	44.95	44.95	44.95	44.95	45.02	45.02	45.06	45.06	46.28	46.28	44.19	44.19	44.12	44.12	43.90	43.90
7MW03	176.98	2.33	179.31	74.85	74.85	74.80	74.80	75.25	75.25	75.35	75.35	75.44	75.44	74.80	74.80	75.05	75.05	75.06	75.06	75.01	75.01
7MW04	180.62	1.94	182.56	79.60	79.60	79.60	79.60	79.90	79.90	80.17	80.17	80.34	80.34	79.84	79.84	79.68	79.68	79.50	79.50	79.34	79.34
7MW05	112.14	1.99	114.13	12.75	12.75	12.70	12.70	12.80	12.80	12.86	12.86	12.88	12.88	12.32	12.32	12.31	12.31	12.10	12.10	10.87	10.87
7MW06	108.45	-0.20	108.25	7.60	7.60	7.55	7.55	7.45	7.45	7.44	7.44	6.60	6.60	7.56	7.56	7.35	7.35	7.30	7.30	7.10	7.10
7MW07	113.32	2.03	115.35	13.75	13.75	13.95	13.95	14.00	14.00	13.82	13.82	11.20	11.20	13.62	13.62	13.75	13.75	13.54	13.54	12.11	12.11
7MW08	111.58	-0.25	111.33	9.90	9.90	10.20	10.20	10.15	11.81	10.10	11.62	7.32	9.36	10.18	10.85	10.50	11.41	9.77	11.05	7.95	9.18
7MW09	159.16	2.18	161.34	57.70	57.70	57.85	57.85	57.85	57.85	57.87	57.87	57.90	57.90	56.34	56.34	57.09	57.09	56.98	56.98	56.73	56.73
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW	No Data	No Data	109.82	8.20	8.20	7.30	7.35	8.19	8.25	8.19	8.25	8.34	8.37	7.16	7.17	7.58	7.58	9.01	9.01	1.48	1.48
MTMW1	No Data	No Data	123.53	Flooded		19.45	23.20	19.80	23.80	20.10	24.07	20.26	24.31	19.70	23.10	19.50	23.02	19.50	23.02	18.75	21.90
MTMW2	No Data	No Data	122.87	Flooded		18.25	23.40	18.25	23.40	18.35	23.46	18.39	23.47	17.30	22.30	17.75	22.54	17.75	22.54	17.31	21.90
MTMW3	No Data	No Data	122.42	Flooded		18.50	22.05	18.90	22.40	19.17	22.78	19.55	22.92	18.72	20.92	18.76	21.08	18.76	21.08	18.39	19.50
MTMW4	No Data	No Data	122.04	Flooded		17.70	22.70	18.90	22.95	17.95	22.98	18.02	22.94	16.92	21.57	17.36	22.24	17.36	22.24	16.91	21.60
AW1	No Data	No Data	122.58	Flooded		18.70	22.10	18.95	22.90	19.31	22.64	19.55	22.62	19.05	20.86	18.66	21.48	18.66	21.48	17.84	17.95
AW2	No Data	No Data	121.68	Flooded		17.95	21.65	17.54	22.05	17.59	21.96	17.65	21.22	16.74	19.92	17.09	20.77	17.09	20.77	15.54	18.95

Note: (1) A PSH sample was collected from wells UGW13 and UGW25
during the additional data collection field investigatio
on February 18, 2002

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD + 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	01/31/02		02/28/02		03/31/02		04/30/02		05/31/02		06/30/02		07/31/02		08/31/02		09/30/02	
				Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	10.00	10.05	16.80	16.80	12.09	12.09	10.43	10.43	12.60	12.60	11.50	11.62	12.45	12.60	12.86	12.92	12.95	13.01
UGW2	160.53	1.58	162.11	56.10	56.28	55.96	56.22	56.10	56.34	56.84	56.84	57.19	57.19	57.50	58.46	57.62	58.27	57.97	58.14	58.00	58.00
UGW3	123.24	1.97	125.21	20.30	20.33	20.30	20.30	20.92	20.92	21.40	21.40	22.06	22.06	21.87	21.87	22.18	22.18	22.64	23.96	22.32	24.39
UGW4	119.24	1.42	120.66	14.90	14.90	15.60	15.60	16.39	16.39	16.54	16.54	16.96	16.96	16.79	16.79	17.08	17.08	17.21	17.21	16.80	16.80
UGW5	114.54	2.01	116.55	11.04	11.04	11.80	11.80	12.30	12.30	12.19	12.19	12.58	12.60	12.32	12.32	12.60	12.65	12.77	12.77	12.36	12.36
UGW6	109.75	1.75	111.50	8.92	8.92	9.18	9.18	9.67	9.67	9.27	9.27	9.60	9.60	8.87	8.87	9.71	9.71	9.70	9.70	9.20	9.20
UGW7	108.38	1.66	110.04	6.70	6.70	6.70	6.70	7.69	7.69	7.13	7.13	7.81	7.81	7.34	7.34	7.85	7.85	8.04	8.04	7.20	7.20
UGW8	108.59	1.65	110.24	6.70	6.70	6.84	6.84	7.66	7.66	7.11	7.17	7.58	7.58	7.27	7.27	7.75	7.75	7.91	7.91	6.60	6.60
UGW9	109.69	-0.24	109.45	3.60	3.60	3.64	3.64	3.84	3.84	3.67	3.67	3.81	3.81	3.80	3.80	4.08	4.08	4.01	4.01	3.60	3.60
UGW10	109.13	1.60	110.73	9.63	9.63	9.73	9.73	10.08	10.08	9.88	9.88	9.56	9.56	9.83	9.83	9.95	9.95	9.85	9.85	9.60	9.60
UGW11	108.03	1.61	109.64	8.85	8.85	8.87	8.87	9.11	9.11	8.80	8.80	8.71	8.71	8.67	8.67	8.85	8.85	8.71	8.71	8.60	8.60
UGW12	112.67	1.55	114.22	9.75	10.00	11.34	11.34	10.58	10.58	10.26	11.99	10.95	11.18	10.65	10.65	10.85	10.85	7.24	7.24	10.69	10.95
UGW13	112.11	1.47	113.58	9.65	18.14	11.42[1]	11.55	11.90	11.98	11.15	11.35	11.80	12.22	11.18	11.40	11.80	12.40	11.52	14.63	10.25	16.69
UGW14	118.18	1.41	119.59	14.09	14.09	14.71	14.71	15.48	15.48	15.64	15.64	16.03	16.03	15.85	15.85	16.17	16.17	16.26	16.26	15.86	15.86
UGW15	110.83	1.69	112.52	11.29	11.29	11.38	11.38	11.69	11.69	11.63	11.63	11.74	11.74	11.62	11.62	11.76	11.76	11.71	11.71	11.40	11.40
UGW16	112.25	1.58	113.83	10.85	10.85	10.95	10.95	11.23	11.23	11.01	11.01	11.17	11.17	11.15	11.15	11.31	11.31	11.23	11.23	11.70	11.70
UGW17	110.93	1.69	112.62	10.18	10.72	10.38	10.58	10.93	10.94	10.17	10.17	10.84	10.84	10.59	11.04	11.05	11.10	11.04	11.19	10.34	10.94
UGW18	113.02	1.53	114.55	10.00	10.00	10.05	10.05	10.48	10.48	10.23	10.23	10.44	10.44	10.34	10.34	10.55	10.55	10.48	10.48	10.40	10.40
UGW19	111.02	1.45	112.47	8.90	8.94	10.70	10.70	11.07	11.84	10.29	10.43	10.97	11.60	10.75	10.84	11.65	12.37	11.15	11.86	10.60	10.82
UGW20	109.73	2.41	112.14	Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R	
UGW20R	No Data	No Data	109.15	8.18	8.18	8.29	8.29	8.63	8.63	8.4	8.4	8.61	8.61	8.46	8.46	8.68	8.68	8.59	8.59	8.2	8.2
UGW21	111.15	2.26	113.41	11.49	11.60	11.88	11.88	12.37	12.64	11.52	11.59	12.22	12.22	12.10	12.15	12.40	12.85	12.09	14.09	11.58	12.80
UGW22	113.10	-2.80	110.30	1.48	1.48	15.65	15.65	6.68	6.68	6.13	6.13	6.71	6.71	6.70	6.70	7.11	7.11	7.41	7.41	6.29	6.29
UGW23	166.97	2.41	169.38	62.00	62.00	63.05	63.05	64.28	64.28	65.05	65.05	65.43	65.43	65.39	65.39	65.52	65.52	55.66	55.66	65.55	65.55
UGW24	176.96	2.04	179.00	74.60	74.60	74.46	74.46	74.74	74.74	75.56	75.56	75.88	75.88	76.00	76.00	76.11	76.11	76.44	76.44	76.70	76.70
UGW25	151.65	2.52	154.17	49.18	50.90	49.10[1]	50.80	49.72	51.50	50.33	52.10	50.78	51.05	50.80	52.72	51.11	53.09	51.35	53.42	52.02	54.27
UGW26	111.09	-0.30	110.79	6.52	6.52	6.72	6.72	7.22	7.22	7.25	7.25	7.32	7.32	7.22	7.22	7.28	7.28	7.35	7.35	7.20	7.20
UGW27	127.77	1.59	129.36	Not Gauged		25.97	25.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		23.84	23.84	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	Not Gauged		41.55	41.55	42.51	42.51	42.75	42.75	43.38	43.38	42.97	42.97	43.35	43.35	43.79	43.79	43.68	43.68
UGW32	185.74	2.83	188.57	Not Gauged		82.62	82.62	82.99	82.99	83.34	83.34	84.07	84.07	83.89	83.89	83.90	83.90	84.22	84.22	84.44	84.44
UGW33	211.56	2.92	214.48	Not Gauged		110.00	110.00	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	Not Gauged		86.87	86.87	87.23	87.23	87.60	87.60	88.23	88.23	88.13	88.13	88.32	88.32	88.74	88.74	88.98	88.98
PW1	113.78	1.60	115.38	8.59	8.59	8.87	8.87	9.43	9.43	9.19	9.19	9.7	9.7	9.35	9.35	9.70	9.70	10.37	10.37	9.45	9.45
PW2	113.46	2.23	115.69	9.89	10.21	10.58	10.95	11.3	11.51	11.05	11.23	11.72	11.81	11.34	11.45	11.75	11.90	11.96	12.08	11.32	11.32
PW3	115.14	2.19	117.33	10.70	10.74	10.95	10.95	12.38	12.38	12.06	12.06	11.81	11.81	11.8	11.83	12.80	12.85	13.45	13.46	12.95	12.95
PW4	113.51	2.14	115.65	Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	114.90	2.52	117.42	10.40	10.53	10.8	10.88	12.29	12.34	12.43	12.47	12.68	12.68	11.52	11.61	12.70	12.80	13.23	13.3	13.11	13.13
PW6	115.48	2.21	117.69	7.50	7.52	8.6	8.6	11.24	11.24	9.05	9.05	11.71	11.71	10.65	10.74	11.70	11.80	12.12	12.18	11	11
MW1	113.69	2.25	115.94	9.42	9.42	9.92	9.99	10.82	10.99	10.61	10.61	10.71	10.92	10.11	10.23	10.85	11.10	11.65	11.74	11.28	11.28
MW2	113.56	2.00	115.56	9.71	9.71	10.32	10.32	11.02	11.02	10.73	10.73	11.27	11.27	11.01	11.01	11.50	11.50	11.69	11.69	10.96	10.96
MW3	115.21	2.01	117.22	6.57	6.57	6.40	6.40	8.58	8.58	6.32	6.32	8.90	8.90	7.26	7.26	8.90	8.90	9.49	9.64	10.20	10.20
MW4	114.35	2.21	116.56	6.72	6.72	7.43	7.43	10.63	10.81	6.33	6.33	10.93	10.93	9.07	9.07	11.06	11.25	11.65	11.94	10.30	10.30
RW1	121.25	-0.70	120.55	10.55	10.60	15.30	15.62	17.51	17.97	16.36	16.71	16.78	17.06	16.64	16.64	17.00	17.27	17.87	18.45	16.69	17.09
RW2	118.85	-0.84	118.01	1.45	1.45	10.80	10.80	12.85	12.85	9.84	9.84	13.34	13.34	12.30	12.30	13.60	13.60	14.12	14.12	10.30	10.30

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well	Ground Elevation	WELL RISER	Reference Point	01/31/02		02/28/02		03/31/02		04/30/02		05/31/02		06/30/02		07/31/02		08/31/02		09/30/02	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)	
RW4	111.96	-0.87	111.09	2.25	2.25	6.38	6.38	6.78	6.78	6.64	6.64	6.89	6.89	5.38	5.38	7.24	7.24	11.88	12.82	7.00	7.00
RW5	111.87	-1.52	110.35	7.75	8.10	7.97	8.35	7.50	7.50	7.39	10.67	7.87	9.25	7.64	7.86	8.20	10.40	7.90	12.47	7.15	11.50
RW6	111.45	-1.63	109.82	6.84	6.84	7.76	7.76	8.31	8.31	7.54	7.54	8.21	8.21	7.99	7.99	8.40	8.40	7.44	7.44	8.10	8.10
RW7	111.22	-2.63	108.59	0.00	0.00	6.82	6.82	7.16	7.16	6.46	6.46	7.18	7.18	5.82	5.84	7.43	7.43	6.34	6.34	6.70	6.70
RW8	111.50	-1.61	109.89	7.95	7.95	8.32	8.32	8.80	8.80	8.11	8.12	8.60	8.61	8.48	8.48	8.90	8.90	8.85	8.85	8.30	8.30
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW02	112.06	1.88	113.94	9.91	9.91	10.17	10.17	10.70	10.70	10.63	10.63	10.30	10.30	10.76	10.76	11.00	11.00	11.06	11.06	10.70	10.70
GW03	111.39	2.01	113.40	9.45	9.45	9.67	9.67	10.16	10.16	10.02	10.02	10.98	10.98	10.14	10.14	10.35	10.35	10.33	10.33	10.00	10.00
GW04	111.00	2.06	113.06	8.24	8.24	8.19	8.19	8.67	8.67	8.55	8.55	9.07	9.07	8.48	8.48	8.73	8.73	8.75	8.75	8.50	8.50
GW05	108.75	(Clogged)		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW06	108.90	2.05	110.95	8.41	8.41	8.59	8.59	8.89	8.89	8.74	8.74	8.95	8.95	8.86	8.86	9.02	9.02	8.83	8.83	7.65	7.65
470MW1	130.13	3.01	133.14	27.17	27.41	27.72	27.72	28.38	28.38	28.81	28.81	29.11	29.35	28.89	29.00	29.10	29.20	29.25	29.36	29.10	29.10
470MW3	120.63	2.52	123.15	19.32	19.32	19.57	19.57	20.08	20.08	20.13	20.13	20.39	20.39	20.22	20.22	20.45	20.45	20.49	20.49	20.10	20.10
7MW01A	125.78	2.63	128.41	24.56	24.56	24.83	24.83	25.34	25.34	25.47	25.47	25.79	25.79	25.58	25.58	25.75	25.75	25.73	25.73	25.30	25.30
7MW02A	145.59	2.91	148.50	41.14	41.14	42.28	42.28	43.51	43.51	44.23	44.23	44.67	44.67	44.57	44.57	44.57	44.57	44.85	44.85	44.71	44.71
7MW03	176.98	2.33	179.31	72.60	72.60	72.79	72.79	73.36	73.36	74.21	74.21	74.69	74.69	74.77	74.77	75.03	75.03	75.20	75.20	75.60	75.60
7MW04	180.62	1.94	182.56	78.19	78.19	78.08	78.08	78.51	78.51	79.30	79.30	79.70	79.70	79.70	79.76	79.88	79.88	80.26	80.26	80.45	80.45
7MW05	112.14	1.99	114.13	11.71	11.71	11.93	11.93	12.38	12.38	12.18	12.18	12.60	12.60	12.38	12.38	12.72	12.72	12.76	12.76	13.31	13.31
7MW06	108.45	-0.20	108.25	7.49	7.49	7.60	7.60	7.61	7.61	7.83	7.83	7.63	7.63	7.66	7.66	7.67	7.67	7.52	7.52	7.40	7.40
7MW07	113.32	2.03	115.35	13.30	13.30	13.65	13.65	14.09	14.09	13.45	13.45	13.70	13.70	13.93	13.93	14.20	14.20	14.06	14.06	13.60	13.60
7MW08	111.58	-0.25	111.33	9.84	10.38	10.05	10.65	10.30	11.89	9.33	10.96	10.11	11.62	10.02	11.09	10.40	12.00	10.28	11.99	9.73	11.21
7MW09	159.16	2.18	161.34	54.35	54.35	55.38	55.38	56.49	56.49	57.13	57.13	57.58	57.58	57.48	57.48	57.59	57.59	57.72	57.72	57.55	57.55
7MW10	106.93	-0.19	106.74	Not Installed		6.01	6.01	6.52	6.52	6.10	6.10	6.27	6.27	6.12	6.12	6.30	6.30	6.22	6.22	5.90	5.90
7MW11	109.23	-0.21	109.02	Not Installed		6.59	6.59	7.17	7.17	7.15	7.15	7.38	7.38	7.30	7.30	7.38	7.38	7.46	7.46	7.40	7.40
7MW12	108.14	-0.19	107.95	Not Installed		7.62	7.62	8.01	8.01	7.57	7.57	7.66	7.66	7.80	7.80	5.61	5.61	7.41	7.41	7.60	7.60
7MW13	108.60	-0.21	108.39	Not Installed		6.49	6.49	7.41	7.41	6.85	6.85	7.14	7.14	6.90	6.90	7.15	7.15	7.39	7.39	6.80	6.80
7MW14	106.61	-0.02	106.59	Not Installed		5.44	5.44	5.79	5.79	5.47	5.47	5.56	5.56	5.64	5.64	6.40	6.40	5.51	5.51	5.20	5.20
7MW15	111.50	2.67	114.17	Not Installed		8.43	8.58	8.89	9.07	8.69	8.80	9.15	9.22	8.80	8.84	9.10	9.15	9.23	9.29	9.82	9.82
7MW16	118.19	2.38	120.57	Not Installed		7.65	7.65	9.84	9.84	7.80	7.80	8.78	8.78	8.19	8.19	9.26	9.26	10.43	10.43	6.88	6.88
7MW17	144.60	3.04	147.64	Not Installed		43.13	43.13	43.83	43.83	44.37	44.37	44.81	44.81	44.65	44.65	44.95	44.95	45.36	45.36	45.45	45.45
7MW18	173.07	2.24	175.31	Not Installed		70.72	70.72	71.59	71.59	72.01	72.01	72.43	72.43	72.30	72.30	72.64	72.64	73.00	73.00	73.10	73.10
7MW19	214.33	2.49	216.82	Not Installed		112.44	112.44	113.14	113.14	113.31	113.31	113.31	113.31	113.89	113.89	114.01	114.01	113.82	113.82	115.75	115.75
7MW20	110.88	2.37	113.25	Not Installed		11.60	11.60	12.64	12.64	11.77	11.77	12.48	12.48	12.42	12.42	12.80	12.80	12.78	12.78	13.10	13.10
Trench MW	No Data	No Data	109.82	1.05	1.05	5.92	5.92	6.95	6.95	6.02	6.02	7.02	7.02	6.90	6.90	7.30	7.30	7.82	7.82	6.50	6.50
MTMW1	No Data	No Data	123.53	18.03	21.18	18.03	21.25	18.42	22.31	18.85	22.80	26.60	29.36	19.35	23.12	19.65	23.78	20.09	24.39	20.10	24.04
MTMW2	No Data	No Data	122.87	15.58	20.60	16.30	22.90	17.52	22.11	17.84	21.87	18.23	22.48	18.08	22.11	18.42	19.91	18.47	22.64	18.19	22.10
MTMW3	No Data	No Data	122.42	17.43	18.71	17.52	18.30	18.04	18.94	18.48	19.31	18.95	19.51	18.88	20.06	18.85	20.18	19.31	22.93	19.32	22.74
MTMW4	No Data	No Data	122.04	15.12	21.10	15.84	22.52	17.14	21.57	17.41	21.45	17.80	21.91	17.67	17.75	17.95	22.10	18.36	22.64	17.80	21.76
AW1	No Data	No Data	122.58	17.41	18.85	17.68	17.68	18.31	18.31	18.02	21.45	19.66	21.08	18.63	21.54	19.21	21.80	19.36	22.74	19.65	22.10
AW2	No Data	No Data	121.68	12.37	13.42	16.33	17.50	16.74	20.41	16.99	20.50	17.40	19.08	17.37	20.10	17.60	21.00	17.69	21.27	17.40	20.65

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD + 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	10/31/02		11/30/02		12/31/02		01/31/03		02/28/03		03/31/03		04/30/03		05/31/03		06/30/03	
				Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	12.01	12.08	16.55	16.58	12.82	12.82	13.45	13.45	13.88	13.88	14.00	14.03	13.10	13.10	10.17	10.24	12.25	12.25
UGW2	160.53	1.58	162.11	57.94	58.00	65.65	65.65	57.89	57.89	57.65	57.65	57.68	57.68	57.66	58.05	57.30	57.30	56.90	57.30	56.90	57.30
UGW3	123.24	1.97	125.21	22.15	22.34	22.29	22.40	22.32	22.35	22.70	23.54	22.42	25.40	22.70	26.90	22.10	25.60	22.10	22.35	21.95	22.10
UGW4	119.24	1.42	120.66	16.69	16.69	16.95	16.95	17.26	17.26	17.80	17.82	17.97	17.97	18.28	18.28	15.40	15.40	16.25	16.25	17.05	17.05
UGW5	114.54	2.01	116.55	12.20	12.20	12.50	12.50	12.90	12.90	13.75	13.93	14.03	14.05	14.35	14.37	10.31	10.35	12.35	12.35	13.10	13.10
UGW6	109.75	1.75	111.50	9.12	9.12	9.60	9.60	9.50	9.50	9.78	9.78	9.55	9.55	9.70	9.70	8.63	8.63	9.18	9.18	9.70	9.70
UGW7	108.38	1.66	110.04	6.80	6.80	7.25	7.25	7.00	7.00	7.62	7.62	8.00	8.00	8.45	8.45	6.95	6.95	8.50	8.50	7.45	7.45
UGW8	108.59	1.65	110.24	6.77	6.77	7.15	7.15	7.43	7.43	8.11	8.11	8.34	8.34	8.70	8.70	6.65	6.65	6.78	6.78	7.35	7.35
UGW9	109.69	-0.24	109.45	3.75	3.75	4.04	4.04	6.83	6.83	7.67	7.67	7.95	7.95	8.23	8.23	6.53	6.53	7.30	7.30	7.72	7.72
UGW10	109.13	1.60	110.73	9.62	9.62	9.73	9.73	9.79	9.79	9.93	9.93	10.02	10.02	10.00	10.00	9.28	9.28	9.58	9.58	9.80	9.80
UGW11	108.03	1.61	109.64	8.48	8.48	8.35	8.35	8.45	8.45	8.64	8.64	8.17	8.17	8.72	8.72	8.46	8.46	8.71	8.71	8.90	8.90
UGW12	112.67	1.55	114.22	10.62	10.71	10.74	10.74	11.41	11.44	11.35	15.54	11.62	15.10	11.75	16.10	9.10	15.54	11.75	12.78	11.12	13.50
UGW13	112.11	1.47	113.58	10.70	16.05	10.60	11.10	11.07	17.05	11.52	17.94	11.82	17.85	11.90	18.15	8.60	20.90	9.84	19.50	11.40	16.70
UGW14	118.18	1.41	119.59	15.72	15.72	16.10	16.10	16.28	16.28	16.95	16.95	17.10	17.10	17.31	17.31	14.55	14.55	15.40	15.40	16.14	16.14
UGW15	110.83	1.69	112.52	11.37	11.37	11.50	11.50	11.60	11.60	12.75	12.75	11.86	11.86	11.93	11.93	11.02	11.02	11.35	11.35	11.55	11.55
UGW16	112.25	1.58	113.83	11.06	11.06	11.20	11.20	12.03	12.03	12.51	12.51	12.26	12.26	12.86	12.86	11.80	11.80	12.18	12.18	12.48	12.48
UGW17	110.93	1.69	112.62	10.42	10.90	10.73	11.00	11.15	11.35	11.68	11.98	11.88	12.20	12.00	12.18	9.92	10.46	10.60	11.24	11.30	11.78
UGW18	113.02	1.53	114.55	10.30	10.30	10.53	10.53	12.01	12.01	12.78	12.78	13.05	13.05	13.20	13.20	11.78	11.78	12.26	12.26	13.72	13.72
UGW19	111.02	1.45	112.47	10.70	10.82	10.98	11.36	11.20	11.78	11.58	12.26	11.78	12.98	11.95	13.35	10.20	10.20	10.88	10.90	12.42	13.20
UGW20	109.73	2.41	112.14	Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R	
UGW20R	No Data	No Data	109.15	8.21	8.21	7.95	7.95	8.44	8.44	8.62	8.62	8.58	8.58	8.7	8.7	7.28	7.28	8	8	7.44	7.44
UGW21	111.15	2.26	113.41	11.90	12.01	12.06	12.06	12.36	12.76	12.36	14.28	12.53	14.28	12.65	14.29	11.16	12.65	11.96	12.65	13.70	14.30
UGW22	113.10	-2.80	110.30	6.10	6.10	6.70	6.70	6.40	6.40	8.33	8.33	8.74	8.74	9.00	9.00	4.98	4.98	6.21	6.21	6.10	6.10
UGW23	166.97	2.41	169.38	65.31	65.31	65.70	56.70	65.66	65.66	66.50	66.50	66.36	66.36	66.64	66.64	62.61	62.61	64.05	64.05	65.10	65.10
UGW24	176.96	2.04	179.00	76.31	76.31	76.30	76.30	76.21	76.21	76.47	76.47	76.68	76.68	77.05	77.05	76.77	76.77	75.16	75.16	77.90	77.90
UGW25	151.65	2.52	154.17	50.84	52.82	50.95	54.00	51.01	53.10	51.42	53.70	51.62	53.90	52.10	54.40	51.38	53.20	50.90	52.70	50.80	52.55
UGW26	111.09	-0.30	110.79	6.97	6.97	6.68	6.68	7.88	7.88	8.50	8.50	8.88	8.88	9.05	9.05	7.45	7.45	7.83	7.83	9.33	9.33
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	43.04	43.04	42.97	42.97	43.08	43.08	43.33	43.33	43.84	43.84	44.10	44.10	42.80	42.80	42.58	42.58	42.16	42.16
UGW32	185.74	2.83	188.57	83.73	83.73	83.28	83.28	82.28	82.28	82.47	82.47	82.36	82.36	83.80	83.80	81.60	81.60	80.20	80.20	81.50	81.50
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	88.65	88.65	88.49	88.49	88.49	88.49	88.73	88.73	88.89	88.89	89.20	89.20	89.12	89.12	88.42	88.42	87.16	87.16
PW1	113.78	1.60	115.38	9.26	9.26	9.56	9.56	9.76	9.76	12.47	12.47	11.96	11.96	12.64	12.64	8.12	8.12	9.30	9.30	9.90	9.90
PW2	113.46	2.23	115.69	11.05	11.06	11.54	11.58	11.58	11.6	12.76	12.91	13.02	13.18	13.38	13.52	10.00	10.00	11.02	11.60	11.90	11.90
PW3	115.14	2.19	117.33	12.74	12.74	13.08	13.08	13.34	13.38	14.50	14.50	14.35	14.37	14.76	14.8	9.70	9.70	10.06	10.06	12.45	12.45
PW4	113.51	2.14	115.65	Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	114.90	2.52	117.42	12.61	12.68	12.9	12.92	13.07	13.08	14.90	14.90	14.05	14.15	14.53	14.53	9.33	9.33	10.64	10.64	12.10	12.10
PW6	115.48	2.21	117.69	10.67	10.70	11.06	11.09	11.11	11.21	12.70	12.70	12.91	12.91	13	13.5	8.12	9.34	9.61	10.35	11.40	11.92
MW1	113.69	2.25	115.94	10.64	10.64	11.00	11.15	10.46	10.59	12.18	12.41	12.57	12.59	12.90	13.15	9.20	9.45	10.50	10.81	11.25	11.60
MW2	113.56	2.00	115.56	10.73	10.73	11.22	11.22	11.21	11.21	12.53	12.76	12.80	12.90	13.18	13.38	9.47	9.47	10.70	10.70	11.60	11.60
MW3	115.21	2.01	117.22	8.98	8.98	9.40	9.45	9.82	9.84	10.25	10.25	10.55	10.58	11.05	11.10	4.02	4.02	6.00	6.00	8.00	8.00
MW4	114.35	2.21	116.56	9.97	9.97	11.35	11.38	12.02	12.25	12.52	12.52	12.93	13.98	13.58	13.58	6.68	6.68	10.03	10.03	10.14	10.14
RW1	121.25	-0.70	120.55	16.57	16.92	16.85	16.85	16.18	17.75	15.80	15.80	16.72	18.58	18.68	20.28	15.08	15.50	16.03	16.45	17.70	18.30
RW2	118.85	-0.84	118.01	9.97	9.97	12.00	12.00	11.20	11.20	14.57	14.57	14.69	14.69	15.22	15.22	11.35	11.35	10.80	10.80	13.15	13.15

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD + 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	10/31/02		11/30/02		12/31/02		01/31/03		02/28/03		03/31/03		04/30/03		05/31/03		06/30/03	
				Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW22)		(see UGW22)		(see UGW22)		(see UGW22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)	
RW4	111.96	-0.87	111.09	6.84	6.84	7.12	7.12	6.33	6.33	8.38	8.38	8.84	8.84	6.56	8.60	7.72	7.72	8.12	8.12	7.55	7.55
RW5	111.87	-1.52	110.35	7.53	10.98	7.70	11.61	8.13	12.34	8.63	12.98	6.00	13.40	8.75	14.35	5.00	8.85	7.80	10.30	8.50	11.50
RW6	111.45	-1.63	109.82	7.89	7.89	8.12	8.12	8.57	8.57	9.09	9.09	9.20	9.20	9.38	9.38	3.05	3.05	7.72	7.72	8.70	8.70
RW7	111.22	-2.63	108.59	7.85	7.85	6.70	6.70	6.52	6.52	7.44	7.44	7.88	7.88	7.75	7.96	6.48	6.48	7.10	7.10	7.64	7.64
RW8	111.50	-1.61	109.89	8.35	8.35	8.38	8.38	8.00	8.00	9.33	9.35	8.30	8.30	9.60	9.70	8.05	8.10	8.60	8.63	8.05	8.05
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW02	112.06	1.88	113.94	10.54	10.54	10.80	10.80	11.01	11.01	11.46	11.46	11.65	11.65	11.95	11.95	10.22	10.22	10.60	10.60	10.75	10.75
GW03	111.39	2.01	113.40	9.93	9.93	10.20	10.20	10.57	10.57	11.20	11.20	11.32	11.32	11.58	11.58	10.00	10.00	10.31	10.31	11.04	11.04
GW04	111.00	2.06	113.06	8.51	8.51	8.63	8.63	9.06	9.06	9.40	9.40	9.70	9.70	10.26	10.26	8.18	8.18	9.00	9.00	9.15	9.15
GW05	108.75	(Clogged)		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW06	108.90	2.05	110.95	8.54	8.54	8.83	8.83	9.10	9.10	8.40	8.40	10.00	10.00	11.30	11.30	8.70	8.70	8.90	8.90	11.26	11.26
470MW1	130.13	3.01	133.14	28.80	28.82	29.08	29.10	29.20	29.38	29.70	29.70	29.94	30.16	30.30	30.54	28.54	28.54	28.16	28.31	28.70	28.80
470MW3	120.63	2.52	123.15	19.96	19.96	20.25	20.25	20.41	20.41	20.88	20.88	21.10	21.10	21.35	21.35	19.66	19.66	20.00	20.00	20.42	20.42
7MW01A	125.78	2.63	128.41	25.20	25.20	25.53	25.53	25.68	25.68	26.15	26.15	26.32	26.32	26.64	26.64	26.28	26.28	25.23	25.23	25.70	25.70
7MW02A	145.59	2.91	148.50	44.47	44.47	44.80	44.80	44.86	44.86	45.43	45.43	45.56	45.56	45.84	45.84	41.34	41.34	43.20	43.20	44.30	44.30
7MW03	176.98	2.33	179.31	75.32	75.32	75.35	75.35	75.14	75.14	75.16	75.16	75.17	75.17	75.23	75.23	74.10	74.10	74.10	74.10	74.30	74.30
7MW04	180.62	1.94	182.56	79.96	79.96	80.08	80.08	80.00	80.00	80.40	80.40	80.54	80.54	80.88	80.88	80.41	80.41	80.00	80.00	79.80	79.80
7MW05	112.14	1.99	114.13	12.16	12.16	12.45	12.45	12.60	12.60	12.84	12.84	13.00	13.00	13.28	13.28	11.75	11.75	12.10	12.10	12.54	12.54
7MW06	108.45	-0.20	108.25	7.39	7.39	7.45	7.45	7.44	7.44	7.73	7.73	7.78	7.78	6.82	6.82	7.20	7.20	7.46	7.46	7.08	7.08
7MW07	113.32	2.03	115.35	13.59	13.59	13.87	13.87	14.15	14.15	14.48	14.48	14.63	14.63	14.85	14.85	13.50	13.50	13.88	13.88	14.42	14.42
7MW08	111.58	-0.25	111.33	9.90	10.73	9.90	11.40	10.22	11.89	10.60	12.65	10.81	12.52	11.00	13.75	9.70	11.10	10.51	10.98	10.72	11.05
7MW09	159.16	2.18	161.34	57.32	57.32	57.61	57.61	57.68	57.68	58.22	58.22	58.40	58.40	58.70	58.70	51.92	51.92	56.29	56.29	57.10	57.10
7MW10	106.93	-0.19	106.74	5.98	5.98	6.10	6.10	6.10	6.10	6.24	6.24	6.35	6.35	6.35	6.35	5.85	5.85	6.03	6.03	6.22	6.27
7MW11	109.23	-0.21	109.02	7.32	7.32	7.43	7.43	7.46	7.46	7.61	7.61	7.72	7.72	7.82	7.82	7.11	7.11	7.26	7.26	7.48	7.48
7MW12	108.14	-0.19	107.95	7.11	7.11	7.60	7.60	7.05	7.05	7.30	7.30	7.61	7.61	6.44	6.44	7.44	7.44	7.80	7.80	7.74	7.74
7MW13	108.60	-0.21	108.39	6.78	6.78	7.10	7.10	7.15	7.15	7.62	7.62	7.54	7.54	7.83	7.83	6.29	6.29	6.42	6.42	7.05	7.05
7MW14	106.61	-0.02	106.59	5.19	5.19	5.55	5.55	5.14	5.14	5.55	5.55	5.04	5.04	5.70	5.70	5.18	5.18	5.35	5.35	6.42	6.42
7MW15	111.50	2.67	114.17	8.55	8.67	8.89	8.89	8.10	8.12	9.32	9.32	9.50	9.50	9.82	9.82	8.49	8.49	8.52	8.52	8.90	8.90
7MW16	118.19	2.38	120.57	7.23	7.23	6.50	6.50	8.00	8.00	8.78	8.78	9.25	9.25	10.44	10.44	7.20	7.20	6.92	6.92	8.28	8.28
7MW17	144.60	3.04	147.64	45.04	45.04	45.12	45.12	45.09	45.09	45.50	45.50	45.70	45.70	46.10	46.10	45.58	45.58	45.10	45.10	44.85	44.85
7MW18	173.07	2.24	175.31	72.62	72.62	72.80	72.80	72.68	72.68	73.10	73.10	73.30	73.30	73.77	73.77	73.92	73.92	72.70	72.70	72.43	72.43
7MW19	214.33	2.49	216.82	114.32	114.32	114.29	114.29	113.62	113.62	114.66	114.66	114.84	114.84	118.00	118.00	114.80	114.80	114.00	114.00	114.00	114.00
7MW20	110.88	2.37	113.25	12.19	12.19	12.46	12.46	12.65	12.65	13.90	13.90	13.22	13.22	13.42	13.42	11.85	11.85	12.33	12.33	12.82	12.82
Trench MW	No Data	No Data	109.82	6.02	6.02	7.29	7.29	7.54	7.54	7.25	7.25	8.58	8.58	8.95	8.95	5.00	5.00	6.52	6.52	7.55	7.55
MTMW1	No Data	No Data	123.53	19.76	23.10	19.95	23.64	19.88	23.59	20.22	24.35	20.40	24.55	20.84	25.14	22.40	23.70	19.80	23.10	19.60	23.04
MTMW2	No Data	No Data	122.87	18.12	22.43	18.20	22.70	18.41	23.05	19.06	24.05	19.12	24.00	19.45	24.36	16.70	19.85	17.49	21.87	18.15	23.20
MTMW3	No Data	No Data	122.42	18.92	21.88	19.10	22.30	19.06	22.00	19.23	22.55	19.64	23.10	20.14	23.32	19.20	22.50	19.20	20.60	19.15	20.20
MTMW4	No Data	No Data	122.04	17.76	21.39	17.80	22.10	18.09	22.51	18.55	23.30	18.89	23.44	19.05	23.85	16.20	19.90	17.10	21.16	17.75	22.40
AW1	No Data	No Data	122.58	19.09	21.39	19.08	21.94	19.16	21.96	19.48	22.97	19.84	22.70	18.67	22.74	19.35	21.85	19.24	20.32	19.40	19.52
AW2	No Data	No Data	121.68	17.37	19.85	17.50	21.05	17.62	21.42	18.13	22.20	18.34	21.80	20.10	23.76	16.10	17.55	17.00	18.75	17.70	20.50

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD - 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	07/31/03		08/31/03		09/30/03		10/31/03	
				Product	Water	Product	Water	Product	Water	Product	Water
UGW1	114.81	1.76	116.57	8.60	8.65	12.28	12.36	(2)	(2)	(2)	(2)
UGW2	160.53	1.58	162.11	55.12	55.12	55.12	55.12	(2)	(2)	(2)	(2)
UGW3	123.24	1.97	125.21	22.79	22.79	21.77	21.77	(2)	(2)	(2)	(2)
UGW4	119.24	1.42	120.66	16.76	16.76	17.30	17.30	(2)	(2)	(2)	(2)
UGW5	114.54	2.01	116.55	12.45	12.45	13.22	13.30	(2)	(2)	(2)	(2)
UGW6	109.75	1.75	111.50	7.82	7.82	9.40	9.40	(2)	(2)	(2)	(2)
UGW7	108.38	1.66	110.04	6.76	6.76	7.23	7.23	(2)	(2)	(2)	(2)
UGW8	108.59	1.65	110.24	6.82	6.82	7.28	7.28	(2)	(2)	(2)	(2)
UGW9	109.69	-0.24	109.45	7.13	7.13	7.75	7.75	(2)	(2)	(2)	(2)
UGW10	109.13	1.60	110.73	9.54	9.54	8.55	8.55	(2)	(2)	(2)	(2)
UGW11	108.03	1.61	109.64	8.70	8.70	8.77	8.77	(2)	(2)	(2)	(2)
UGW12	112.67	1.55	114.22	10.65	12.91	10.82	15.10	(2)	(2)	(2)	(2)
UGW13	112.11	1.47	113.58	9.74	11.09	11.15	16.87	(2)	(2)	(2)	(2)
UGW14	118.18	1.41	119.59	15.75	15.75	16.18	16.18	(2)	(2)	(2)	(2)
UGW15	110.83	1.69	112.52	10.60	10.65	11.51	11.51	(2)	(2)	(2)	(2)
UGW16	112.25	1.58	113.83	12.10	12.10	12.10	12.10	(2)	(2)	(2)	(2)
UGW17	110.93	1.69	112.62	10.33	10.74	11.14	11.76	(2)	(2)	(2)	(2)
UGW18	113.02	1.53	114.55	12.30	12.30	13.70	13.70	(2)	(2)	(2)	(2)
UGW19	111.02	1.45	112.47	10.60	10.68	11.38	11.41	(2)	(2)	(2)	(2)
UGW20	109.73	2.41	112.14	Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		(2)	(2)	(2)	(2)
UGW20R	No Data	No Data	109.15	6.3	6.3	7.7	7.7	(2)	(2)	(2)	(2)
UGW21	111.15	2.26	113.41	11.55	11.85	12.37	12.80	(2)	(2)	(2)	(2)
UGW22	113.10	-2.80	110.30	5.69	5.69	6.90	6.90	(2)	(2)	(2)	(2)
UGW23	166.97	2.41	169.38	65.05	65.05	65.65	65.65	(2)	(2)	(2)	(2)
UGW24	176.96	2.04	179.00	66.94	66.94	75.77	75.77	(2)	(2)	(2)	(2)
UGW25	151.65	2.52	154.17	52.10	55.30	50.56	52.40	(2)	(2)	(2)	(2)
UGW26	111.09	-0.30	110.79	7.98	7.98	9.35	9.35	(2)	(2)	(2)	(2)
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		(2)	(2)	(2)	(2)
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		(2)	(2)	(2)	(2)
UGW31	142.66	2.31	144.97	42.33	42.33	42.47	42.47	(2)	(2)	(2)	(2)
UGW32	185.74	2.83	188.57	82.70	82.70	82.85	82.85	(2)	(2)	(2)	(2)
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		(2)	(2)	(2)	(2)
UGW34	188.61	2.67	191.28	88.05	88.05	87.93	87.93	(2)	(2)	(2)	(2)
PW1	113.78	1.60	115.38	9.15	9.15	9.98	9.98	(2)	(2)	(2)	(2)
PW2	113.46	2.23	115.69	11.07	11.07	11.85	11.90	(2)	(2)	(2)	(2)
PW3	115.14	2.19	117.33	9.82	9.82	12.61	12.61	(2)	(2)	(2)	(2)
PW4	113.51	2.14	115.65	Damaged		Damaged		(2)	(2)	(2)	(2)
PW5	114.90	2.52	117.42	10.40	10.40	12.30	12.37	(2)	(2)	(2)	(2)
PW6	115.48	2.21	117.69	9.15	9.35	11.51	11.80	(2)	(2)	(2)	(2)
MW1	113.69	2.25	115.94	9.00	9.00	11.40	11.73	(2)	(2)	(2)	(2)
MW2	113.56	2.00	115.56	10.65	10.65	11.54	11.54	(2)	(2)	(2)	(2)
MW3	115.21	2.01	117.22	3.52	3.52	8.40	8.40	(2)	(2)	(2)	(2)
MW4	114.35	2.21	116.56	6.08	6.08	10.89	11.00	(2)	(2)	(2)	(2)
RW1	121.25	-0.70	120.55	16.90	17.20	17.38	17.57	(2)	(2)	(2)	(2)
RW2	118.85	-0.84	118.01	10.14	10.14	11.40	11.40	(2)	(2)	(2)	(2)

TABLE 1

MONITORING WELL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	Ground Elevation ft NGVD + 100 ft	WELL RISER HEIGHT IN FT	Reference Point Elevation	07/31/03		08/31/03		09/30/03		10/31/03	
				Product	Water	Product	Water	Product	Water	Product	Water
RW3	(see UGW22)			(see UGW-22)		(see UGW-22)		(2)	(2)	(2)	(2)
RW4	111.96	-0.87	111.09	7.95	7.95	8.60	8.60	(2)	(2)	(2)	(2)
RW5	111.87	-1.52	110.35	7.80	9.55	8.60	11.75	(2)	(2)	(2)	(2)
RW6	111.45	-1.63	109.82	5.00	5.00	8.57	8.57	(2)	(2)	(2)	(2)
RW7	111.22	-2.63	108.59	6.04	6.04	7.55	7.56	(2)	(2)	(2)	(2)
RW8	111.50	-1.61	109.89	8.20	8.20	8.93	8.95	(2)	(2)	(2)	(2)
GW01	108.94	2.58	111.52	Not Gauged		Not Gauged		(2)	(2)	(2)	(2)
GW02	112.06	1.88	113.94	10.57	10.57	11.00	11.00	(2)	(2)	(2)	(2)
GW03	111.39	2.01	113.40	10.39	10.39	8.82	8.82	(2)	(2)	(2)	(2)
GW04	111.00	2.06	113.06	8.90	8.90	10.38	10.38	(2)	(2)	(2)	(2)
GW05	108.75	(Clogged)		Not Gauged		Not Gauged		(2)	(2)	(2)	(2)
GW06	108.90	2.05	110.95	8.96	8.96	9.28	9.28	(2)	(2)	(2)	(2)
470MW1	130.13	3.01	133.14	28.37	28.37	29.00	29.00	(2)	(2)	(2)	(2)
470MW3	120.63	2.52	123.15	20.00	20.00	20.40	20.40	(2)	(2)	(2)	(2)
7MW01A	125.78	2.63	128.41	25.30	25.30	25.70	25.70	(2)	(2)	(2)	(2)
7MW02A	145.59	2.91	148.50	44.12	44.12	44.80	44.80	(2)	(2)	(2)	(2)
7MW03	176.98	2.33	179.31	74.50	74.50	74.74	74.74	(2)	(2)	(2)	(2)
7MW04	180.62	1.94	182.56	79.66	79.66	79.55	79.55	(2)	(2)	(2)	(2)
7MW05	112.14	1.99	114.13	11.95	11.95	12.30	12.30	(2)	(2)	(2)	(2)
7MW06	108.45	-0.20	108.25	7.37	7.37	7.62	7.62	(2)	(2)	(2)	(2)
7MW07	113.32	2.03	115.35	13.81	13.81	14.38	14.38	(2)	(2)	(2)	(2)
7MW08	111.58	-0.25	111.33	10.00	10.25	10.55	10.88	(2)	(2)	(2)	(2)
7MW09	159.16	2.18	161.34	57.15	57.15	57.71	57.71	(2)	(2)	(2)	(2)
7MW10	106.93	-0.19	106.74	5.98	5.98	6.18	6.18	(2)	(2)	(2)	(2)
7MW11	109.23	-0.21	109.02	7.26	7.26	9.90	9.90	(2)	(2)	(2)	(2)
7MW12	108.14	-0.19	107.95	7.50	7.50	7.40	7.40	(2)	(2)	(2)	(2)
7MW13	108.60	-0.21	108.39	6.68	6.68	7.06	7.06	(2)	(2)	(2)	(2)
7MW14	106.61	-0.02	106.59	5.11	5.11	5.16	5.16	(2)	(2)	(2)	(2)
7MW15	111.50	2.67	114.17	8.57	8.57	8.91	9.00	(2)	(2)	(2)	(2)
7MW16	118.19	2.38	120.57	5.80	5.80	8.10	8.10	(2)	(2)	(2)	(2)
7MW17	144.60	3.04	147.64	44.70	44.70	44.60	44.60	(2)	(2)	(2)	(2)
7MW18	173.07	2.24	175.31	72.31	72.31	72.25	72.25	(2)	(2)	(2)	(2)
7MW19	214.33	2.49	216.82	114.00	114.00	113.78	113.78	(2)	(2)	(2)	(2)
7MW20	110.88	2.37	113.25	12.10	12.10	12.71	12.71	(2)	(2)	(2)	(2)
Trench MW	No Data	No Data	109.82	5.25	5.25	7.22	7.22	(2)	(2)	(2)	(2)
MTMW1	No Data	No Data	123.53	20.42	23.73	19.41	22.85	(2)	(2)	(2)	(2)
MTMW2	No Data	No Data	122.87	17.90	18.60	17.32	21.00	(2)	(2)	(2)	(2)
MTMW3	No Data	No Data	122.42	18.80	19.30	18.87	19.65	(2)	(2)	(2)	(2)
MTMW4	No Data	No Data	122.04	17.45	19.50	16.93	21.75	(2)	(2)	(2)	(2)
AW1	No Data	No Data	122.58	19.06	19.40	19.12	19.25	(2)	(2)	(2)	(2)
AW2	No Data	No Data	121.68	17.23	19.00	16.73	19.90	(2)	(2)	(2)	(2)

(2) September and October data not reported due to gauging errors made by Cape Environmental's subcontractor (BoksoMonoi Environmental, Inc.

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	1/28/1997	2/25/1997	4/21/1997	5/22/1997	6/17/1997	6/30/1997	7/30/1997	9/3/1997	9/26/1997	10/30/1997	11/25/1997	12/23/1997
UGW1	2.36	2.40	2.40	2.56	2.62	2.59	2.55	2.93	2.69	2.71	2.77	2.72
UGW2	0.00	0.00	0.00	0.18	0.27	0.31	0.27	0.62	0.35	0.12	0.00	0.01
UGW3	6.10	5.96	6.16	0.00	0.00	0.00	5.03	5.30	5.05	4.05	5.01	4.30
UGW4	11.31	11.31	11.32	9.82	9.71	9.72	9.41	10.10	9.38	9.75	9.66	9.59
UGW5	2.35	0.30	0.41	0.35	0.37	0.36	0.19	1.00	0.24	0.05	0.10	0.22
UGW6	(1)	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	9.19	9.00	8.59	8.49	8.37	8.35	8.22	8.61	7.95	10.38	9.25	9.18
UGW13	7.67	7.57	7.70	6.16	6.58	6.34	7.40	7.96	6.36	10.12	7.30	7.43
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	2.92	2.41	2.54	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	4.80	4.82	4.70	4.05	4.18	4.03	4.70	5.00	4.49	6.51	6.79	7.31
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	3.75	3.74	3.70	(1)	0.00	0.00	2.42	4.95	2.67	0.33	1.93	1.08
UGW20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW20R	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW21	2.15	2.14	2.00	1.74	1.78	1.93	2.04	3.10	2.17	2.12	2.08	2.20
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(1)	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.58	1.11	1.56	1.82	1.98	2.02	1.94	2.90	2.17	1.82	1.77	1.62
UGW26	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PW1	0.00	0.00	0.00	0.12	0.14	0.07	0.07	0.35	0.07	0.77	0.11	0.79
PW2	0.86	0.70	0.88	1.21	1.37	1.33	1.09	1.48	1.02	0.63	0.60	0.72
PW3	3.67	4.22	3.70	5.96	6.39	6.57	6.98	7.98	7.62	8.75	9.12	9.76
PW4	1.74	1.74	1.75	2.38	2.98	2.64	2.67	3.48	3.12	3.36	3.37	3.47
PW5	5.10	5.79	5.09	7.03	7.25	7.35	7.40	7.95	7.78	8.17	8.40	8.85
PW6	10.72	10.93	10.67	10.01	9.92	9.78	9.83	10.11	9.79	13.18	11.86	13.20
MW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00
MW2	0.00	0.00	0.00	0.17	0.29	0.30	0.03	0.60	0.81	0.00	0.00	0.00
MW3	2.27	2.50	2.25	3.16	3.31	3.36	3.69	4.30	4.21	4.22	4.49	4.63
MW4	2.30	2.30	2.32	2.13	2.40	2.42	1.94	2.40	2.47	3.32	2.96	3.24
RW1	8.10	2.98	5.99	7.41	7.43	7.38	7.18	7.78	7.55	0.83	2.88	1.02
RW2	0.90	0.45	0.39	1.43	0.09	0.47	0.00	0.00	(1)	0.00	0.00	(1)
RW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(1)	0.00	0.00	0.00
RW4	0.57	0.00	0.76	3.10	0.10	0.53	0.01	0.21	(1)	0.00	0.00	0.00
RW5	0.26	0.55	2.23	5.64	1.15	4.42	0.12	0.95	(1)	0.20	0.07	0.11
RW6	0.17	0.17	0.20	0.22	0.21	0.23	0.00	1.09	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	1/28/1997	2/25/1997	4/21/1997	5/22/1997	6/17/1997	6/30/1997	7/30/1997	9/3/1997	9/26/1997	10/30/1997	11/25/1997	12/23/1997
RW7	2.52	0.37	2.67	2.62	0.69	1.99	0.00	2.10	0.94	0.26	0.00	0.00
RW8	0.31	0.25	0.02	0.23	0.83	2.49	0.13	2.25	0.19	0.04	0.00	0.00
GW01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	(1)
GW02	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	(1)	(1)	(1)	(1)	(1)	0.30	0.06	0.55	0.29	0.30	0.18	0.28
GW05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	(1)	(1)
GW06	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	(1)	(1)	(1)	(1)	(1)	0.30	0.20	1.10	0.29	0.08	0.29	0.28
470MW3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	(1)
7MW01A	(2)	(2)	(2)	(2)	(2)	(1)	(1)	0.00	0.00	0.00	0.00	0.00
7MW02A	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW04	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW05	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	(1)	(1)
7MW06	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW07	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW08	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW09	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW10	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Trench MW	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MTMW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	1/26/1998	2/25/1998	3/24/1998	4/29/1998	6/3/1998	7/7/1998	8/12/1998	11/16/1998	12/9/1998	1/25/1999	2/23/1999	3/29/1999
UGW1	2.80	2.80	2.79	2.75	2.77	2.78	0.61	1.40	1.39	1.70	1.68	1.74
UGW2	0.00	0.00	0.04	0.16	0.42	0.52	0.62	0.00	0.00	0.00	0.00	0.01
UGW3	4.05	3.97	3.95	2.04	2.02	2.00	0.57	0.55	0.56	0.00	Blocked	0.00
UGW4	10.23	10.21	10.21	0.05	0.01	0.03	0.02	0.01	0.01	0.00	0.00	0.00
UGW5	0.20	0.21	0.06	0.00	0.16	0.21	0.34	0.25	0.24	0.30	0.20	0.19
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.01
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
UGW11	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
UGW12	8.86	8.47	8.19	8.12	7.74	7.75	7.58	9.70	11.25	8.66	8.01	7.66
UGW13	7.48	1.87	6.45	6.94	2.26	6.75	6.79	10.95	12.30	8.80	7.42	7.05
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
UGW17	7.70	7.52	6.00	2.08	2.28	2.53	1.39	3.85	6.82	9.69	6.16	5.20
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	1.64	2.12	2.25	1.63	2.47	2.32	2.20	1.36	1.37	1.17	1.25	0.50
UGW20	0.00	0.00	0.00	0.00	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	(3)	(3)
UGW20R	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.01
UGW21	3.02	2.37	2.39	2.21	2.26	2.14	2.03	2.90	2.63	2.90	2.14	2.37
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
UGW24	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.51	1.56	1.66	2.04	1.74	1.75	1.82	0.00	0.00	0.00	Blocked	0.00
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PW1	0.11	0.16	0.19	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00
PW2	0.73	0.75	0.80	0.86	0.87	0.97	1.08	1.30	1.59	1.65	1.71	2.66
PW3	9.95	9.80	9.77	9.85	9.85	9.84	7.71	9.53	9.88	0.85	0.90	0.90
PW4	3.55	3.62	3.66	3.77	3.73	3.89	0.18	Flooded	0.00	Overflow	Pump	Clogged
PW5	8.97	8.95	8.85	8.88	8.92	8.92	6.70	7.37	7.37	1.12	1.29	1.29
PW6	12.44	11.67	10.92	10.68	10.57	9.39	1.13	0.00	0.00	0.10	Pump	0.05
MW1	0.00	0.00	0.00	0.86	0.12	1.14	0.01	0.00	1.29	1.45	0.34	2.30
MW2	0.00	0.00	0.00	0.07	0.08	0.12	0.17	0.00	0.00	0.00	0.00	0.00
MW3	5.03	5.42	5.35	5.86	6.01	6.20	0.00	0.00	0.00	0.75	0.00	0.72
MW4	2.92	2.45	1.97	0.51	0.53	0.72	0.55	1.20	1.24	1.30	0.90	0.66
RW1	3.13	4.63	5.89	6.48	6.57	7.16	0.00	0.05	0.00	0.00	Blocked	Blocked
RW2	0.00	0.00	0.10	0.22	0.00	0.37	0.43	0.00	0.00	0.00	0.00	0.00
RW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW4	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
RW5	0.20	0.38	2.55	2.42	2.40	2.41	4.60	0.05	0.01	0.10	0.30	0.38
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.42	0.02	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	1/26/1998	2/25/1998	3/24/1998	4/29/1998	6/3/1998	7/7/1998	8/12/1998	11/16/1998	12/9/1998	1/25/1999	2/23/1999	3/29/1999
RW7	0.00	0.00	0.00	0.03	0.00	0.00	1.37	0.40	0.15	0.35	0.10	0.08
RW8	0.02	0.12	2.07	3.41	3.37	3.54	0.00	0.10	0.00	0.02	0.00	0.08
GW01	(1)	(1)	(1)	(1)	0.01	0.02	0.00	0.00	0.00	0.00	Not found	0.00
GW02	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
GW04	(1)	(1)	(1)	0.00	0.02	0.02	0.22	0.08	0.06	0.00	0.06	0.06
GW05	(1)	(1)	(1)	(1)	(1)	Debris	Debris	Debris	Debris	(1)	(1)	(1)
GW06	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
470MW1	(1)	(1)	(1)	(1)	0.11	0.23	0.23	0.00	0.20	0.19	0.30	0.00
470MW3	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	(1)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
7MW02A	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
7MW06	(1)	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
7MW07	(1)	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00
7MW08	(1)	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW09	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Trench MW	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MTMW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	4/27/1999	5/21/1999	6/29/1999	7/29/1999	8/30/1999	9/29/1999	10/27/1999	12/1/1999	12/23/1999	1/28/2000	3/18/2000
UGW1	1.73	1.71	1.77	1.80	0.01	0.05	0.30	0.10	0.10	0.12	0.85
UGW2	0.01	0.00	0.00	0.20	0.51	0.65	0.00	(1)	0.00	0.00	0.00
UGW3	0.00	0.00	0.00	5.90	0.64	0.72	0.57	0.65	0.00	0.01	0.00
UGW4	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.20	0.08	0.06	0.18	0.00	(1)	0.15	0.20	0.25	0.25	0.05
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
UGW12	7.78	7.81	5.86	5.98	0.74	8.85	9.75	10.95	8.40	8.34	7.15
UGW13	6.95	10.27	6.20	7.00	0.05	11.38	0.50	8.88	8.70	8.75	6.30
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	5.17	7.35	8.91	7.23	0.00	2.50	3.08	9.00	3.65	3.75	2.90
UGW18	0.00	0.00	0.00	0.00	Damaged	(1)	0.00	Damaged	0.00	0.00	0.00
UGW19	0.49	0.89	1.20	1.45	0.00	0.20	0.32	0.35	0.30	0.35	0.73
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	2.23	2.67	7.69	2.37	0.40	1.28	1.36	1.25	4.15	4.19	1.30
UGW22	0.01	0.00	0.00	0.00	0.00	(1)	0.00	Overflow	0.00	0.00	(1)
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00
UGW25	0.00	0.00	1.35	1.52	1.45	1.50	1.20	1.60	1.10	1.10	1.20
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
PW2	0.00	1.62	1.79	1.82	0.03	0.71	0.75	1.18	1.00	1.05	0.90
PW3	0.01	2.35	0.16	0.20	0.02	0.10	0.10	0.00	0.04	0.05	(1)
PW4	Clogged	Clogged	Clogged	Clogged	Damaged	Damaged	Damaged	Damaged	Damaged	Damaged	Damaged
PW5	0.30	0.28	0.30	0.33	0.05	0.09	0.08	0.05	0.05	0.07	0.00
PW6	0.06	0.20	0.16	0.15	0.10	0.60	0.80	0.00	0.00	0.00	13.00
MW1	1.36	1.40	1.40	1.36	0.04	0.30	0.57	0.00	0.54	0.55	0.60
MW2	0.00	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.77	0.62	0.54	0.60	0.00	0.02	0.03	0.00	0.05	0.05	0.40
MW4	0.73	0.69	0.60	0.48	0.00	0.20	0.08	0.25	0.02	0.05	0.70
RW1	Blocked	Blocked	Blocked	3.20	2.43	(1)	0.23	0.15	0.00	0.25	0.30
RW2	0.04	0.06	0.00	0.00	0.00	(1)	0.00	Overflow	0.00	0.00	(1)
RW3	0.01	0.00	0.00	0.00	0.00	(1)	0.00	Overflow	0.00	0.00	(1)
RW4	(1)	0.28	0.02	0.01	0.09	(1)	0.00	Overflow	0.01	0.01	0.00
RW5	0.34	0.35	0.26	0.24	0.23	(1)	0.18	Overflow	0.05	0.04	0.10
RW6	0.01	0.00	0.00	0.00	0.00	(1)	0.00	Overflow	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	4/27/1999	5/21/1999	6/29/1999	7/29/1999	8/30/1999	9/29/1999	10/27/1999	12/1/1999	12/23/1999	1/28/2000	3/18/2000
RW7	0.15	0.05	0.00	0.00	0.00	(1)	0.00	Overflow	0.00	0.00	0.00
RW8	0.15	0.50	0.21	0.39	0.40	(1)	0.21	Overflow	0.05	0.05	0.20
GW01	0.00	0.00	0.00	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.04	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	(1)	(1)	(1)	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.28	0.00	0.22	0.18	0.19	0.20	0.41	0.30	1.02	1.05	0.35
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1)	(1)	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1)	(1)	0.00
7MW04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(1)	0.27	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1)	(1)	(1)
7MW06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Trench MW	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MTMW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	6/28/2000	7/28/2000	8/31/2000	9/29/2000	10/31/2000	11/29/2000	12/28/2000	1/31/2001	2/28/2001
UGW1	3.31	3.24	1.89	2.10	2.20	2.30	2.40	2.35	2.30
UGW2	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW3	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.00
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
UGW5	0.00	0.00	0.00	0.10	0.00	0.00	0.20	0.00	0.00
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	7.65	7.45	8.00	7.35	7.35	7.40	7.30	7.00	6.79
UGW13	7.10	6.00	9.63	7.00	6.90	7.30	7.00	6.30	6.65
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	4.47	3.88	4.55	4.20	4.30	4.40	4.10	3.20	2.90
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	0.45	1.00	0.50	0.50	0.40	1.00	1.20	1.10	0.90
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	1.20	1.85	1.60	1.70	1.45	2.00	2.05	2.40	2.35
UGW22	Blocked	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.30	1.38	1.25	0.00	1.25	1.30	0.00	1.53	1.65
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.00	0.00	0.00	0.15	0.20	0.25	0.40	0.20	0.40
PW3	0.09	(1)	(1)	0.00	0.00	0.00	0.35	0.40	0.30
PW4	1.05	Damaged	Damaged	Damaged	Damaged	Damaged	Damaged	Damaged	Damaged
PW5	0.64	0.70	0.53	0.65	0.70	0.75	0.82	0.80	0.75
PW6	(1)	0.89	0.65	0.70	0.90	0.80	0.80	0.75	0.75
MW1	0.55	1.10	0.26	0.55	0.35	0.70	0.65	0.55	0.40
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.15	0.08	0.05	0.00	0.15	0.25	0.25	0.25	0.25
MW4	Damaged	0.64	0.55	0.00	0.84	0.85	1.00	1.15	1.10
RW1	0.70	1.45	1.30	0.00	0.00	0.01	1.60	3.35	3.50
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW3	Blocked	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW4	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	3.90	4.58	2.85	2.80	0.00	0.00	2.90	2.75	2.70
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well Number	6/28/2000	7/28/2000	8/31/2000	9/29/2000	10/31/2000	11/29/2000	12/28/2000	1/31/2001	2/28/2001
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.03	0.15	0.05	0.15	0.10	0.10	0.15	0.15	0.20
GW01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.32	0.45	0.32	0.00	0.30	0.35	0.00	0.00	0.10
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Trench MW	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	3.60	3.90
MTMW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4.95	4.80
MTMW3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4.35	4.20
MTMW4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4.65	4.80
AW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4.75	3.75
AW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	4.20	4.05

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	03/30/01		04/30/01		05/31/01		06/30/01		07/31/01	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	2.35	0.39	(1)	(2)	1.90	0.30	1.90	0.30	0.12	0.01
UGW2	0.00	0.00	0.00	0.00	0.00	0.00	2.30	0.32	0.52	0.03
UGW3	0.00	0.00	(1)	0.01	0.05	0.01	0.05	0.00	0.89	0.15
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.05	0.00
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	4.45	0.73	5.20	0.35	5.20	0.00	5.15	0.76	3.52	0.58
UGW13	4.70	0.77	6.95	0.84	6.95	0.00	6.45	1.04	6.01	0.98
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	3.05	0.48	1.70	0.15	1.70	0.00	1.40	0.22	0.82	0.13
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	1.00	0.14	0.85	0.16	0.85	0.00	0.70	0.12	0.85	0.14
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	2.31	0.36	0.45	0.28	0.45	0.00	5.10	0.62	2.51	0.37
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.70	0.20	(1)	(1)	1.80	0.00	1.80	0.00	1.85	0.78
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.30	0.18	0.00	0.23	0.00	0.00	0.15	0.10	0.07	0.02
PW3	0.40	0.24	(1)	(1)	1.50	0.24	0.10	0.02	0.41	0.04
PW4	Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	0.75	0.12	(1)	(1)	Damaged		0.15	0.10	0.06	0.03
PW6	0.80	0.49	(1)	(1)	1.80	1.08	0.85	0.56	1.03	0.39
MW1	0.58	0.28	0.05	0.04	0.05	0.00	0.25	0.04	0.14	0.02
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.20	0.03	(1)	(1)	0.55	0.29	0.35	0.23	0.38	0.21
MW4	1.20	0.78	(1)	(1)	0.70	0.10	0.35	0.06	0.04	0.01
RW1	4.30	2.03	(1)	(1)	1.90	0.00	2.90	1.77	1.85	1.21
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
RW3	Removed		Removed		Removed		Removed		Removed	
RW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	5.60	3.34	0.00	1.44	0.00	0.00	0.15	0.00	4.62	2.74
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	03/30/01		04/30/01		05/31/01		06/30/01		07/31/01	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.00	0.00	0.01	0.16	0.01	0.00	0.00	0.00	0.00	0.00
GW01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.46	0.00
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	0.00	0.00	0.00	0.00	0.00	0.00	1.66	0.17	1.52	0.23
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Trench MW	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
MTMW1	0.55	0.56	Flooded		3.75	0.00	4.00	0.52	3.97	0.62
MTMW2	2.75	0.36	Flooded		5.15	0.00	5.15	0.84	5.11	0.79
MTMW3	0.35	0.59	Flooded		3.55	0.00	3.50	0.56	3.61	0.55
MTMW4	2.50	0.41	Flooded		5.00	0.00	4.05	0.59	5.03	0.81
AW1	0.75	0.53	Flooded		3.40	0.00	3.95	0.44	3.33	0.45
AW2	2.15	0.29	Flooded		3.70	0.00	4.51	0.48	4.37	0.54

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	08/31/01		09/28/01		10/29/01		11/30/01		12/31/01	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	0.10	0.01	0.78	0.00	0.75	0.12	0.32	0.05	0.21	0.03
UGW2	0.27	0.02	0.38	0.00	0.38	0.00	0.11	0.00	0.00	0.00
UGW3	1.14	0.18	1.00	0.16	0.12	0.02	0.11	0.02	0.03	0.00
UGW4	0.01	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	1.38	0.20	3.95	0.65	2.86	0.44	0.61	0.09	1.34	0.21
UGW13	6.09	0.81	8.30	1.36	5.68	0.92	1.22	0.20	2.40	0.39
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	0.52	0.08	1.54	0.25	0.35	0.06	0.31	0.04	0.46	0.08
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	0.70	0.11	0.23	0.00	0.08	0.01	0.07	0.01	0.06	0.01
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	1.14	0.16	0.00	0.00	0.54	0.08	0.20	0.03	0.21	0.03
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.93	0.25	1.70	0.60	1.80	0.65	1.81	1.11	1.63	1.05
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.08	0.01	0.06	0.04	0.09	0.06	0.06	0.03	0.00	0.00
PW3	0.30	0.02	0.23	0.02	0.14	0.02	0.06	0.01	0.08	0.01
PW4	Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	0.09	0.00	0.11	0.07	0.10	0.07	0.10	0.06	0.14	0.09
PW6	1.03	0.50	0.54	0.22	0.24	0.07	0.11	0.04	0.00	0.00
MW1	0.07	0.01	0.21	0.03	0.06	0.01	0.17	0.03	0.00	0.00
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.30	0.10	0.07	0.05	0.04	0.03	0.00	0.00	0.00	0.00
MW4	0.25	0.04	0.00	0.00	0.23	0.04	0.00	0.00	0.00	0.00
RW1	0.00	0.35	0.48	0.26	0.79	0.52	0.42	0.21	0.08	0.05
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW3	Removed		Removed		Removed		Removed		Removed	
RW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	3.62	1.80	1.10	0.68	2.10	1.31	1.55	0.82	0.00	0.00
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	08/31/01		09/28/01		10/29/01		11/30/01		12/31/01	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.18	0.00	0.15	0.00	0.14	0.00	0.10	0.02	0.03	0.00
470MW3	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	2.04	0.21	0.67	0.11	0.91	0.07	1.28	0.15	1.23	0.19
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Trench MW	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	4.05	0.63	3.40	0.55	3.52	0.58	3.55	0.58	3.15	0.52
MTMW2	5.08	0.76	5.00	0.79	4.79	0.72	4.72	0.77	4.59	0.75
MTMW3	3.37	0.53	2.20	0.34	2.32	0.35	0.70	0.11	1.11	0.18
MTMW4	4.92	0.71	4.65	0.73	4.88	0.80	4.86	0.78	4.69	0.77
AW1	3.07	0.39	1.81	0.28	2.82	0.42	3.05	0.50	0.11	0.02
AW2	3.57	0.52	3.18	0.49	3.68	0.54	3.49	0.57	3.41	0.56

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	01/31/02		02/28/02		03/31/02		04/30/02		05/31/02	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW2	0.18	0.03	0.26	0.04	0.24	0.04	0.00	0.00	0.00	0.00
UGW3	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	0.25	0.04	0.00	0.00	0.00	0.00	1.73	0.27	0.23	0.04
UGW13	8.49	1.39	0.13(5)	0.02	0.08	0.01	0.20	0.03	0.42	0.07
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	0.54	0.09	0.20	0.03	0.01	0.00	0.00	0.00	0.00	0.00
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	0.04	0.01	0.00	0.00	0.77	0.12	0.14	0.02	0.63	0.10
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	0.11	0.02	0.00	0.00	0.27	0.04	0.07	0.00	0.00	0.00
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.72	0.93	1.70(5)	0.78	1.78	0.29	1.77	0.67	0.27	0.18
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW28	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW31	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW32	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW33	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW34	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.32	0.18	0.37	0.24	0.21	0.10	0.18	0.11	0.09	0.00
PW3	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW4	Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	0.13	0.09	0.08	0.05	0.05	0.01	0.04	0.03	0.00	0.00
PW6	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW1	0.00	0.00	0.07	0.01	0.17	0.11	0.00	0.00	0.21	0.03
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW4	0.00	0.00	0.00	0.00	0.18	0.12	0.00	0.00	0.00	0.00
RW1	0.05	0.03	0.32	0.21	0.46	0.30	0.35	0.22	0.28	0.18
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW3	Removed		Removed		Removed		Removed		Removed	
RW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	0.35	0.22	0.38	0.25	0.00	0.00	3.28	2.03	1.38	0.90
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	01/31/02		02/28/02		03/31/02		04/30/02		05/31/02	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
GW01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.24	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	0.54	0.09	0.60	0.09	1.59	0.26	1.63	0.24	1.51	0.22
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW11	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW12	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW13	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW14	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW15	(2)	(2)	0.15	0.00	0.18	0.03	0.11	0.02	0.07	0.00
7MW16	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW17	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW18	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW19	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW20	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trench MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	3.15	0.52	3.22	0.53	3.89	0.64	3.95	0.65	2.76	0.45
MTMW2	5.02	0.82	6.60	1.08	4.59	0.75	4.03	0.66	4.25	0.70
MTMW3	1.28	0.21	0.78	0.13	0.90	0.14	0.83	0.14	0.56	0.09
MTMW4	5.98	0.98	6.68	1.10	4.43	0.73	4.04	0.66	4.11	0.67
AW1	1.44	0.24	0.00	0.00	0.00	0.00	3.43	0.56	1.42	0.23
AW2	1.05	0.17	1.17	0.19	3.67	0.59	3.51	0.54	1.68	0.25

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included
(5) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	06/30/02		07/31/02		08/31/02		09/30/02		10/31/02	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	0.12	0.02	0.15	0.02	0.06	0.01	0.06	0.00	0.07	0.01
UGW2	0.96	0.16	0.65	0.11	0.17	0.00	0.00	0.00	0.06	0.00
UGW3	0.00	0.00	0.00	0.00	1.32	0.21	2.07	0.33	0.19	0.03
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.04	0.09	0.01
UGW13	0.22	0.03	0.60	0.07	3.11	0.51	6.44	1.05	5.35	0.88
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	0.45	0.07	0.05	0.00	0.15	0.02	0.60	0.09	0.48	0.07
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	0.09	0.01	0.72	0.10	0.71	0.11	0.22	0.03	0.12	0.02
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	0.05	0.01	0.45	0.07	2.00	0.32	1.22	0.20	0.11	0.01
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.92	1.23	1.98	0.77	2.00	30.46	2.25	51.08	1.98	0.95
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.11	0.07	0.15	0.07	0.12	0.08	0.00	0.00	0.01	0.00
PW3	0.03	0.00	0.05	0.01	0.01	0.00	0.00	0.00	0.00	0.00
PW4	Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	0.09	0.05	0.10	0.05	0.07	0.05	0.02	0.00	0.07	0.05
PW6	0.09	0.03	0.10	0.03	0.06	0.04	0.00	0.00	0.03	0.01
MW1	0.12	0.02	0.25	0.04	0.09	0.01	0.00	0.00	0.00	0.00
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.00	0.00	0.00	0.00	0.15	0.02	0.00	0.00	0.00	0.00
MW4	0.00	0.00	0.19	0.03	0.29	0.05	0.00	0.00	0.00	0.00
RW1	0.00	0.00	0.27	0.18	0.58	0.50	0.40	0.37	0.35	0.03
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW3	Removed		Removed		Removed		Removed		Removed	
RW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	0.22	0.12	2.20	1.21	4.57	6.74	4.35	6.27	3.45	4.66
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	06/30/02		07/31/02		08/31/02		09/30/02		10/31/02	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.11	0.02	0.10	0.01	0.11	0.02	0.00	0.00	0.02	0.00
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	1.07	0.17	1.60	0.26	1.71	2.09	1.48	1.96	0.83	0.89
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW15	0.04	0.00	1.60	0.26	0.06	0.04	1.48	0.97	0.12	0.08
7MW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trench MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	3.77	0.61	4.13	0.68	4.30	0.71	3.94	0.64	3.34	0.55
MTMW2	4.03	0.66	1.49	0.21	4.17	0.66	3.91	0.61	4.31	0.67
MTMW3	1.18	0.19	1.33	0.17	3.62	0.58	3.42	0.54	2.96	0.45
MTMW4	0.08	0.01	4.15	0.68	4.28	0.69	3.96	0.63	3.63	0.56
AW1	2.91	0.48	2.59	0.37	3.38	0.49	2.45	0.38	2.30	0.33
AW2	2.73	0.44	3.40	0.56	3.58	0.56	3.25	0.51	2.48	0.37

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	11/30/02		12/31/02		01/31/03		02/28/03		03/31/03	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
UGW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.06
UGW3	0.11	0.02	0.03	0.00	0.84	0.13	2.98	0.48	4.20	0.69
UGW4	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.18	0.03	0.02	0.00	0.02	0.00
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	0.00	0.00	0.03	0.00	4.19	0.69	3.48	0.54	4.35	0.71
UGW13	0.50	0.08	5.98	0.96	6.42	1.02	6.03	0.97	6.25	0.97
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	0.27	0.04	0.20	0.03	0.30	0.05	0.32	0.05	0.18	0.03
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	0.38	0.06	0.58	0.10	0.68	0.11	1.20	0.20	1.40	0.20
UGW20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	0.00	0.00	0.40	0.06	1.92	0.30	1.75	0.28	1.64	0.27
UGW22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	3.05	16.10	2.09	20.97	2.28	21.03	2.28	16.04	2.30	16.50
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.04	0.03	0.02	0.01	0.15	0.00	0.16	0.09	0.14	0.09
PW3	0.00	0.00	0.04	0.03	0.00	0.00	0.02	0.00	0.04	0.03
PW4	Damaged		Damaged		Damaged		Damaged		Damaged	
PW5	0.02	0.01	0.01	0.01	0.00	0.00	0.10	0.00	0.00	0.00
PW6	0.03	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.50	0.33
MW1	0.15	0.02	0.13	0.02	0.23	0.00	0.02	0.00	0.25	0.04
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.05	0.01	0.02	0.00	0.00	0.00	0.03	0.00	0.05	0.01
MW4	0.03	0.00	0.23	0.04	0.00	0.00	1.05	0.17	0.00	0.00
RW1	0.00	0.00	1.57	2.32	0.00	0.00	1.86	2.07	1.60	1.48
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW3	Removed		Removed		Removed		Removed		Removed	
RW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	3.91	5.32	4.21	6.11	4.35	17.31	7.40	10.25	5.60	7.94
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	11/30/02		12/31/02		01/31/03		02/28/03		03/31/03	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.10	0.15
GW01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.02	0.00	0.18	0.00	0.00	0.00	0.22	0.00	0.24	0.04
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	1.50	1.92	1.67	1.50	2.05	2.99	1.71	1.73	2.75	3.72
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW15	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trench MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	3.69	0.58	3.71	0.61	4.13	0.67	4.15	0.68	4.30	0.71
MTMW2	4.50	0.73	4.64	0.70	4.99	0.80	4.88	0.73	4.91	0.74
MTMW3	3.20	0.51	2.94	0.48	3.32	0.53	3.46	0.56	3.18	0.52
MTMW4	4.30	0.69	4.42	0.72	4.75	0.77	4.55	0.69	4.80	0.69
AW1	2.86	0.47	2.80	0.46	3.49	0.56	2.86	0.47	4.07	0.63
AW2	3.55	0.57	3.80	0.62	4.07	0.65	3.46	0.55	3.66	0.60

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	04/30/03		05/31/03		06/30/03		07/31/03		08/31/03	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	0.00	0.00	0.07	0.01	0.00	0.00	0.05	0.00	0.08	0.01
UGW2	0.00	0.00	0.40	0.07	0.40	0.07	0.00	0.00	0.00	0.00
UGW3	3.50	0.57	0.25	0.04	0.15	0.02	0.00	0.00	0.00	0.00
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.01
UGW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	6.44	1.05	1.03	0.17	2.38	0.39	2.26	0.36	4.28	0.64
UGW13	12.30	2.01	9.66	1.58	5.30	0.87	1.35	0.21	5.72	0.94
UGW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW17	0.54	0.09	0.64	0.10	0.48	0.08	0.41	0.06	0.62	0.09
UGW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW19	0.00	0.00	0.02	0.00	0.78	0.12	0.08	0.01	0.03	0.00
UGW20	(3)	(3)			(3)	(3)	(3)	(3)	(3)	(3)
UGW20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW21	1.49	0.24	0.69	0.11	0.60	0.09	0.30	0.05	0.43	0.05
UGW22	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00
UGW23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW25	1.82	13.61	1.80	0.95	1.75	0.87	3.20	2.05	0.43	0.09
UGW26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW2	0.00	0.00	0.58	0.38	0.00	0.00	0.00	0.00	0.05	0.03
PW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW4	Damaged				Damaged		Damaged		Damaged	
PW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05
PW6	1.22	0.80	0.74	0.48	0.52	0.34	0.20	0.07	0.29	0.19
MW1	0.25	0.04	0.31	0.05	0.35	0.06	0.00	0.00	0.33	0.05
MW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.02
RW1	0.42	0.56	0.42	0.58	0.60	0.80	0.30	0.40	0.19	0.28
RW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW3	Removed		0.00	0.00	Removed		Removed		Removed	
RW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW5	3.85	5.02	2.50	3.60	3.00	4.34	1.75	2.58	3.15	4.53
RW6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	04/30/03		05/31/03		06/30/03		07/31/03		08/31/03	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW8	0.05	0.00	0.03	0.04	0.00	0.00	0.00	0.00	0.02	0.03
GW01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470MW1	0.00	0.00	0.15	0.00	0.10	0.02	0.00	0.00	0.00	0.00
470MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW08	1.40	1.33	0.47	0.62	0.33	0.49	0.25	0.30	0.33	0.41
7MW09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW15	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.16	0.09	0.00
7MW16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trench MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	1.30	0.20	3.30	0.54	3.44	0.56	3.31	0.53	3.44	0.55
MTMW2	3.15	0.48	4.38	0.72	5.05	0.82	0.70	0.10	3.68	0.60
MTMW3	3.30	0.52	1.40	0.23	1.05	0.17	0.50	0.08	0.78	0.13
MTMW4	3.70	0.60	4.06	0.66	4.65	0.76	2.05	0.33	4.82	0.78
AW1	2.50	0.37	1.08	0.18	0.12	0.02	0.34	0.05	0.13	0.01
AW2	1.45	0.22	1.75	0.29	2.80	0.45	1.77	0.28	3.17	0.51

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	09/30/03		10/31/03	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW1	(5)	(5)	(5)	(5)
UGW2	(5)	(5)	(5)	(5)
UGW3	(5)	(5)	(5)	(5)
UGW4	(5)	(5)	(5)	(5)
UGW5	(5)	(5)	(5)	(5)
UGW6	(5)	(5)	(5)	(5)
UGW7	(5)	(5)	(5)	(5)
UGW8	(5)	(5)	(5)	(5)
UGW9	(5)	(5)	(5)	(5)
UGW10	(5)	(5)	(5)	(5)
UGW11	(5)	(5)	(5)	(5)
UGW12	(5)	(5)	(5)	(5)
UGW13	(5)	(5)	(5)	(5)
UGW14	(5)	(5)	(5)	(5)
UGW15	(5)	(5)	(5)	(5)
UGW16	(5)	(5)	(5)	(5)
UGW17	(5)	(5)	(5)	(5)
UGW18	(5)	(5)	(5)	(5)
UGW19	(5)	(5)	(5)	(5)
UGW20	(5)	(5)	(5)	(5)
UGW20R	(5)	(5)	(5)	(5)
UGW21	(5)	(5)	(5)	(5)
UGW22	(5)	(5)	(5)	(5)
UGW23	(5)	(5)	(5)	(5)
UGW24	(5)	(5)	(5)	(5)
UGW25	(5)	(5)	(5)	(5)
UGW26	(5)	(5)	(5)	(5)
UGW27	(5)	(5)	(5)	(5)
UGW28	(5)	(5)	(5)	(5)
UGW31	(5)	(5)	(5)	(5)
UGW32	(5)	(5)	(5)	(5)
UGW33	(5)	(5)	(5)	(5)
UGW34	(5)	(5)	(5)	(5)
PW1	(5)	(5)	(5)	(5)
PW2	(5)	(5)	(5)	(5)
PW3	(5)	(5)	(5)	(5)
PW4	(5)	(5)	(5)	(5)
PW5	(5)	(5)	(5)	(5)
PW6	(5)	(5)	(5)	(5)
MW1	(5)	(5)	(5)	(5)
MW2	(5)	(5)	(5)	(5)
MW3	(5)	(5)	(5)	(5)
MW4	(5)	(5)	(5)	(5)
RW1	(5)	(5)	(5)	(5)
RW2	(5)	(5)	(5)	(5)
RW3	(5)	(5)	(5)	(5)
RW4	(5)	(5)	(5)	(5)
RW5	(5)	(5)	(5)	(5)
RW6	(5)	(5)	(5)	(5)

TABLE 2

PRODUCT THICKNESS MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

	09/30/03		10/31/03	
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW7	(5)	(5)	(5)	(5)
RW8	(5)	(5)	(5)	(5)
GW01	(5)	(5)	(5)	(5)
GW02	(5)	(5)	(5)	(5)
GW03	(5)	(5)	(5)	(5)
GW04	(5)	(5)	(5)	(5)
GW05	(5)	(5)	(5)	(5)
GW06	(5)	(5)	(5)	(5)
470MW1	(5)	(5)	(5)	(5)
470MW3	(5)	(5)	(5)	(5)
7MW01A	(5)	(5)	(5)	(5)
7MW02A	(5)	(5)	(5)	(5)
7MW03	(5)	(5)	(5)	(5)
7MW04	(5)	(5)	(5)	(5)
7MW05	(5)	(5)	(5)	(5)
7MW06	(5)	(5)	(5)	(5)
7MW07	(5)	(5)	(5)	(5)
7MW08	(5)	(5)	(5)	(5)
7MW09	(5)	(5)	(5)	(5)
7MW10	(5)	(5)	(5)	(5)
7MW11	(5)	(5)	(5)	(5)
7MW12	(5)	(5)	(5)	(5)
7MW13	(5)	(5)	(5)	(5)
7MW14	(5)	(5)	(5)	(5)
7MW15	(5)	(5)	(5)	(5)
7MW16	(5)	(5)	(5)	(5)
7MW17	(5)	(5)	(5)	(5)
7MW18	(5)	(5)	(5)	(5)
7MW19	(5)	(5)	(5)	(5)
7MW20	(5)	(5)	(5)	(5)
Trench MW	(5)	(5)	(5)	(5)
MTMW1	(5)	(5)	(5)	(5)
MTMW2	(5)	(5)	(5)	(5)
MTMW3	(5)	(5)	(5)	(5)
MTMW4	(5)	(5)	(5)	(5)
AW1	(5)	(5)	(5)	(5)
AW2	(5)	(5)	(5)	(5)

Notes: UGW22 & RW3 are the same well
470-MW-2 is an unknown location
1995MW4 refusal at 6.85 (sand/trash)
GW05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW22
(4) Data not included
(5) September and October data not reported due to gauging errors made by Cape Environmental's subcontractor (BoksoMonoi Environmental, Inc.)

TABLE 3

PRODUCT RECOVERED FROM 1994 THROUGH APRIL 2003
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Month/Year	Gallons Recovered	Removal Contractor
1994 & 1995 Cumulative Totals	**12,630**	**Terra Vac**
January 1996	0	Terra Vac
February 1996	236	Terra Vac
March 1996	96	Terra Vac
April 1996	2	Terra Vac
May 1996	70	Terra Vac
June 1996	70	Terra Vac
July 1996	90	Terra Vac
August 1996	256	Terra Vac
September 1996	323	Terra Vac
1996 Cumulative Total (January - September)	**1,143**	**Terra Vac**
December 96	**178**	**McLaren/Hart**
January 1997	44	McLaren/Hart
February 1997	74	McLaren/Hart
March 1997	146	McLaren/Hart
April 1997	119	McLaren/Hart
May 1997	91	McLaren/Hart
June 1997	202	McLaren/Hart
July 1997	104	McLaren/Hart
August 1997	17	McLaren/Hart
September 1997	95	McLaren/Hart
October 1997	73	McLaren/Hart
November 1997	9	McLaren/Hart
December 1997	0	McLaren/Hart
1997 Cumulative Total	**974**	**McLaren/Hart**
January 1998	0	McLaren/Hart
February 1998	0	McLaren/Hart
March 1998	24	McLaren/Hart
April 1998	6	McLaren/Hart
May 1998	0	McLaren/Hart
June 1998	20	McLaren/Hart
July 1998	334	McLaren/Hart
August 1998	93	McLaren/Hart
September 1998	0	McLaren/Hart
October 1998	0	McLaren/Hart
November 1998	43	McLaren/Hart
December 1998	4	McLaren/Hart
1998 Cumulative Total	**524**	**McLaren/Hart**
January 1999	21	McLaren/Hart
February 1999	21	McLaren/Hart
March 1999	81	McLaren/Hart
April 1999	0	McLaren/Hart
May 1999	34	McLaren/Hart
June 1999	2	McLaren/Hart
July 1999	3	McLaren/Hart
August 1999	28	McLaren/Hart
September 1999	11	McLaren/Hart
October 1999	0	McLaren/Hart

TABLE 3

PRODUCT RECOVERED FROM 1994 THROUGH APRIL 2003
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Month/Year	Gallons Recovered	Removal Contractor
November 1999	0	McLaren/Hart
December 1999	0	McLaren/Hart
1999 Cumulative Total	**201**	**McLaren/Hart**
January 2000	12	McLaren/Hart
February 2000	30	McLaren/Hart
March 2000	70	McLaren/Hart
April 2000	23	McLaren/Hart
2000 Cumulative Total	**135**	**McLaren/Hart**
March 2000 - December 2000	**0**	**Recovery System Offline**
January 2001	19.97	JA Jones
February 2001	20.03	JA Jones
March 2001	17.44	JA Jones
April 2001	5.66	JA Jones
May 2001	3.33	JA Jones
June 2001	13.28	JA Jones
July 2001	18.63	JA Jones
August 2001	12.86	JA Jones
September 2001	9.80	JA Jones
October 2001	10.82	JA Jones
November 2001	8.75	JA Jones
December 2001	6.60	JA Jones
2001 Cumulative Total	**147.17**	**JA Jones**
January 2002	7.14	JA Jones
February 2002	6.20	JA Jones
March 2002	5.22	JA Jones
April 2002	11.70	JA Jones
May 2002	7.29	JA Jones
June 2002	5.91	JA Jones
July 2002	10.57	JA Jones
August 2002	44.98	JA Jones
September 2002	65.68	JA Jones
October 2002	35.62	JA Jones
November 2002	27.17	JA Jones
December 2002	35.75	JA Jones
2002 Cumulative Total	**263.23**	**JA Jones**
January 2003	47.64	JA Jones
February 2003	36.56	JA Jones
March 2003	37.14	JA Jones
April 2003[1]	27.71	Cape Environmental
May 2003[1]	26.40	Cape Environmental
June 2003[1]	28.34	Cape Environmental
July 2003[1]	17.61	Cape Environmental
August 2003[1]	24.99	Cape Environmental
September 2003[1]	9.39	Cape Environmental
October 2003[1]	12.53	Cape Environmental
2003 Cumulative Total	**268.31**	**JA Jones/Cape Env.**
1994 - October 2003 Cumulative Total	**16,463.71**	

Notes:

[1] The gallons recovered amount reported for this month does not accurately reflect the actual amount of product removed. Cape Environmental's subcontractor (BoksoMonoi Environmental) removed product without recording the amount.

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Depth to Product							
	1/31/2001	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001
RW1	16.75	16.50	16.30	19.40	16.70	16.70	16.86	16.98
RW2	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(1)
RW5	8.45	8.60	7.70	13.00	8.20	12.65	7.62	7.90
RW8	8.95	8.70	8.85	8.10	6.70	8.70	8.58	9.69
TrenchRW	8.75	8.53	8.70	8.20	7.30	8.21	8.24	8.35
TrenchMW	8.75	8.53	8.70	8.20	7.30	8.19	8.19	8.34
UGW1	13.05	12.65	12.80	13.20	14.10	14.10	13.25	13.36
UGW2	56.50	56.70	57.00	56.10	56.15	57.40	57.56	57.81
UGW3	21.10	21.35	21.95	21.80	13.90	22.30	22.41	22.55
UGW4	17.40	17.25	17.45	17.20	17.10	17.15	17.25	16.63
UGW5	13.30	12.80	12.90	11.15	11.10	12.65	12.64	12.76
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	10.35	9.96	10.10	10.30	10.10	10.50	10.52	10.90
UGW13	11.05	10.65	10.80	10.00	10.60	10.70	10.71	10.76
UGW17	10.70	10.45	10.50	10.50	10.65	10.70	10.72	10.90
UGW19	11.10	11.00	11.20	10.00	11.00	11.00	10.85	10.97
UGW21	11.90	11.90	11.90	10.10	12.20	9.00	11.67	12.07
UGW25	49.87	50.15	50.60	51.25	50.65	51.10	51.32	12.07
PW2	11.30	11.80	12.55	12.30	11.70	11.90	11.91	12.01
PW3	10.30	10.20	10.20	11.70	13.30	13.90	14.61	14.53
PW5	12.75	13.65	13.50	19.00	14.30	13.70	14.58	14.32
PW6	12.80	12.40	12.50	15.55	12.70	12.30	12.28	12.22
MW1	11.70	11.50	11.67	12.25	11.40	11.40	11.57	11.71
MW3	15.15	13.90	14.05	15.00	10.60	9.90	10.69	10.58
MW4	12.25	12.10	12.25	13.80	12.80	12.05	12.47	12.45
7MW08	10.75	10.10	10.50	9.90	10.20	10.15	10.10	7.32
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470MW1	18.65	18.90	20.75	19.75	19.45	19.80	20.10	20.26
MTMW1	18.35	18.35	19.35	18.75	18.25	18.25	18.35	18.39
MTMW2	17.55	17.90	19.70	19.10	18.50	18.90	19.17	19.55
MTMW3	18.75	17.90	19.10	18.05	17.70	18.90	17.95	18.02
MTMW4	17.40	18.10	20.10	19.20	18.70	18.92	19.31	19.55
AW1	17.80	17.60	23.35	18.40	17.95	17.54	17.59	17.65
AW2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Depth to Product							
	9/28/2001	10/29/2001	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW1	16.00	17.27	16.44	15.21	10.55	15.30	17.51	16.36
RW2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
RW5	8.00	8.00	7.75	1.48	7.75	7.97	7.50	7.39
RW8	8.45	8.51	8.28	5.18	7.95	8.32	8.80	8.11
TrenchRW	7.10	7.58	9.01	1.51	1.05	5.92	6.95	6.02
TrenchMW	7.16	7.58	9.01	1.48	1.05	5.92	6.95	6.02
UGW1	11.13	11.90	9.40	8.79	10.00	16.80	12.09	10.43
UGW2	57.70	57.70	57.97	57.84	56.10	55.96	56.10	56.84
UGW3	21.98	21.91	21.89	21.17	20.30	20.30	20.92	21.40
UGW4	16.26	16.67	16.47	16.09	14.90	15.60	16.39	16.54
UGW5	11.96	12.28	11.98	9.14	11.04	11.80	12.30	12.19
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	7.11
UGW12	9.55	10.19	10.45	9.94	9.75	11.34	10.58	10.26
UGW13	10.02	10.63	11.18	9.95	9.65	11.42(4)	11.90	11.15
UGW17	10.33	10.65	10.43	9.06	10.18	10.38	10.93	10.17
UGW19	10.80	10.89	10.63	7.75	8.90	10.70	11.07	10.29
UGW21	12.30	11.98	11.78	9.24	11.49	11.88	12.37	11.52
UGW25	50.87	50.69	50.49	49.92	49.18	49.10(4)	49.72	50.33
PW2	10.84	11.30	11.01	9.10	9.89	10.58	11.30	11.05
PW3	11.80	12.42	11.51	9.86	10.70	10.95	12.38	12.06
PW5	11.03	12.10	11.47	11.17	10.40	10.80	12.29	12.43
PW6	9.89	10.84	11.88	6.28	7.50	8.60	11.24	9.05
MW1	10.24	10.13	9.83	9.12	9.42	9.92	10.82	10.61
MW3	6.93	8.71	5.37	1.91	6.57	6.40	8.58	6.32
MW4	8.95	10.62	6.92	5.11	6.72	7.43	10.63	6.33
7MW08	10.18	10.50	9.77	7.95	9.84	10.05	7.66	9.33
7MW15	(3)	(3)	(3)	(3)	0.00	8.43	8.89	8.69
470MW1	19.70	19.50	19.35	18.75	18.03	18.03	18.42	18.85
MTMW1	17.30	17.75	17.78	17.31	18.03	18.03	18.42	18.85
MTMW2	18.72	18.76	18.80	18.39	15.58	16.30	17.52	17.84
MTMW3	16.92	17.36	17.27	16.91	17.43	17.52	18.04	18.48
MTMW4	19.05	18.66	18.65	17.84	15.12	15.84	17.14	17.41
AW1	16.74	17.09	17.04	15.54	17.41	17.68	18.31	18.02
AW2	0.00	0.00	0.00	0.00	12.37	16.33	16.74	16.99
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Depth to Product							
	5/31/2002	6/30/2002	7/31/2002	8/31/2002	9/30/2002	10/31/2002	11/30/2002	12/31/2002
RW1	16.78	16.64	17.00	17.87	16.69	16.57	16.85	16.18
RW2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
RW5	7.87	7.64	8.20	7.90	7.15	7.53	7.70	8.13
RW8	8.60	8.48	8.90	8.85	8.30	8.35	8.38	8.00
TrenchRW	7.02	6.87	7.33	7.85	6.60	6.02	7.26	7.54
TrenchMW	7.02	6.90	7.30	7.82	6.50	6.02	7.29	7.54
UGW1	12.60	11.50	12.45	12.86	12.95	12.01	16.55	12.82
UGW2	57.19	57.50	57.62	57.97	58.00	57.94	65.65	57.89
UGW3	22.06	21.87	22.18	22.64	22.32	22.15	22.29	22.32
UGW4	16.96	16.79	17.08	17.21	16.80	16.69	16.95	17.26
UGW5	12.58	12.32	12.60	12.77	12.36	12.20	12.50	12.90
UGW8	7.58	7.27	7.75	7.91	6.60	6.77	7.15	7.43
UGW12	10.95	10.65	10.85	7.24	10.69	10.62	10.74	11.41
UGW13	11.80	11.18	11.80	11.52	10.25	10.70	10.60	11.07
UGW17	10.84	10.59	11.05	11.04	10.34	10.42	10.73	11.15
UGW19	10.97	10.75	11.65	11.15	10.60	10.70	10.98	11.20
UGW21	12.22	12.10	12.40	12.09	11.58	11.90	12.06	12.36
UGW25	50.78	50.80	51.11	12.09	52.02	50.84	50.95	51.01
PW2	11.72	11.34	11.75	11.96	11.32	11.05	11.54	11.58
PW3	11.81	11.80	12.80	13.45	12.95	12.74	13.08	13.34
PW5	12.68	11.52	12.70	13.23	13.11	12.61	12.90	13.07
PW6	11.71	10.65	11.70	12.12	11.00	10.67	11.06	11.11
MW1	10.71	10.11	10.85	11.65	11.28	10.64	11.00	10.46
MW3	8.90	7.26	8.90	9.49	10.20	8.98	9.40	9.82
MW4	10.93	9.07	11.06	11.65	10.30	9.97	11.35	12.02
7MW08	10.11	10.02	10.40	10.28	9.73	9.90	9.90	10.22
7MW15	9.15	8.80	10.40	9.23	9.73	8.55	8.89	8.10
470MW1	26.60	19.35	19.65	20.09	20.10	19.76	19.95	19.88
MTMW1	26.60	19.35	19.65	20.09	20.10	19.76	19.95	19.88
MTMW2	18.23	18.08	18.42	18.47	18.19	18.12	18.20	18.41
MTMW3	18.95	18.88	18.85	19.31	19.32	18.92	19.10	19.06
MTMW4	17.80	17.67	17.95	18.36	17.80	17.76	17.80	18.09
AW1	19.66	18.63	19.21	19.36	19.65	19.09	19.08	19.16
AW2	17.40	17.37	17.60	17.69	17.40	17.37	17.50	17.62
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Depth to Product							
	1/31/2003	2/28/2003	3/31/2003	4/30/2003	5/31/2003	6/30/2003	7/31/2003	8/31/2003
RW1	15.80	16.72	18.68	15.08	16.03	17.70	16.90	17.38
RW2	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	8.63	6.00	8.75	5.00	7.80	8.50	7.80	8.60
RW8	9.33	8.30	9.60	8.05	8.60	8.05	8.20	8.93
TrenchRW	7.25	8.58	8.95	5.00	6.52	7.55	5.27	7.22
TrenchMW	7.25	8.58	8.95	5.00	6.52	7.55	5.25	7.22
UGW1	13.45	13.88	14.00	13.10	10.17	12.25	8.60	12.28
UGW2	57.65	57.68	57.66	57.30	56.90	56.90	55.12	55.12
UGW3	22.70	22.42	22.70	22.10	22.10	21.95	22.79	21.77
UGW4	17.80	17.97	18.28	15.40	16.25	17.05	16.76	17.30
UGW5	13.75	14.03	14.35	10.31	12.35	13.10	12.45	13.22
UGW8	0.00	8.34	8.70	6.65	6.78	7.35	6.82	7.28
UGW12	11.35	11.62	11.75	9.10	11.75	11.12	10.65	10.82
UGW13	11.52	11.82	11.90	8.60	9.84	11.40	9.74	11.15
UGW17	11.68	11.88	12.00	9.92	10.60	11.30	10.33	11.14
UGW19	11.58	11.78	11.95	10.20	10.88	12.42	10.60	11.38
UGW21	12.36	12.53	12.65	11.16	11.96	13.70	11.55	12.37
UGW25	51.42	51.62	52.10	51.38	50.90	50.80	52.10	12.37
PW2	12.76	13.02	13.38	10.00	11.02	11.90	11.07	11.85
PW3	14.50	14.35	14.76	9.70	10.06	12.45	9.82	12.61
PW5	14.90	14.05	14.53	9.33	10.64	12.10	10.40	12.30
PW6	12.70	12.91	13.00	8.12	9.61	11.40	9.15	11.51
MW1	12.18	12.57	12.90	9.20	10.50	11.25	9.00	11.40
MW3	10.25	10.55	11.05	4.02	6.00	8.00	3.52	8.40
MW4	12.52	12.93	13.58	6.68	10.03	10.14	6.08	10.89
7MW08	10.60	10.81	11.00	9.70	10.51	10.72	10.00	10.55
7MW15	9.32	9.50	9.82	8.49	8.52	8.90	10.00	8.91
470MW1	20.22	20.40	20.84	22.40	19.80	19.60	20.42	19.41
MTMW1	20.22	20.40	20.84	22.40	19.80	19.60	20.42	19.41
MTMW2	19.06	19.12	19.45	16.70	17.49	18.15	17.90	17.32
MTMW3	19.23	19.64	20.14	19.20	19.20	19.15	18.80	18.87
MTMW4	18.55	18.89	19.05	16.20	17.10	17.75	17.45	16.93
AW1	19.48	19.84	18.67	19.35	19.24	19.40	19.06	19.12
AW2	18.13	18.34	20.10	16.10	17.00	17.70	17.23	16.73
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Depth to Product	
	9/30/2003	10/31/2003
RW1	(5)	(5)
RW2	(5)	(5)
RW5	(5)	(5)
RW8	(5)	(5)
TrenchRW	(5)	(5)
TrenchMW	(5)	(5)
UGW1	(5)	(5)
UGW2	(5)	(5)
UGW3	(5)	(5)
UGW4	(5)	(5)
UGW5	(5)	(5)
UGW8	(5)	(5)
UGW12	(5)	(5)
UGW13	(5)	(5)
UGW17	(5)	(5)
UGW19	(5)	(5)
UGW21	(5)	(5)
UGW25	(5)	(5)
PW2	(5)	(5)
PW3	(5)	(5)
PW5	(5)	(5)
PW6	(5)	(5)
MW1	(5)	(5)
MW3	(5)	(5)
MW4	(5)	(5)
7MW08	(5)	(5)
7MW15	(5)	(5)
470MW1	(5)	(5)
MTMW1	(5)	(5)
MTMW2	(5)	(5)
MTMW3	(5)	(5)
MTMW4	(5)	(5)
AW1	(5)	(5)
AW2	(5)	(5)
Totals		

Notes:

(1) Product not observed in well.

(2) Product not removed from well

(3) Well not installed

(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

(5) September and October data not reported due to gauging errors made by Cape Environmental's subcontractor (BoksoMonoi Environmental, Inc.)

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Product Thickness							
	1/31/2001	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001
RW1	3.35	3.50	4.10	0.60	1.90	2.90	1.85	1.34
RW2	(1)	(1)	(1)	(1)	(1)	(1)	0.03	(1)
RW5	2.75	2.70	5.60	2.20	0.00	0.10	4.62	3.62
RW8	0.15	0.20	0.00	0.25	0.01	0.00	0.00	0.00
TrenchRW	0.00	0.01	0.00	0.00	0.05	0.06	0.01	0.04
TrenchMW	0.00	0.01	0.00	0.00	0.05	0.06	0.06	0.03
UGW1	2.35	2.30	2.35	1.80	1.90	1.90	0.12	0.10
UGW2	0.00	0.00	0.00	0.00	0.00	2.30	0.52	0.27
UGW3	0.10	0.00	0.00	0.05	0.05	0.05	0.89	1.14
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.01
UGW5	0.00	0.00	0.00	0.00	0.00	0.10	0.05	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	7.00	6.79	4.45	2.15	5.20	5.15	3.52	1.38
UGW13	6.30	6.65	4.70	5.10	6.95	6.45	6.01	6.09
UGW17	3.20	2.90	3.05	0.90	1.70	1.40	0.82	0.52
UGW19	1.10	0.90	1.00	0.95	0.85	0.85	0.85	0.70
UGW21	2.40	2.35	2.31	1.70	0.45	5.10	2.51	1.14
UGW25	1.53	1.65	1.70	0.65	1.80	1.80	1.85	1.14
PW2	0.20	0.40	0.30	0.35	0.00	0.15	0.07	0.08
PW3	0.40	0.30	0.40	0.08	1.50	0.10	0.41	0.30
PW5	0.80	0.75	0.75	0.40	1.30	0.15	0.06	0.09
PW6	0.75	0.75	0.80	0.45	1.80	0.85	1.03	1.03
MW1	0.55	0.40	0.58	0.25	0.05	0.25	0.14	0.07
MW3	0.25	0.25	0.20	0.10	0.55	0.35	0.38	0.30
MW4	1.15	1.10	1.20	0.70	0.70	0.35	0.04	0.25
7MW08	0.00	0.00	0.00	0.00	0.00	1.66	1.52	2.04
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470MW1	0.00	0.10	0.00	0.00	0.00	0.50	0.46	0.18
MTMW1	3.60	3.90	0.55	0.20	3.75	4.00	3.97	4.05
MTMW2	4.95	4.80	2.75	0.45	5.15	5.15	5.11	5.08
MTMW3	4.35	4.20	0.35	0.25	3.55	3.50	3.61	3.37
MTMW4	4.65	4.80	2.50	0.45	5.00	4.05	5.03	4.92
AW1	4.75	3.75	0.75	0.50	3.40	3.98	3.33	3.07
AW2	4.20	4.05	2.15	0.55	3.70	4.51	4.37	3.57
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Product Thickness							
	9/28/2001	10/29/01	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW1	0.48	0.79	0.42	0.08	0.05	0.32	0.46	0.35
RW2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
RW5	1.10	2.10	1.55	0.00	0.35	0.38	0.00	3.28
RW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchMW	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.78	0.75	0.32	0.21	0.05	0.00	0.00	0.00
UGW2	0.38	0.38	0.11	0.00	0.18	0.26	0.24	0.00
UGW3	1.00	0.12	0.11	0.03	0.03	0.00	0.00	0.00
UGW4	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.06
UGW12	3.95	2.86	0.61	1.34	0.25	0.00	0.00	1.73
UGW13	8.30	5.68	1.22	2.40	8.49	0.13	0.08	0.20
UGW17	1.54	0.35	0.31	0.46	0.54	0.20	0.01	0.00
UGW19	0.23	0.08	0.07	0.06	0.04	0.00	0.77	0.14
UGW21	0.00	0.54	0.20	0.21	0.11	0.00	0.27	0.07
UGW25	1.70	1.80	1.81	1.63	1.72	1.70	1.78	1.77
PW2	0.06	0.09	0.06	0.00	0.32	0.37	0.21	0.18
PW3	0.23	0.14	0.06	0.08	0.04	0.00	0.00	0.00
PW5	0.11	0.10	0.10	0.14	0.13	0.08	0.05	0.04
PW6	0.54	0.24	0.11	0.00	0.02	0.00	0.00	0.00
MW1	0.21	0.06	0.17	0.00	0.00	0.07	0.17	0.00
MW3	0.07	0.04	0.00	0.00	0.00	0.00	0.00	0.00
MW4	0.00	0.23	0.00	0.00	0.00	0.00	0.18	0.00
7MW08	0.67	0.91	1.28	1.23	0.54	0.60	0.00	1.63
7MW15	(3)	(3)	(3)	(3)	0.00	0.15	0.18	0.11
470MW1	0.15	0.14	0.10	0.03	0.24	0.00	0.00	0.00
MTMW1	3.40	3.52	3.55	3.15	3.15	3.22	3.89	3.95
MTMW2	5.00	4.79	4.72	4.59	5.02	6.60	4.59	4.03
MTMW3	2.20	2.32	0.70	1.11	1.28	0.78	0.90	0.83
MTMW4	4.65	4.88	4.86	4.69	5.98	6.68	4.43	4.04
AW1	1.81	2.82	3.05	0.11	1.44	0.00	0.00	3.43
AW2	3.18	3.68	3.49	3.41	1.05	1.17	3.67	3.51
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Product Thickness							
	5/31/2002	6/30/2002	7/31/2002	8/31/2002	9/30/2002	10/31/2002	11/30/2002	12/31/2002
RW1	0.28	0.00	0.27	0.58	0.40	0.35	0.00	1.57
RW2	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
RW5	1.38	0.22	2.20	4.57	4.35	3.45	3.91	4.21
RW8	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.00	0.12	0.15	0.06	0.06	0.07	0.03	0.00
UGW2	0.00	0.96	0.65	0.17	0.00	0.06	0.00	0.00
UGW3	0.00	0.00	0.00	1.32	2.07	0.19	0.11	0.03
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	0.23	0.00	0.00	0.00	0.26	0.09	0.00	0.03
UGW13	0.42	0.22	0.60	3.11	6.44	5.35	0.50	5.98
UGW17	0.00	0.45	0.05	0.15	0.60	0.48	0.27	0.20
UGW19	0.63	0.09	0.72	0.71	0.22	0.12	0.38	0.58
UGW21	0.00	0.05	0.45	2.00	1.22	0.11	0.00	0.40
UGW25	0.27	1.92	1.98	2.00	2.25	1.98	3.05	2.09
PW2	0.09	0.11	0.15	0.12	0.00	0.01	0.04	0.02
PW3	0.00	0.03	0.05	0.01	0.00	0.00	0.00	0.04
PW5	0.00	0.09	0.10	0.07	0.02	0.07	0.02	0.01
PW6	0.00	0.09	0.10	0.06	0.00	0.03	0.03	0.10
MW1	0.21	0.12	0.25	0.09	0.00	0.00	0.15	0.13
MW3	0.00	0.00	0.00	0.15	0.00	0.00	0.05	0.02
MW4	0.00	0.00	0.19	0.29	0.00	0.00	0.03	0.23
7MW08	1.51	1.07	1.60	1.71	1.48	0.83	1.50	1.67
7MW15	0.07	0.04	1.60	0.06	1.48	0.12	0.00	0.02
470MW1	0.24	0.11	0.10	0.11	0.00	0.02	0.02	0.18
MTMW1	2.76	3.77	4.13	4.30	3.94	3.34	3.69	3.71
MTMW2	4.25	4.03	1.49	4.17	3.91	4.31	4.50	4.64
MTMW3	0.56	1.18	1.33	3.62	3.42	2.96	3.20	2.94
MTMW4	4.11	0.08	4.15	4.28	3.96	3.63	4.30	4.42
AW1	1.42	2.91	2.59	3.38	2.45	2.30	2.86	2.80
AW2	1.68	2.73	3.40	3.58	3.25	2.48	3.55	3.80
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Product Thickness							
	1/31/2003	2/28/2003	3/31/2003	4/30/2003	5/31/2003	6/30/2003	7/31/2003	8/31/2003
RW1	0.00	1.86	1.60	0.42	0.42	0.60	0.30	0.19
RW2	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	4.35	7.40	5.60	3.85	2.50	3.00	1.75	3.15
RW8	0.02	0.00	0.10	0.05	0.03	0.00	0.00	0.02
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.00	0.00	0.03	0.00	0.07	0.00	0.05	0.08
UGW2	0.00	0.00	0.39	0.00	0.40	0.40	0.00	0.00
UGW3	0.84	2.98	4.20	3.50	0.25	0.15	0.00	0.00
UGW4	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.18	0.02	0.02	0.04	0.00	0.00	0.00	0.08
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	4.19	3.48	4.35	6.44	1.03	2.38	2.26	4.28
UGW13	6.42	6.03	6.25	12.30	9.66	5.30	1.35	5.72
UGW17	0.30	0.32	0.18	0.54	0.64	0.48	0.41	0.62
UGW19	0.68	1.20	1.40	0.00	0.02	0.78	0.08	0.03
UGW21	1.92	1.75	1.64	1.49	0.69	0.60	0.30	0.43
UGW25	2.28	2.28	2.30	1.82	1.80	1.75	3.20	0.43
PW2	0.15	0.16	0.14	0.00	0.58	0.00	0.00	0.05
PW3	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.00
PW5	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.07
PW6	0.00	0.00	0.50	1.22	0.74	0.52	0.20	0.29
MW1	0.23	0.02	0.25	0.25	0.31	0.35	0.00	0.33
MW3	0.00	0.03	0.05	0.00	0.00	0.00	0.00	0.00
MW4	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.11
7MW08	2.05	1.71	2.75	1.40	0.47	0.33	0.25	0.33
7MW15	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.09
470MW1	0.00	0.22	0.24	0.00	0.15	0.10	0.00	0.00
MTMW1	4.13	4.15	4.30	1.30	3.30	3.44	3.31	3.44
MTMW2	4.99	4.88	4.91	3.15	4.38	5.05	0.70	3.68
MTMW3	3.32	3.46	3.18	3.30	1.40	1.05	0.50	0.78
MTMW4	4.75	4.55	4.80	3.70	4.06	4.65	2.05	4.82
AW1	3.49	2.86	4.07	2.50	1.08	0.12	0.34	0.13
AW2	4.07	3.46	3.66	1.45	1.75	2.80	1.77	3.17
Totals								

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Product Thickness	
	9/30/2003	10/31/2003
RW1	(5)	(5)
RW2	(5)	(5)
RW5	(5)	(5)
RW8	(5)	(5)
TrenchRW	(5)	(5)
TrenchMW	(5)	(5)
UGW1	(5)	(5)
UGW2	(5)	(5)
UGW3	(5)	(5)
UGW4	(5)	(5)
UGW5	(5)	(5)
UGW8	(5)	(5)
UGW12	(5)	(5)
UGW13	(5)	(5)
UGW17	(5)	(5)
UGW19	(5)	(5)
UGW21	(5)	(5)
UGW25	(5)	(5)
PW2	(5)	(5)
PW3	(5)	(5)
PW5	(5)	(5)
PW6	(5)	(5)
MW1	(5)	(5)
MW3	(5)	(5)
MW4	(5)	(5)
7MW08	(5)	(5)
7MW15	(5)	(5)
470MW1	(5)	(5)
MTMW1	(5)	(5)
MTMW2	(5)	(5)
MTMW3	(5)	(5)
MTMW4	(5)	(5)
AW1	(5)	(5)
AW2	(5)	(5)
Totals		

Notes:

(1) Product not observed in well.

(2) Product not removed from well

(3) Well not installed

(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

(5) September and October data not reported due to gauging errors made by Cape Environmental's subcontractor (BoksoMonoi Environmental, Inc.)

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Gallons Removed							
	1/31/2001	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001
RW1	4.94	5.16	4.57	0.00	0.00	3.98	2.73	0.80
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	4.06	3.98	7.52	3.25	0.00	0.00	6.18	4.06
RW8	0.22	0.30	0.00	0.37	0.00	0.00	0.00	0.00
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.39	0.38	0.39	0.00	0.30	0.30	0.01	0.01
UGW2	0.00	0.00	0.00	0.00	0.00	0.32	0.03	0.02
UGW3	0.02	0.00	0.00	0.01	0.01	0.00	0.15	0.18
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	1.15	1.11	0.73	0.35	0.00	0.76	0.58	0.20
UGW13	1.03	1.09	0.77	0.84	0.00	1.04	0.98	0.81
UGW17	0.52	0.48	0.48	0.15	0.00	0.22	0.13	0.08
UGW19	0.18	0.15	0.14	0.16	0.00	0.12	0.14	0.11
UGW21	0.39	0.39	0.36	0.28	0.00	0.62	0.37	0.16
UGW25	1.00	1.08	0.78	0.00	0.00	0.00	0.78	0.25
PW2	0.13	0.26	0.18	0.23	0.00	0.10	0.02	0.01
PW3	0.26	0.20	0.24	0.00	0.95	0.07	0.16	0.07
PW5	0.52	0.49	0.49	0.00	0.82	0.10	0.03	0.00
PW6	0.49	0.49	0.49	0.00	1.08	0.56	0.39	0.50
MW1	0.09	0.07	0.07	0.04	0.00	0.04	0.02	0.01
MW3	0.04	0.04	0.03	0.00	0.07	0.06	0.05	0.03
MW4	0.19	0.18	0.20	0.00	0.10	0.06	0.01	0.04
7MW08	0.00	0.00	0.00	0.00	0.00	1.49	2.09	1.93
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470MW1	0.00	0.02	0.00	0.00	0.00	0.00	0.03	0.00
MTMW1	0.59	0.64	0.00	0.00	0.00	0.52	0.62	0.63
MTMW2	0.81	0.79	0.00	0.00	0.00	0.84	0.79	0.76
MTMW3	0.71	0.69	0.00	0.00	0.00	0.56	0.55	0.53
MTMW4	0.76	0.79	0.00	0.00	0.00	0.59	0.81	0.71
AW1	0.78	0.62	0.00	0.00	0.00	0.45	0.45	0.39
AW2	0.69	0.66	0.00	0.00	0.00	0.48	0.54	0.52
Totals	19.97	20.03	17.44	5.66	3.33	13.28	18.63	12.86

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Gallons Removed							
	9/28/2001	10/29/2001	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW1	0.58	1.17	0.47	0.12	0.07	0.47	0.68	0.50
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	1.53	2.96	1.84	0.00	0.50	0.56	0.00	4.59
RW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.00	0.12	0.05	0.03	0.01	0.00	0.00	0.00
UGW2	0.00	0.00	0.00	0.00	0.03	0.04	0.04	0.00
UGW3	0.16	0.02	0.02	0.00	0.00	0.00	0.00	0.00
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.01
UGW12	0.65	0.44	0.09	0.21	0.04	0.00	0.00	0.27
UGW13	1.36	0.92	0.20	0.39	1.39	0.02	0.01	0.03
UGW17	0.25	0.06	0.04	0.08	0.09	0.03	0.00	0.00
UGW19	0.00	0.01	0.01	0.01	0.01	0.00	0.12	0.02
UGW21	0.00	0.08	0.03	0.03	0.02	0.00	0.04	0.00
UGW25	0.60	0.65	1.11	1.05	0.93	0.78	1.16	0.67
PW2	0.04	0.06	0.03	0.00	0.18	0.24	0.10	0.11
PW3	0.10	0.09	0.04	0.05	0.00	0.00	0.00	0.00
PW5	0.07	0.07	0.06	0.09	0.09	0.05	0.03	0.03
PW6	0.22	0.07	0.04	0.00	0.01	0.00	0.00	0.00
MW1	0.03	0.01	0.03	0.00	0.00	0.01	0.03	0.00
MW3	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
MW4	0.00	0.04	0.00	0.00	0.00	0.00	0.03	0.00
7MW08	0.99	0.60	1.34	1.74	0.80	0.89	0.00	2.18
7MW15	(3)	(3)	(3)	(3)	0.00	0.07	0.12	0.07
470MW1	0.02	0.02	0.02	0.00	0.04	0.00	0.00	0.00
MTMW1	0.55	0.58	0.58	0.52	0.52	0.53	0.64	0.65
MTMW2	0.79	0.72	0.77	0.75	0.82	1.08	0.75	0.66
MTMW3	0.34	0.35	0.11	0.18	0.21	0.13	0.14	0.14
MTMW4	0.73	0.80	0.78	0.77	0.98	1.10	0.73	0.66
AW1	0.28	0.42	0.50	0.02	0.24	0.00	0.00	0.56
AW2	0.49	0.54	0.57	0.56	0.17	0.19	0.59	0.54
Totals	9.80	10.82	8.75	6.60	7.14	6.20	5.22	11.70

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Gallons Removed							
	5/31/2002	6/30/2002	7/31/2002	8/31/2002	9/30/2002	10/31/2002	11/30/2002	12/31/2002
RW1	0.41	0.00	0.40	0.50	0.37	0.03	0.00	2.32
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	2.04	0.28	2.73	6.74	6.27	4.66	5.32	6.11
RW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.00	0.02	0.02	0.01	0.00	0.01	0.00	0.00
UGW2	0.00	0.16	0.11	0.00	0.00	0.00	0.00	0.00
UGW3	0.00	0.00	0.00	0.21	0.33	0.03	0.02	0.00
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	0.04	0.00	0.00	0.00	0.04	0.01	0.00	0.00
UGW13	0.07	0.03	0.07	0.51	1.05	0.88	0.08	0.96
UGW17	0.00	0.07	0.00	0.02	0.09	0.07	0.04	0.03
UGW19	0.10	0.01	0.10	0.11	0.03	0.02	0.06	0.10
UGW21	0.00	0.01	0.07	0.32	0.20	0.01	0.00	0.06
UGW25	0.18	1.23	0.77	30.46	51.08	25.95	16.10	20.97
PW2	0.00	0.07	0.07	0.08	0.00	0.00	0.03	0.01
PW3	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.03
PW5	0.00	0.05	0.05	0.05	0.00	0.05	0.01	0.01
PW6	0.00	0.03	0.03	0.04	0.00	0.01	0.00	0.00
MW1	0.03	0.02	0.04	0.01	0.00	0.00	0.02	0.02
MW3	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00
MW4	0.00	0.00	0.03	0.05	0.00	0.00	0.00	0.04
7MW08	2.02	1.50	2.36	2.09	1.96	0.89	1.92	1.50
7MW15	0.00	0.00	1.02	0.04	0.97	0.08	0.00	0.00
470MW1	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.00
MTMW1	0.45	0.61	0.68	0.71	0.64	0.55	0.58	0.61
MTMW2	0.70	0.66	0.21	0.66	0.61	0.67	0.73	0.70
MTMW3	0.09	0.19	0.17	0.58	0.54	0.45	0.51	0.48
MTMW4	0.67	0.01	0.68	0.69	0.63	0.56	0.69	0.72
AW1	0.23	0.48	0.37	0.49	0.38	0.33	0.47	0.46
AW2	0.25	0.44	0.56	0.56	0.51	0.37	0.57	0.62
Totals	7.29	5.91	10.57	44.98	65.68	35.62	27.17	35.75

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Gallons Removed							
	1/31/2003	2/28/2003	3/31/2003	4/30/2003 (5)	5/31/2003 (5)	6/30/2003 (5)	7/31/2003 (5)	8/31/2003 (5)
RW1	0.00	2.07	1.48	0.56	0.58	0.80	0.40	0.28
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	17.31	10.25	7.94	5.02	3.60	4.34	2.58	4.53
RW8	0.00	0.00	0.15	0.00	0.04	0.00	0.00	0.03
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
UGW2	0.00	0.00	0.06	0.00	0.07	0.07	0.00	0.00
UGW3	0.13	0.48	0.69	0.57	0.04	0.02	0.00	0.00
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.01
UGW8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW12	0.69	0.54	0.71	1.05	0.17	0.39	0.36	0.64
UGW13	1.02	0.97	0.97	2.01	1.58	0.87	0.21	0.94
UGW17	0.05	0.05	0.03	0.09	0.10	0.08	0.06	0.09
UGW19	0.11	0.20	0.20	0.00	0.00	0.12	0.01	0.00
UGW21	0.30	0.28	0.27	0.24	0.11	0.09	0.05	0.05
UGW25	21.03	16.04	16.50	13.61	15.95	17.87	12.05	15.09
PW2	0.00	0.09	0.09	0.00	0.38	0.00	0.00	0.03
PW3	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
PW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
PW6	0.00	0.00	0.33	0.80	0.48	0.34	0.07	0.19
MW1	0.00	0.00	0.04	0.04	0.05	0.06	0.00	0.05
MW3	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
MW4	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.02
7MW08	2.99	1.73	3.72	1.33	0.62	0.49	0.30	0.41
7MW15	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
470MW1	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
MTMW1	0.67	0.68	0.71	0.20	0.54	0.56	0.53	0.55
MTMW2	0.80	0.73	0.74	0.48	0.72	0.82	0.10	0.60
MTMW3	0.53	0.56	0.52	0.52	0.23	0.17	0.08	0.13
MTMW4	0.77	0.69	0.69	0.60	0.66	0.76	0.33	0.78
AW1	0.56	0.47	0.63	0.37	0.18	0.02	0.05	0.01
AW2	0.65	0.55	0.60	0.22	0.29	0.45	0.28	0.51
Totals	47.64	36.56	37.14	27.71	26.40	28.34	17.61	24.99

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02
(5) The total gallons reported for this month may underestimate the total amount of product purged from the TWFF monitor wells during this time period.

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Gallons Removed	
	9/30/2003 [5]	10/31/2003 [5]
RW1	0.00	0.00
RW2	(2)	(2)
RW5	0.00	0.00
RW8	0.00	0.00
TrenchRW	0.00	0.00
TrenchMW	0.00	0.00
UGW1	0.01	0.00
UGW2	0.00	0.00
UGW3	0.00	0.00
UGW4	0.00	0.00
UGW5	0.00	0.00
UGW8	0.00	0.00
UGW12	0.00	0.00
UGW13	0.00	0.00
UGW17	0.00	0.00
UGW19	0.02	0.00
UGW21	0.01	0.01
UGW25	7.08	10.90
PW2	0.00	0.00
PW3	0.00	0.00
PW5	0.02	0.00
PW6	0.00	0.00
MW1	0.00	0.04
MW3	0.00	0.00
MW4	0.00	0.00
7MW08	0.06	0.03
7MW15	0.00	0.00
470MW1	0.02	0.00
MTMW1	0.54	0.00
MTMW2	0.70	0.73
MTMW3	0.00	0.00
MTMW4	0.60	0.68
AW1	0.00	0.00
AW2	0.33	0.13
Totals	9.39	12.53

Notes:

[1] Product not observed in well.

[2] Product not removed from well

[3] Well not installed

[4] A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

[5] The total gallons reported for this month may underestimate the total amount of product purged from the TWFF monitor wells during this time period.

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Cumulative Gallons Removed							
	1/31/2001	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001
RW1	4.94	10.10	14.68	14.68	14.68	18.66	21.39	22.18
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	4.06	8.04	15.56	18.81	18.81	18.81	24.99	29.04
RW8	0.22	0.52	0.52	0.89	0.89	0.89	0.89	0.89
TrenchRW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW1	0.39	0.76	1.15	1.15	1.45	1.75	1.76	1.78
UGW2	0.00	0.00	0.00	0.00	0.00	0.32	0.35	0.38
UGW3	0.02	0.02	0.02	0.02	0.03	0.03	0.18	0.36
UGW4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	1.15	2.26	2.99	3.34	3.34	4.11	4.68	4.89
UGW13	1.03	2.12	2.89	3.73	3.73	4.77	5.75	6.56
UGW17	0.52	1.00	1.48	1.62	1.62	1.85	1.98	2.06
UGW19	0.18	0.33	0.47	0.62	0.62	0.75	0.89	1.00
UGW21	0.39	0.78	1.14	1.42	1.42	2.04	2.41	2.57
UGW25	1.00	2.08	2.86	2.86	2.86	2.86	3.64	3.89
PW2	0.13	0.39	0.57	0.80	0.80	0.90	0.92	0.93
PW3	0.26	0.46	0.70	0.70	1.65	1.71	1.88	1.94
PW5	0.52	1.01	1.50	1.50	2.32	2.42	2.45	2.45
PW6	0.49	0.98	1.47	1.47	2.55	3.11	3.49	3.99
MW1	0.09	0.16	0.23	0.27	0.27	0.31	0.33	0.34
MW3	0.04	0.08	0.11	0.11	0.19	0.25	0.30	0.32
MW4	0.19	0.37	0.56	0.56	0.66	0.72	0.73	0.77
7MW08	0.00	0.00	0.00	0.00	0.00	1.49	3.58	5.52
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470MW1	0.00	0.02	0.02	0.02	0.02	0.02	0.05	0.05
MTMW1	0.59	1.23	1.23	1.23	1.23	1.75	2.38	3.01
MTMW2	0.81	1.60	1.60	1.60	1.60	2.44	3.23	3.99
MTMW3	0.71	1.40	1.40	1.40	1.40	1.96	2.51	3.04
MTMW4	0.76	1.55	1.55	1.55	1.55	2.14	2.95	3.66
AW1	0.78	1.39	1.39	1.39	1.39	1.84	2.29	2.68
AW2	0.69	1.35	1.35	1.35	1.35	1.83	2.37	2.90
Totals	19.97	40.01	57.45	63.11	66.44	79.72	98.36	111.21

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Cumulative Gallons Removed							
	9/28/2001	10/29/2001	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW1	22.76	23.92	24.40	24.51	24.59	25.06	25.74	26.24
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	30.58	33.54	35.39	35.39	35.89	36.45	36.45	41.03
RW8	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
TrenchRW	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
TrenchMW	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
UGW1	1.78	1.90	1.95	1.98	1.99	1.99	1.99	1.99
UGW2	0.38	0.38	0.38	0.38	0.41	0.45	0.49	0.49
UGW3	0.52	0.54	0.56	0.57	0.57	0.57	0.57	0.57
UGW4	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
UGW5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	5.53	5.98	6.07	6.28	6.32	6.32	6.32	6.59
UGW13	7.92	8.84	9.04	9.43	10.82	10.84	10.86	10.89
UGW17	2.31	2.37	2.40	2.48	2.57	2.60	2.60	2.60
UGW19	1.00	1.01	1.02	1.03	1.03	1.03	1.16	1.18
UGW21	2.57	2.65	2.68	2.72	2.74	2.74	2.78	2.78
UGW25	4.49	5.14	6.25	7.30	8.23	9.01	10.18	10.84
PW2	0.97	1.03	1.06	1.06	1.24	1.48	1.58	1.69
PW3	2.04	2.13	2.17	2.22	2.22	2.22	2.22	2.22
PW5	2.52	2.58	2.64	2.73	2.81	2.86	2.90	2.92
PW6	4.21	4.28	4.32	4.32	4.33	4.33	4.33	4.33
MW1	0.37	0.38	0.41	0.41	0.41	0.42	0.45	0.45
MW3	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
MW4	0.77	0.81	0.81	0.81	0.81	0.81	0.83	0.83
7MW08	6.50	7.11	8.45	10.19	10.99	11.87	11.87	14.06
7MW15	(3)	(3)	(3)	(3)	0.00	0.07	0.19	0.26
470MW1	0.08	0.10	0.12	0.12	0.16	0.16	0.16	0.16
MTMW1	3.56	4.14	4.72	5.24	5.76	6.28	6.92	7.57
MTMW2	4.78	5.50	6.27	7.03	7.85	8.93	9.68	10.34
MTMW3	3.38	3.73	3.85	4.03	4.24	4.37	4.51	4.65
MTMW4	4.39	5.19	5.98	6.75	7.73	8.82	9.55	10.21
AW1	2.96	3.38	3.89	3.90	4.14	4.14	4.14	4.70
AW2	3.38	3.92	4.49	5.05	5.23	5.42	6.00	6.55
Totals	121.01	131.83	140.58	147.17	154.31	160.52	165.73	177.42

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Cumulative Gallons Removed							
	5/31/2002	6/30/2002	7/31/2002	8/31/2002	9/30/2002	10/31/2002	11/30/2002	12/31/2002
RW1	26.65	26.65	27.05	27.55	27.92	27.95	27.95	30.27
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	43.07	43.35	46.08	52.82	59.09	63.75	69.07	75.18
RW8	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
TrenchRW	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
TrenchMW	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
UGW1	1.99	2.00	2.02	2.03	2.03	2.05	2.05	2.05
UGW2	0.49	0.65	0.75	0.75	0.75	0.75	0.75	0.75
UGW3	0.57	0.57	0.57	0.78	1.11	1.14	1.15	1.16
UGW4	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
UGW5	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	6.63	6.63	6.63	6.63	6.67	6.68	6.68	6.68
UGW13	10.96	10.99	11.06	11.57	12.61	13.49	13.57	14.53
UGW17	2.60	2.68	2.68	2.70	2.79	2.86	2.91	2.94
UGW19	1.28	1.30	1.40	1.52	1.54	1.56	1.62	1.71
UGW21	2.78	2.79	2.86	3.18	3.38	3.39	3.39	3.45
UGW25	11.02	12.25	13.02	43.48	94.56	120.51	136.61	157.58
PW2	1.69	1.76	1.82	1.90	1.90	1.90	1.93	1.94
PW3	2.22	2.22	2.26	2.26	2.26	2.26	2.26	2.29
PW5	2.92	2.98	3.02	3.07	3.07	3.11	3.13	3.13
PW6	4.33	4.36	4.39	4.43	4.43	4.44	4.44	4.44
MW1	0.48	0.50	0.54	0.55	0.55	0.55	0.58	0.60
MW3	0.34	0.34	0.34	0.37	0.37	0.37	0.38	0.38
MW4	0.83	0.83	0.86	0.91	0.91	0.91	0.91	0.95
7MW08	16.08	17.58	19.94	22.04	24.00	24.88	26.80	28.31
7MW15	0.26	0.26	1.28	1.32	2.29	2.37	2.37	2.37
470MW1	0.16	0.18	0.19	0.21	0.21	0.21	0.21	0.21
MTMW1	8.02	8.64	9.31	10.02	10.66	11.20	11.78	12.39
MTMW2	11.04	11.70	11.91	12.57	13.18	13.85	14.58	15.28
MTMW3	4.74	4.93	5.10	5.68	6.21	6.66	7.17	7.66
MTMW4	10.88	10.90	11.58	12.27	12.90	13.46	14.15	14.88
AW1	4.93	5.41	5.78	6.27	6.65	6.98	7.45	7.91
AW2	6.80	7.24	7.80	8.35	8.87	9.23	9.81	10.43
Totals	184.72	190.63	201.20	246.17	311.85	347.48	374.65	410.39

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Cumulative Gallons Removed							
	1/31/2003	2/28/2003	3/31/2003	4/30/2003 (5)	5/31/2003 (5)	6/30/2003 (5)	7/31/2003 (5)	8/31/2003 (5)
RW1	30.27	32.33	33.81	34.37	34.94	35.74	36.14	36.42
RW2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
RW5	92.49	102.74	110.68	115.69	119.29	123.63	126.21	130.74
RW8	0.89	0.89	1.03	1.03	1.08	1.08	1.08	1.11
TrenchRW	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
TrenchMW	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
UGW1	2.05	2.05	2.05	2.05	2.06	2.06	2.06	2.07
UGW2	0.75	0.75	0.82	0.82	0.88	0.95	0.95	0.95
UGW3	1.29	1.77	2.46	3.03	3.07	3.09	3.09	3.09
UGW4	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
UGW5	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.07
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW12	7.37	7.90	8.62	9.67	9.84	10.23	10.59	11.24
UGW13	15.55	16.52	17.49	19.50	21.09	21.95	22.16	23.10
UGW17	2.99	3.04	3.07	3.16	3.27	3.34	3.41	3.49
UGW19	1.82	2.02	2.22	2.22	2.22	2.34	2.36	2.36
UGW21	3.74	4.02	4.29	4.53	4.64	4.73	4.77	4.83
UGW25	178.61	194.65	211.15	224.76	240.71	258.58	270.63	285.72
PW2	1.94	2.03	2.13	2.13	2.50	2.50	2.50	2.54
PW3	2.29	2.29	2.32	2.32	2.32	2.32	2.32	2.32
PW5	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.18
PW6	4.44	4.44	4.77	5.57	6.05	6.39	6.45	6.64
MW1	0.60	0.60	0.64	0.68	0.73	0.79	0.79	0.85
MW3	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
MW4	0.95	1.12	1.12	1.12	1.12	1.12	1.12	1.14
7MW08	31.30	33.03	36.74	38.07	38.69	39.18	39.47	39.88
7MW15	2.37	2.37	2.37	2.37	2.37	2.37	2.53	2.53
470MW1	0.21	0.21	0.25	0.25	0.25	0.26	0.26	0.26
MTMW1	13.06	13.74	14.44	14.64	15.18	15.75	16.28	16.83
MTMW2	16.08	16.82	17.56	18.04	18.76	19.58	19.68	20.28
MTMW3	8.18	8.75	9.27	9.79	10.02	10.19	10.27	10.40
MTMW4	15.65	16.34	17.03	17.63	18.29	19.05	19.37	20.15
AW1	8.48	8.94	9.58	9.94	10.12	10.14	10.19	10.19
AW2	11.08	11.64	12.24	12.46	12.74	13.20	13.48	13.98
Totals	458.03	494.59	531.73	559.44	585.84	614.18	631.79	656.78

Notes:
(1) Product not observed in well.
(2) Product not removed from well
(3) Well not installed
(4) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02
(5) The total gallons reported for this month may underestimate the total amount of product purged from the TWFF monitor wells during this time period.

TABLE 4

SUMMARY OF DEPTH TO PRODUCT, PRODUCT THICKNESS, AND PRODUCT REMOVAL INFORMATION
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Well ID	Cumulative Gal. Removed	
	9/30/2003 [5]	10/31/2003 [5]
RW1	36.42	36.42
RW2	(2)	(2)
RW5	130.74	130.74
RW8	1.11	1.11
TrenchRW	0.03	0.03
TrenchMW	0.01	0.01
UGW1	2.08	2.08
UGW2	0.95	0.95
UGW3	3.09	3.10
UGW4	0.01	0.01
UGW5	0.07	0.07
UGW8	(2)	(2)
UGW12	11.24	11.24
UGW13	23.10	23.10
UGW17	3.49	3.49
UGW19	2.38	2.38
UGW21	4.84	4.85
UGW25	292.80	303.70
PW2	2.54	2.54
PW3	2.32	2.32
PW5	3.20	3.20
PW6	6.64	6.64
MW1	0.85	0.89
MW3	0.38	0.38
MW4	1.14	1.14
7MW08	39.94	39.97
7MW15	2.53	2.53
470MW1	0.29	0.29
MTMW1	17.36	17.36
MTMW2	20.98	21.72
MTMW3	10.40	10.40
MTMW4	20.75	21.43
AW1	10.19	10.19
AW2	14.32	14.44
Totals	666.17	678.70

Notes:

[1] Product not observed in well.

[2] Product not removed from well

[3] Well not installed

[4] A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

[5] The total gallons reported for this month may underestimate the total amount of product purged from the TWFF monitor wells during this time period.

TABLE 5

SUMMARY OF DAILY RAINFALL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Date Aug 2001	Rainfall (inches)	Date Sept 2001	Rainfall (inches)	Date Oct 2001	Rainfall (inches)	Date Nov 2001	Rainfall (inches)	Date Dec 2001	Rainfall (inches)	Date Jan 2002	Rainfall (inches)	Date Feb 2002	Rainfall (inches)	Date Mar 2002	Rainfall (inches)
Wed - 1	0.02	Sat - 1	NR	Mon - 1	0.18	Thu - 1	0	Mon - 3	1	Tue - 1	0	Fri - 1	0.2	Fri - 1	0
Thu - 2	0.25	Sun - 2	NR	Tue - 2	0.04	Fri - 2	0.1	Tue - 4	0	Wed - 2	0	Sat - 2	NR	Sat - 2	NR
Fri - 3	0.02	Mon - 3	0	Wed - 3	0.39	Sat - 3	NR	Wed - 5	0.1	Thu - 3	0	Sun - 3	NR	Sun - 3	NR
Sat - 4	NR	Tue - 4	0.82	Thu - 4	0.09	Sun - 4	NR	Thu - 6	0	Fri - 4	0	Weekly Total	0.20	Weekly Total	0.00
Sun - 5	NR	Wed - 5	0.02	Fri - 5	0.11	Weekly Total	0.10	Fri - 7	0	Sat - 5	NR	Mon - 4	0.12	Mon - 4	0.1
Weekly Total	0.29	Thu - 6	0.05	Sat - 6	NR	Mon - 5	1.07	Sat - 8	NR	Sun - 6	NR	Tue - 5	0.05	Tue - 5	0
Mon - 6	0.47	Fri - 7	0	Sun - 7	NR	Tue - 6	0.02	Sun - 9	NR	Weekly Total	0.00	Wed - 6	0	Wed - 6	0.02
Tue - 7	0.01	Sat - 8	NR	Weekly Total	0.81	Wed - 7	0.34	Weekly Total	1.50	Mon - 7	0.8	Thu - 7	0	Thu - 7	0.35
Wed - 8	0.03	Sun - 9	NR	Mon - 8	0	Thu - 8	2.14	Mon - 10	0.8	Tue - 8	0	Fri - 8	0	Fri - 8	0.43
Thu - 9	0.19	Weekly Total	0.89	Tue - 9	0.30	Fri - 9	0.04	Tue - 11	0	Wed - 9	0	Sat - 9	NR	Sat - 9	NR
Fri - 10	0.22	Mon - 10	0.09	Wed - 10	0.99	Sat - 10	NR	Wed - 12	0.51	Thu - 10	0	Sun - 10	NR	Sun - 10	NR
Sat - 11	NR	Tue - 11	0	Thu - 11	0.23	Sun - 11	NR	Thu - 13	1.15	Fri - 11	0	Weekly Total	0.17	Weekly Total	0.90
Sun - 12	NR	Wed - 12	0	Fri - 12	0	Weekly Total	3.61	Fri - 14	1.24	Sat - 12	NR	Mon - 11	0.4	Mon - 11	0.05
Weekly Total	0.92	Thu - 13	0	Sat - 13	NR	Mon - 12	0	Sat - 15	NR	Sun - 13	NR	Tue - 12	0.1	Tue - 12	0.01
Mon - 13	0.04	Fri - 14	0.48	Sun - 14	NR	Tue - 13	0	Sun - 16	NR	Weekly Total	0.90	Wed - 13	0	Wed - 13	0.13
Tue - 14	0.06	Sat - 15	NR	Weekly Total	1.52	Wed - 14	0	Weekly Total	3.91	Mon - 14	0	Thu - 14	0	Thu - 14	0.07
Wed - 15	0	Sun - 16	NR	Mon - 15	0.30	Thu - 15	0	Mon - 17	7.80	Tue - 15	0	Fri - 15	0.1	Fri - 15	0
Thu - 16	0.26	Weekly Total	0.57	Tue - 16	0.59	Fri - 16	0	Tue - 18	0	Wed - 16	0	Sat - 16	NR	Sat - 16	NR
Fri - 17	0.07	Mon - 17	0.18	Wed - 17	0.12	Sat - 17	NR	Wed - 19	0	Thu - 17	0.1	Sun - 17	NR	Sun - 17	NR
Sat - 18	NR	Tue - 18	0.26	Thu - 18	0	Sun - 18	NR	Thu - 20	0	Fri - 18	0	Weekly Total	0.60	Weekly Total	0.26
Sun - 19	NR	Wed - 19	0	Fri - 19	0.13	Weekly Total	0.00	Fri - 21	0	Sat - 19	NR	Mon - 18	0.1	Mon - 18	0.01
Weekly Total	0.43	Thu - 20	0	Sat - 20	NR	Mon - 19	0.10	Sat - 22	NR	Sun - 20	NR	Tue - 19	0	Tue - 19	0
Mon - 20	0.18	Fri - 21	0	Sun - 21	NR	Tue - 20	0	Sun - 23	NR	Weekly Total	0.10	Wed - 20	0.3	Wed - 20	0
Tue - 21	0	Sat - 22	NR	Weekly Total	1.14	Wed - 21	0	Weekly Total	7.80	Mon - 21	0.14	Thu - 21	0	Thu - 21	0
Wed - 22	0.17	Sun - 23	NR	Mon - 22	0.46	Thu - 22	0	Mon - 24	0.00	Tue - 22	0	Fri - 22	0	Fri - 22	0
Thu - 23	5.16	Weekly Total	0.44	Tue - 23	0.08	Fri - 23	0	Tue - 25	0	Wed - 23	0	Sat - 23	NR	Sat - 23	NR
Fri - 24	0	Mon - 24	0.80	Wed - 24	0	Sat - 24	NR	Wed - 26	0	Thu - 24	0	Sun - 24	NR	Sun - 24	NR
Sat - 25	NR	Tue - 25	0	Thu - 25	0	Sun - 25	NR	Thu - 27	0	Fri - 25	0.11	Weekly Total	0.40	Weekly Total	0.01
Sun - 26	NR	Wed - 26	0	Fri - 26	0.02	Weekly Total	0.10	Fri - 28	0	Sat - 26	NR	Mon - 25	0.05	Mon - 25	0.2
Weekly Total	5.51	Thu - 27	0	Sat - 27	NR	Mon - 26	0.10	Sat - 29	NR	Sun - 27	NR	Tue - 26	0.01	Tue - 26	0
Mon - 27	0	Fri - 28	0	Sun - 28	NR	Tue - 27	0	Sun - 30	NR	Weekly Total	0.25	Wed - 27	0.1	Wed - 27	0
Tue - 28	0	Sat - 29	NR	Weekly Total	0.56	Wed - 28	0	Weekly Total	0.55	Mon - 28	0.5	Thu - 28	0	Thu - 28	0.08
Wed - 29	0.10	Sun - 30	NR	Mon - 29	0.33	Thu - 29	0	Mon - 31	0.00	Tue - 29	0	Weekly Total	0.16	Fri - 29	0.01
Thu - 30	0	Weekly Total	0.80	Tue - 30	0	Fri - 30	0	Weekly Total	0.00	Wed - 30	0			Sat - 30	NR
Fri - 31	0			Wed - 31	0	Weekly Total	0.10			Thu - 31	0.33			Sun - 31	NR
Weekly Total	0.10			Weekly Total	0.33					Weekly Total	0.83			Weekly Total	0.29

Note: NR - Not recorded

TABLE 5

SUMMARY OF DAILY RAINFALL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Date Apr 2002	Rainfall (inches)	Date May 2002	Rainfall (inches)	Date Jun 2002	Rainfall (inches)	Date Jul 2002	Rainfall (inches)	Date Aug 2002	Rainfall (inches)	Date Sep 2002	Rainfall (inches)	Date Oct 2002	Rainfall (inches)	Date Nov 2002	Rainfall (inches)
Mon - 1	0.02	Wed - 1	0	Sat - 1	NR	Mon - 1	0.11	Thu - 1	0	Sun - 1	NR	Tue - 1	0	Fri - 1	0
Tue - 2	0	Thu - 2	0	Sun - 2	NR	Tue - 2	0	Fri - 2	0	Mon - 2	0.5	Wed - 2	0	Sat - 2	NR
Wed - 3	0.01	Fri - 3	0.01	Weekly Total	0.00	Wed - 3	0.07	Sat - 3	NR	Tue - 3	0	Thu - 3	0	Sun - 3	NR
Thu - 4	0.01	Sat - 4	NR	Mon - 3	0.03	Thu - 4	0.39	Sun - 4	NR	Wed - 4	0.10	Fri - 4	0	Weekly Total	0.00
Fri - 5	0	Sun - 5	NR	Tue - 4	0.17	Fri - 5	0	Weekly Total	0.00	Thu - 5	0.07	Sat - 5	NR	Mon - 4	0.05
Sat - 6	NR	Weekly Total	0.01	Wed - 5	1.64	Sat - 6	NR	Mon - 5	0.01	Fri - 6	0.05	Sun - 6	NR	Tue - 5	0
Sun - 7	NR	Mon - 6	0.03	Thu - 6	1.11	Sun - 7	NR	Tue - 6	0.23	Sat - 7	NR	Weekly Total	0.00	Wed - 6	0.00
Weekly Total	0.04	Tue - 7	0	Fri - 7	0.33	Weekly Total	0.57	Wed - 7	0.18	Sun - 8	NR	Mon - 7	0.17	Thu - 7	0.01
Mon - 8	0.71	Wed - 8	0.01	Sat - 8	NR	Mon - 8	0.11	Thu - 8	0.1	Weekly Total	0.72	Tue - 8	0.11	Fri - 8	0.08
Tue - 9	0.03	Thu - 9	0.02	Sun - 9	NR	Tue - 9	0.07	Fri - 9	0.17	Mon - 9	0.16	Wed - 9	0.01	Sat - 9	NR
Wed - 10	0.05	Fri - 10	0	Weekly Total	3.28	Wed - 10	0.09	Sat - 10	NR	Tue - 10	0	Thu - 10	0	Sun - 10	NR
Thu - 11	0.07	Sat - 11	NR	Mon - 10	0	Thu - 11	0	Sun - 11	NR	Wed - 11	0.00	Fri - 11	0.12	Weekly Total	0.14
Fri - 12	0	Sun - 12	NR	Tue - 11	0.68	Fri - 12	0.03	Weekly Total	0.69	Thu - 12	0.02	Sat - 12	NR	Mon - 11	0.05
Sat - 13	NR	Weekly Total	0.06	Wed - 12	0.11	Sat - 13	NR	Mon - 12	0.62	Fri - 13	0.05	Sun - 13	NR	Tue - 12	0
Sun - 14	NR	Mon - 13	0.02	Thu - 13	0	Sun - 14	NR	Tue - 13	0.04	Sat - 14	NR	Weekly Total	0.41	Wed - 13	0.13
Weekly Total	0.86	Tue - 14	0.07	Fri - 14	0	Weekly Total	0.30	Wed - 14	0.15	Sun - 15	NR	Mon - 14	0	Thu - 14	0.26
Mon - 15	0.07	Wed - 15	0	Sat - 15	NR	Mon - 15	0.07	Thu - 15	0	Weekly Total	0.23	Tue - 15	1	Fri - 15	0.08
Tue - 16	3.07	Thu - 16	0	Sun - 16	NR	Tue - 16	0.02	Fri - 16	0	Mon - 16	1.11	Wed - 16	0.00	Sat - 16	NR
Wed - 17	0.03	Fri - 17	0.17	Weekly Total	0.79	Wed - 17	0.01	Sat - 17	NR	Tue - 17	0.7	Thu - 17	0.16	Sun - 17	NR
Thu - 18	0	Sat - 18	NR	Mon - 17	0.07	Thu - 18	0.00	Sun - 18	NR	Wed - 18	0.10	Fri - 18	0.03	Weekly Total	0.52
Fri - 19	0	Sun - 19	NR	Tue - 18	0.2	Fri - 19	0.00	Weekly Total	0.81	Thu - 19	0	Sat - 19	NR	Mon - 18	0.44
Sat - 20	NR	Weekly Total	0.26	Wed - 19	0.02	Sat - 20	NR	Mon - 19	0.17	Fri - 20	0	Sun - 20	NR	Tue - 19	0.25
Sun - 21	NR	Mon - 20	0.03	Thu - 20	0.11	Sun - 21	NR	Tue - 20	0.02	Sat - 21	NR	Weekly Total	1.19	Wed - 20	0.00
Weekly Total	3.17	Tue - 21	0.01	Fri - 21	0.71	Weekly Total	0.10	Wed - 21	0.02	Sun - 22	NR	Mon - 21	0.1	Thu - 21	0.04
Mon - 22	1.92	Wed - 22	0.07	Sat - 22	NR	Mon - 22	0.07	Thu - 22	0.1	Weekly Total	1.91	Tue - 22	0.03	Fri - 22	0.15
Tue - 23	0.6	Thu - 23	0	Sun - 23	NR	Tue - 23	0.02	Fri - 23	0.07	Mon - 23	0	Wed - 23	0.00	Sat - 23	NR
Wed - 24	0	Fri - 24	0	Weekly Total	1.11	Wed - 24	0.01	Sat - 24	NR	Tue - 24	0	Thu - 24	0	Sun - 24	NR
Thu - 25	0	Sat - 25	NR	Mon - 24	0	Thu - 25	0.00	Sun - 25	NR	Wed - 25	0.96	Fri - 25	0.32	Weekly Total	0.88
Fri - 26	0.01	Sun - 26	NR	Tue - 25	0	Fri - 26	0.00	Weekly Total	0.38	Thu - 26	0.14	Sat - 26	NR	Mon - 25	0
Sat - 27	NR	Weekly Total	0.11	Wed - 26	0	Sat - 27	NR	Mon - 26	0.07	Fri - 27	0.54	Sun - 27	NR	Tue - 26	0.04
Sun - 28	NR	Mon - 27	0	Thu - 27	0.07	Sun - 28	NR	Tue - 27	0.02	Sat - 28	NR	Weekly Total	0.45	Wed - 27	0
Weekly Total	2.53	Tue - 28	0	Fri - 28	0	Weekly Total	0.10	Wed - 28	0.13	Sun - 29	NR	Mon - 28	0.00	Thu - 28	0
Mon - 29	0.27	Wed - 29	0.8	Sat - 29	NR	Mon - 29	0.02	Thu - 29	0.30	Weekly Total	1.64	Tue - 29	0.01	Fri - 29	0
Tue - 30	0.11	Thu - 30	0.79	Sun - 30	NR	Tue - 30	0.02	Fri - 30	0.32	Mon - 30	0	Wed - 30	0.03	Sat - 30	NR
Weekly Total	0.38	Fri - 31	0	Weekly Total	0.07	Wed - 31	0.00	Sat - 31	NR	Weekly Total	0.00	Thu - 31	0.00	Weekly Total	0.04
		Weekly Total	1.59			Weekly Total	0.04	Weekly Total	0.84			Weekly Total	0.04		

Note: NR - Not recorded

TABLE 5

SUMMARY OF DAILY RAINFALL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

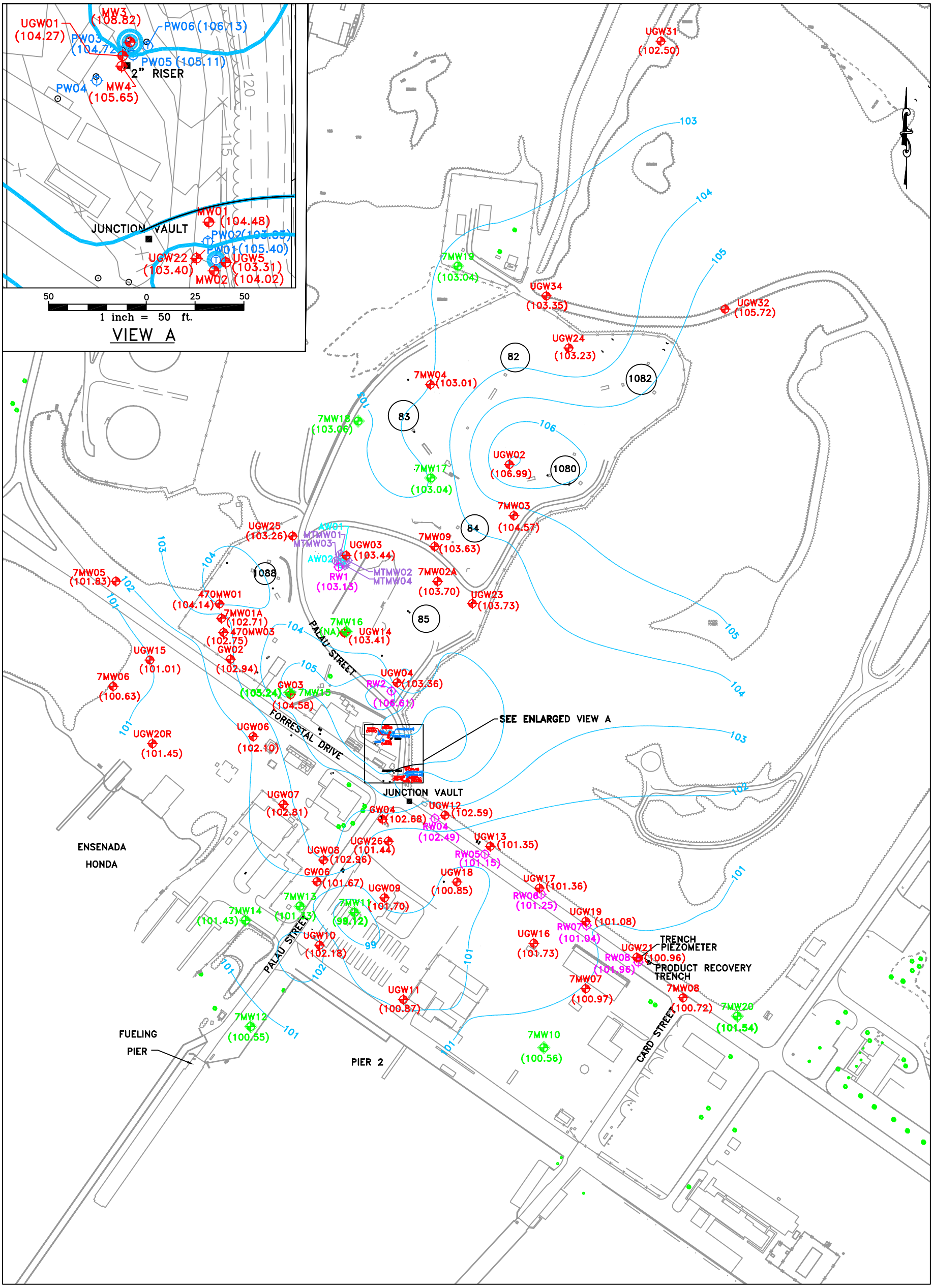
Date Dec 2002	Rainfall (inches)	Date Jan 2003	Rainfall (inches)	Date Feb 2003	Rainfall (inches)	Date Mar 2003	Rainfall (inches)	Date Apr 2003	Rainfall (inches)	Date May 2003	Rainfall (inches)	Date Jun 2003	Rainfall (inches)	Date Jul 2003	Rainfall (inches)
Sun - 1	NR	Wed - 1	0.11	Sat - 1	NR	Sat - 1	NR	Tue - 1	(1)	Thu - 1	0	Sun - 1	NR	Tue - 1	0.04
Mon - 2	0.26	Thu - 2	0	Sun - 2	NR	Sun - 2	NR	Wed - 2	(1)	Fri - 2	0	Weekly Total	0.00	Wed - 2	0.54
Tue - 3	0.03	Fri - 3	0	Weekly Total	0.00	Weekly Total	0.00	Thu - 3	(1)	Sat - 3	NR	Mon - 2	0.57	Thu - 3	0.08
Wed - 4	0.70	Sat - 4	NR	Mon - 3	0.21	Mon - 3	0.06	Fri - 4	(1)	Sun - 4	NR	Tue - 3	0	Fri - 4	0.02
Thu - 5	0.05	Sun - 5	NR	Tue - 4	0.11	Tue - 4	0	Sat - 5	NR	Weekly Total	0.00	Wed - 4	0	Sat - 5	NR
Fri - 6	0.18	Weekly Total	0.11	Wed - 5	0.03	Wed - 5	0	Sun - 6	NR	Mon - 5	0	Thu - 5	0.02	Sun - 6	NR
Sat - 7	NR	Mon - 6	0.04	Thu - 6	0	Thu - 6	0	Weekly Total	0.00	Tue - 6	0	Fri - 6	0	Weekly Total	0.68
Sun - 8	NR	Tue - 7	0	Fri - 7	0	Fri - 7	0	Mon - 7	(1)	Wed - 7	0	Sat - 7	NR	Mon - 7	0.21
Weekly Total	1.22	Wed - 8	0	Sat - 8	NR	Sat - 8	NR	Tue - 8	(1)	Thu - 8	0	Sun - 8	NR	Tue - 8	0.17
Mon - 9	0.13	Thu - 9	0.04	Sun - 9	NR	Sun - 9	NR	Wed - 9	(1)	Fri - 9	0.07	Weekly Total	0.73	Wed - 9	0
Tue - 10	0.4	Fri - 10	0	Weekly Total	0.35	Weekly Total	0.06	Thu - 10	(1)	Sat - 10	NR	Mon - 9	0	Thu - 10	0.27
Wed - 11	0	Sat - 11	NR	Mon - 10	0.13	Mon - 10	0	Fri - 11	(1)	Sun - 11	NR	Tue - 10	0.2	Fri - 11	0
Thu - 12	0	Sun - 12	NR	Tue - 11	0.06	Tue - 11	0.03	Sat - 12	NR	Weekly Total	0.07	Wed - 11	0	Sat - 12	NR
Fri - 13	0.1	Weekly Total	0.08	Wed - 12	0	Wed - 12	0	Sun - 13	NR	Mon - 12	0	Thu - 12	0.2	Sun - 13	NR
Sat - 14	NR	Mon - 13	0.05	Thu - 13	0	Thu - 13	0	Weekly Total	0.00	Tue - 13	0	Fri - 13	0	Weekly Total	0.66
Sun - 15	NR	Tue - 14	0.02	Fri - 14	0	Fri - 14	0.03	Mon - 14	(1)	Wed - 14	0	Sat - 14	NR	Mon - 14	0
Weekly Total	0.63	Wed - 15	0	Sat - 15	NR	Sat - 15	NR	Tue - 15	(1)	Thu - 15	0	Sun - 15	NR	Tue - 15	0
Mon - 16	0.04	Thu - 16	0	Sun - 16	NR	Sun - 16	NR	Wed - 16	(1)	Fri - 16	0.02	Weekly Total	0.40	Wed - 16	0
Tue - 17	0.02	Fri - 17	0.02	Weekly Total	0.19	Weekly Total	0.06	Thu - 17	(1)	Sat - 17	NR	Mon - 16	0	Thu - 17	0
Wed - 18	0	Sat - 18	NR	Mon - 17	0.17	Mon - 17	0.02	Fri - 18	(1)	Sun - 18	NR	Tue - 17	0	Fri - 18	0
Thu - 19	0.15	Sun - 19	NR	Tue - 18	0.19	Tue - 18	0	Sat - 19	NR	Weekly Total	0.02	Wed - 18	0	Sat - 19	NR
Fri - 20	0.28	Weekly Total	0.09	Wed - 19	0	Wed - 19	0	Sun - 20	NR	Mon - 19	0	Thu - 19	0.01	Sun - 20	NR
Sat - 21	NR	Mon - 20	0.16	Thu - 20	0	Thu - 20	0	Weekly Total	0.00	Tue - 20	0	Fri - 20	0	Weekly Total	0.20
Sun - 22	NR	Tue - 21	0.05	Fri - 21	0.02	Fri - 21	0	Mon - 21	(1)	Wed - 21	0	Sat - 21	NR	Mon - 21	0.10
Weekly Total	0.49	Wed - 22	0	Sat - 22	NR	Sat - 22	NR	Tue - 22	(1)	Thu - 22	0	Sun - 22	NR	Tue - 22	0
Mon - 23	0.02	Thu - 23	0.05	Sun - 23	NR	Sun - 23	NR	Wed - 23	(1)	Fri - 23	0	Weekly Total	0.02	Wed - 23	0
Tue - 24	0.14	Fri - 24	0.13	Weekly Total	0.38	Weekly Total	0.02	Thu - 24	(1)	Sat - 24	NR	Mon - 23	0	Thu - 24	0
Wed - 25	0.03	Sat - 25	NR	Mon - 24	0.16	Mon - 24	0.1	Fri - 25	(1)	Sun - 25	NR	Tue - 24	0	Fri - 25	0
Thu - 26	0.02	Sun - 26	NR	Tue - 25	0.04	Tue - 25	0	Sat - 26	NR	Weekly Total	0.00	Wed - 25	0	Sat - 26	NR
Fri - 27	0	Weekly Total	0.39	Wed - 26	0	Wed - 26	0	Sun - 27	NR	Mon - 26	0	Thu - 26	0	Sun - 27	NR
Sat - 28	NR	Mon - 27	0.01	Thu - 27	0	Thu - 27	0	Weekly Total	0.00	Tue - 27	0	Fri - 27	0	Weekly Total	0.19
Sun - 29	NR	Tue - 28	0.2	Fri - 28	0	Fri - 28	0.26	Tue - 28	(1)	Wed - 28	0	Sat - 28	NR	Mon - 28	0.09
Weekly Total	0.21	Wed - 29	0	Weekly Total	0.20	Sat - 29	NR	Wed - 29	(1)	Thu - 29	0	Sun - 29	NR	Tue - 29	0.00
Mon - 30	0.34	Thu - 30	0.27			Sun - 30	NR	Thu - 30	(1)	Fri - 30	0	Weekly Total	0.00	Wed - 30	0
Tue - 31	0.04	Fri - 31	0.22			Weekly Total	0.36	Weekly Total	0.00	Sat - 31	NR	Mon - 30	0	Thu - 31	0.70
Weekly Total	0.38	Weekly Total	0.70			Mon - 31				Weekly Total	0.00	Weekly Total	0.00	Weekly Total	0.79

Notes: NR - Not recorded

TABLE 5

SUMMARY OF DAILY RAINFALL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION ROOSEVELT ROADS
CEIBA, PUERTO RICO

Date Aug 2003	Rainfall (inches)	Date Sept 2003	Rainfall (inches)	Date Oct 2003	Rainfall (inches)
Fri - 1	0.20	Mon - 1	0	Wed - 1	0.10
Sat - 2	NR	Tue - 2	0.03	Thu - 2	0
Sun - 3	NR	Wed - 3	0.02	Fri - 3	0
Weekly Total	0.20	Thu - 4	0	Sat - 4	NR
Mon - 4	0	Fri - 5	1.03	Sun - 5	NR
Tue - 5	0	Sat - 6	NR	Weekly Total	0.10
Wed - 6	0.05	Sun - 7	NR	Mon - 6	0.02
Thu - 7	0.33	Weekly Total	1.08	Tue - 7	0
Fri - 8	0.01	Mon - 8	1.69	Wed - 8	0
Sat - 9	NR	Tue - 9	0.16	Thu - 9	0.32
Sun - 10	NR	Wed - 10	0.00	Fri - 10	0
Weekly Total	0.39	Thu - 11	0.17	Sat - 11	NR
Mon - 11	0	Fri - 12	0.02	Sun - 12	NR
Tue - 12	0	Sat - 13	NR	Weekly Total	0.34
Wed - 13	0.00	Sun - 14	NR	Mon - 13	0
Thu - 14	0	Weekly Total	2.04	Tue - 14	0
Fri - 15	0.03	Mon - 15	0.08	Wed - 15	0.12
Sat - 16	NR	Tue - 16	1.07	Thu - 16	0.14
Sun - 17	NR	Wed - 17	0.11	Fri - 17	0
Weekly Total	0.03	Thu - 18	0.02	Sat - 18	NR
Mon - 18	0.16	Fri - 19	0.18	Sun - 19	NR
Tue - 19	0.1	Sat - 20	NR	Weekly Total	0.26
Wed - 20	0.00	Sun - 21	NR	Mon - 20	0
Thu - 21	0.63	Weekly Total	1.46	Tue - 21	0
Fri - 22	0.68	Mon - 22	0	Wed - 22	0
Sat - 23	NR	Tue - 23	0	Thu - 23	0.04
Sun - 24	NR	Wed - 24	0	Fri - 24	0
Weekly Total	1.57	Thu - 25	0	Sat - 25	NR
Mon - 25	0.35	Fri - 26	0	Sun - 26	NR
Tue - 26	0.1	Sat - 27	NR	Weekly Total	0.04
Wed - 27	0.01	Sun - 28	NR	Mon - 27	0
Thu - 28	0.06	Weekly Total	0.00	Tue - 28	0
Fri - 29	0	Mon - 29	0.17	Wed - 29	0.29
Sat - 30	NR	Tue - 30	0.09	Thu - 30	0
Sun - 31	NR	Weekly Total	0.26	Fri - 31	0
Weekly Total	0.52			Weekly Total	0.29



NOTE:
DATUM PLAN USED IS MEAN LOW WATER = 100.00 FT. AS ESTABLISHED BY U.S. NAVY SURVEY SECTION AS OF NOVEMBER 1941.

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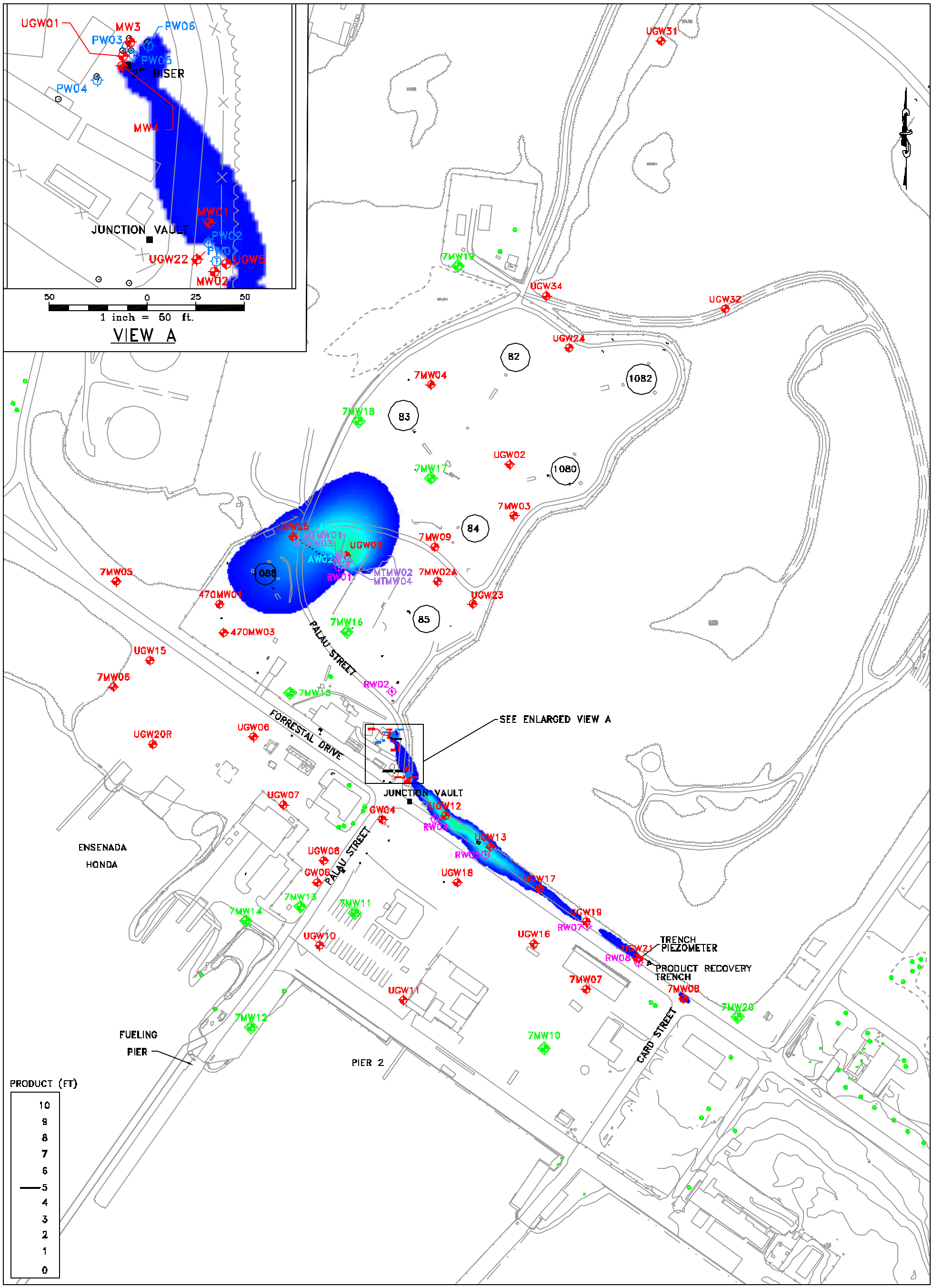
LEGEND

- MONITOR WELL LOCATION
- NEW MONITOR WELL LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- (101.29) CORRECTED GROUNDWATER ELEVATION (FT.)
- (NA) DATA NOT ANALYZED
- 101 ELEVATION (FT.)
- MANTECH MONITOR WELL
- MANTECH CLEANOx APPLICATION WELL

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 1
CORRECTED GROUNDWATER SURFACE CONTOUR MAP (AUGUST 2003)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO



250 0 125 250
1 inch = 250 ft.

Rr2033047.DWG

NOTE:
DATUM PLAN USED IS MEAN LOW WATER = 100.00 FT. AS ESTABLISHED BY U.S. NAVY SURVEY SECTION AS OF NOVEMBER 1941.

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LEGEND

- MONITOR WELL LOCATION
- NEW MONITOR WELL LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- MANTECH MONITOR WELL
- MANTECH CLEANOx APPLICATION WELL

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 2
FREE PRODUCT THICKNESS AND EXTENT MAP (AUGUST 2003)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO