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RCRA Final Permit Required Quarterly Progress Report Period February 1, 2002 - April 30, 2002

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. 21
(February 1, 2002 – April 30, 2002), 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, February 1, 2002 – April 30, 2002, include:

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

- Submitted the Roosevelt Roads RCRA Final Permit Required Quarterly Progress Report for the period November 1, 2002 – January 31, 2002, on February 28, 2002.

- Revised Version of the Site Management Plan for NSRR was electronically posted to the RCRA Corrective Action Program team website on February 28, 2002.

- Received United States Environmental Protection Agency (EPA) comments dated March 8, 2002 on March 14, 2002 from USEPA Region II. These comments were in regards to the Draft Re-Characterization Sampling Work Plan for SWMU 11 submitted by Baker Environmental, Inc. (Baker) on March 31, 1998 and the Draft RCRA Facility Investigation (RFI) Work Plan for SWMU 3 submitted by Baker January 24, 2002.

- Submitted on March 26, 2002 a proposed revision to the proposed corrective measure schedule found in the Final Additional Data Collection Work Plan for SWMU 7/8.

- Revised version of the Site Management Plan for NSRR was electronically posted to the RCRA Corrective Action Program team website on March 29, 2002.

- Revised version of the Site Management Plan for NSRR was electronically posted to the RCRA Corrective Action Program team website on April 30, 2002.

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 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

Baker submitted a proposed revision to the proposed corrective measure schedule found in the Final Work Plan for Additional Data Collection for the TWFF.

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 7.58, 4.34, and 9.31 gallons were recovered during the February, March, and April 2002 monitoring events respectively.

The twenty-first 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 February 1, 2002 through April 30, 2002. 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.

Corrective Measures Study (CMS)

The initial 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 is currently being updated.

4. Joint Interest Group

A JIG meeting was not conducted during this quarter.

5. Site Management Plan (SMP)/Website Development

A revised version of the Site Management Plan was posted to the Roosevelt Roads RCRA Corrective Action Program team website on February 28, 2002, March 29, 2002, and again on April 30, 2002. The Site Management Plan will be updated monthly, with the most up-to-date version posted to the website at the end of each month.

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, and is continuing to be updated. 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 were submitted in a Navy letter on May 30, 2000. The Draft 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 were 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. Due to funding constraints, response to these EPA comments will not occur until FY03 or until such time as funding becomes available.

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, were 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 will not occur until FY03 or until such time as funding becomes available.

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

7. Investigations

The field investigation for the additional data collection at the TWFF was initiated on January 6, 2002 and completed on March 14, 2002. The RFI investigation for SWMUs 53 and 54 was initiated on February 11, 2002 and completed on March 14, 2002. The RFI field investigation for SWMU 3 was initiated on February 28, 2002 and completed on March 12, 2002.

TABLE 1-1

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
APRIL 30, 2002

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. Due to insufficient funding, response to EPA comments postponed till FY03 or until funding is available.
#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. Due to insufficient funding, response to EPA comments postponed till FY03 or until funding is available.
#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. Fieldwork initiated 2/28/02 and completed 3/12/02. Upcoming work includes Draft RFI Report.
#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 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. CleanOX7 pilot study performed January 1999. Final CleanOX7 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

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
APRIL 30, 2002

SWMU or Area of Concern	RFI Type	Status
#7 Tow Way Fuel Farm (Continued)		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. Upcoming works includes CMS Task I Report, and develop CMS Final 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 commented 10/4/01. Due to insufficient funding, response to EPA comments postponed till FY03 or until funding is available.
#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.
#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. CMI work plan needs to go 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.

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
APRIL 30, 2002

SWMU or Area of Concern	RFI Type	Status
#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.
#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. CMI work plan needs to be placed 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. Due to insufficient funding, response to EPA comments postponed till FY03 or until funding is available.
#46 Pole Storage Yard Covered Pad	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. 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. CMI work plan needs to be posted 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.

TABLE 1-1 (Continued)

ROOSEVELT ROADS CORRECTIVE ACTION PROGRAM
SWMU/AOC STATUS
APRIL 30, 2002

SWMU or Area of Concern	RFI Type	Status
#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. Upcoming work includes Draft RFI Report.
#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. Upcoming work includes Draft RFI Report.
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. CMI work plan needs to go 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 November 1, 2001 - January 31, 2002 (February 28, 2002).

- Proposed revision to the corrective measure schedule for the Final Work Plan for Additional Data Collection Tow Way Fuel Farm, Naval Station Roosevelt Roads, PR (March 26, 2002).

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 no significant problems encountered and no responses taken during this period related to the corrective action program.

SECTION 6
PERSONNEL CHANGES

There were no significant changes related to program personnel during this period.

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.
- Continue analysis of engineering alternatives for the TWFF as part of the CMS effort.
- Continue updating the program website.
- Continue updating the NSRR GIS.
- Execute contractual items for future work.
- Next JIG meeting has yet to be determined for the upcoming quarter.
- The fieldwork at SWMUs 1, 2, and 45 utilizing the Additional Data Collection Work Plans for SWMUs 1, 2, and 45 approved by the EPA on October 4, 2001 will have to be delayed due to lack of available funds.
- Continue recovering phase separated hydrocarbon during the monthly gauging activities at TWFF.
- Continue developing the hydrogeologic site model depicting movement of free product plume at TWFF for support of remedy selection in CMS Final Report.
- Continue monthly updates of the NSRR Site Management Plan.
- Submit the Draft Final CMS Task I Report for the TWFF to the EPA.
- Submit the Draft RFI Report for SWMUs 53 and 54 to the EPA.

ATTACHMENT 1
TOW WAY FUEL FARM - QUARTERLY SUMMARY
PROGRESS REPORT NO. 21 (February 1, 2002 – April 30, 2002)
NAVAL STATION ROOSEVELT ROADS

SUMMARY OF PHASE SEPARATED HYDROCARBON MONITORING
FEBRUARY 1, 2002 THROUGH APRIL 30, 2002
TWO 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 February 1, 2002 through April 30, 2002.

Table 1 provides the historical monitoring data from the TWFF from January 1997 to April 2002. 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 Figures 1, 2, and 3, while Figures 4, 5, and 6 provide the Free Product Thickness and Extent Maps.

Phase separated hydrocarbons (PSH) continued to be observed in wells UGW-2 and 7MW08 in this period. The thickness of PSH in well UGW-2 ranged from 0.0-feet in April to 0.26-feet in February 2002. Product thickness in well 7MW08 increased through this period, from 0.6-feet in February 2002 to 1.63-feet in April 2002. PSH was also observed in one of the newly installed monitoring wells, namely 7MW15. The thickness of PSH in well 7MW15 ranged from 0.11-feet in April to 0.18-feet in March 2002. PSH was not observed in newly installed monitoring wells 7MW17 and 7MW18, providing a PSH extent boundary north and east of well UGW-25.

Several apparent anomalies in groundwater flow patterns were observed while preparing the groundwater contour maps for this quarterly report. The paragraphs that follow discuss these anomalies for each month.

Newly installed monitoring well 7MW-16 was excluded from groundwater flow mapping for all three months. This well was designed to identify any PSH. The screened interval intersected a perched groundwater zone that is approximately 7 feet higher than the true water table. Thus, the water level in well 7MW16 was anomalously higher than neighboring wells.

In February 2002, the water level in well UGW-22 appeared to be approximately 10 feet lower than neighboring wells and was excluded from mapping. Apart from well 7MW16, there were no groundwater flow patterns anomalies apparent in the March and April 2002 data sets.

PSH removed from the monitoring wells at the TWFF totaled 18.41 gallons for the period. Table 3 presents a summary of the depth to product, product thickness, and quantities of PSH removed for the regularly purged wells at TWFF. It should be noted that this recovery effort began during the gauging activities during the month of March 2001. Since that time, according to Baker calculations, approximately 111 gallons of PSH have been removed.

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		09/26/9
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
UGW-1	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
UGW-2	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
UGW-3	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
UGW-4	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
UGW-5	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
UGW-6	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
UGW-7	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
UGW-8	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
UGW-9	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
UGW-10	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
UGW-11	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
UGW-12	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
UGW-13	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
UGW-14	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
UGW-15	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
UGW-16	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
UGW-17	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
UGW-18	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
UGW-19	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
UGW-20	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
UGW-20R	NA	NA	109.15	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
UGW-21	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
UGW-22	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 Gau
UGW-23	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
UGW-24	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
UGW-25	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
UGW-26	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
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
PW-1	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
PW-2	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
PW-3	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
PW-4	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
PW-5	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
PW-6	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
MW-1	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
MW-2	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
MW-3	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
MW-4	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
RW-1	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
RW-2	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 Gau

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		09/26/9
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
RW-3	(see UGW-22)			(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW
RW-4	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 Gau
RW-5	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 Gau
RW-6	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
RW-7	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
RW-8	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
GW-01	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
GW-02	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
GW-03	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
GW-04	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
GW-05	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
GW-06	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
470-MW1	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
470-MW3	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
7MW-01A	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
7MW-02A	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
7MW-03	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
7MW-04	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
7MW-05	112.14	1.99	114.13	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW-06	108.45	-0.20	108.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW-07	113.32	2.03	115.35	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW-08	111.58	-0.25	111.33	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW-09	159.16	2.18	161.34	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
Trench MW			109.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
MTMW1			123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
MTMW2			122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
MTMW3			122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
MTMW4			122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
AW1			122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
AW2			121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo

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

Well	Ground Elevation	WELL RISER	Reference Point	97	10/30/97		11/25/97		12/23/97		01/26/98		02/25/98		03/24/98		04/29/98		06/03/98	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW-1	114.81	1.76	116.57	16.13	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
UGW-2	160.53	1.58	162.11	57.05	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
UGW-3	123.24	1.97	125.21	27.05	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
UGW-4	119.24	1.42	120.66	25.52	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
UGW-5	114.54	2.01	116.55	13.41	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
UGW-6	109.75	1.75	111.50	10.15	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
UGW-7	108.38	1.66	110.04	8.45	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
UGW-8	108.59	1.65	110.24	8.96	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
UGW-9	109.69	-0.24	109.45	8.15	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
UGW-10	109.13	1.60	110.73	9.75	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
UGW-11	108.03	1.61	109.64	8.9	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
UGW-12	112.67	1.55	114.22	18.5	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
UGW-13	112.11	1.47	113.58	16.91	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
UGW-14	118.18	1.41	119.59	16.95	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
UGW-15	110.83	1.69	112.52	11.85	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
UGW-16	112.25	1.58	113.83	12.62	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
UGW-17	110.93	1.69	112.62	14.84	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
UGW-18	113.02	1.53	114.55	13.13	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
UGW-19	111.02	1.45	112.47	13.73	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
UGW-20	109.73	2.41	112.14	11.6	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	
UGW-20R	NA	NA	109.15	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
UGW-21	111.15	2.26	113.41	14.38	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
UGW-22	113.10	-2.80	110.30	ged	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
UGW-23	166.97	2.41	169.38	66.2	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
UGW-24	176.96	2.04	179.00	76.31	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
UGW-25	151.65	2.52	154.17	53.62	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
UGW-26	111.09	-0.30	110.79	8.85	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
UGW27	127.77	1.59	129.36	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW-1	113.78	1.60	115.38	12.62	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
PW-2	113.46	2.23	115.69	11.38	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
PW-3	115.14	2.19	117.33	21.03	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
PW-4	113.51	2.14	115.65	15.52	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
PW-5	114.90	2.52	117.42	21.1	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
PW-6	115.48	2.21	117.69	23.18	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
MW-1	113.69	2.25	115.94	9.84	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
MW-2	113.56	2.00	115.56	13.21	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
MW-3	115.21	2.01	117.22	18.13	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
MW-4	114.35	2.21	116.56	11.71	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
RW-1	121.25	-0.70	120.55	24.18	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
RW-2	118.85	-0.84	118.01	ged	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

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	97	10/30/97		11/25/97		12/23/97		01/26/98		02/25/98		03/24/98		04/29/98		06/03/98	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW-3	(see UGW-22)			-22)	(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)	
RW-4	111.96	-0.87	111.09	ged	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
RW-5	111.87	-1.52	110.35	ged	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
RW-6	111.45	-1.63	109.82	7.7	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
RW-7	111.22	-2.63	108.59	8.45	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
RW-8	111.50	-1.61	109.89	9.25	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
GW-01	108.94	2.58	111.52	11.97	9.83	9.83	9.99	9.99	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		10.1	10.11
GW-02	112.06	1.88	113.94	11.68	9.51	9.51	10.32	10.32	10	10	Not Gauged		Not Gauged		Not Gauged		11.24	11.24	11.25	11.25
GW-03	111.39	2.01	113.40	11.27	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
GW-04	111.00	2.06	113.06	9.71	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
GW-05	108.75	(Clogged)		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	
GW-06	108.90	2.05	110.95	9.69	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
470-MW1	130.13	3.01	133.14	31.03	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
470-MW3	120.63	2.52	123.15	21.13	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
7MW-01A	125.78	2.63	128.41	26.33	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
7MW-02A	145.59	2.91	148.50	45.45	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
7MW-03	176.98	2.33	179.31	74.42	70.66	70.66	71.4	71.4	Not Gauged		Not Gauged		Not Gauged		Not Gauged		72.99	72.99	73.44	73.44
7MW-04	180.62	1.94	182.56	80.29	78.5	78.5	78.12	78.12	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		78.26	78.26
7MW-05	112.14	1.99	114.13	lled	13.73	13.73	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		12.4	12.4
7MW-06	108.45	-0.20	108.25	lled	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
7MW-07	113.32	2.03	115.35	lled	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	
7MW-08	111.58	-0.25	111.33	lled	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
7MW-09	159.16	2.18	161.34	lled	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
7MW10	106.93	-0.19	106.74	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW			109.82	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
MTMW1			123.53	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW2			122.87	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW3			122.42	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW4			122.04	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW1			122.58	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW2			121.68	rted	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	07/07/98		08/12/98		11/16/98		12/09/98		01/25/99		02/23/99		03/29/99		04/27/99		05/21/9
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
UGW-1	114.81	1.76	116.57	12.97	15.75	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
UGW-2	160.53	1.58	162.11	56.10	56.62	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
UGW-3	123.24	1.97	125.21	20.33	22.33	20.9	21.47	18.25	18.80	16.84	17.40	Not Gauged		blocked		Not Gauged		Not Gauged		20.54
UGW-4	119.24	1.42	120.66	17.43	17.46	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
UGW-5	114.54	2.01	116.55	13.53	13.74	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
UGW-6	109.75	1.75	111.50	9.96	9.96	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
UGW-7	108.38	1.66	110.04	8.16	8.16	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
UGW-8	108.59	1.65	110.24	8.68	8.68	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
UGW-9	109.69	-0.24	109.45	8.23	8.23	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
UGW-10	109.13	1.60	110.73	9.84	9.84	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
UGW-11	108.03	1.61	109.64	8.97	8.97	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
UGW-12	112.67	1.55	114.22	10.58	18.33	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
UGW-13	112.11	1.47	113.58	11.53	18.28	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
UGW-14	118.18	1.41	119.59	16.49	16.49	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
UGW-15	110.83	1.69	112.52	11.75	11.75	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
UGW-16	112.25	1.58	113.83	12.72	12.72	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
UGW-17	110.93	1.69	112.62	11.03	13.56	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
UGW-18	113.02	1.53	114.55	13.15	13.15	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
UGW-19	111.02	1.45	112.47	11.21	13.53	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
UGW-20	109.73	2.41	112.14	Well destroyed		Well destroyed		Well destroyed		Well destroyed		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UG
UGW-20R	NA	NA	109.15	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		8.52	8.52	8.69	8.70	8.78	8.78	8.63
UGW-21	111.15	2.26	113.41	12.12	14.26	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
UGW-22	113.10	-2.80	110.30	7.40	7.40	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
UGW-23	166.97	2.41	169.38	65.50	65.50	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
UGW-24	176.96	2.04	179.00	74.19	74.19	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
UGW-25	151.65	2.52	154.17	49.30	51.05	49.58	51.40	6.70	6.70	6.35	6.35	Not Gauged		blocked		Not Gauged		Not Gauged		Not Gau
UGW-26	111.09	-0.30	110.79	8.83	8.83	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
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
PW-1	113.78	1.60	115.38	11.20	11.20	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
PW-2	113.46	2.23	115.69	12.17	13.14	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
PW-3	115.14	2.19	117.33	12.58	22.42	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
PW-4	113.51	2.14	115.65	11.86	15.75	10.33	10.51	flooded		4.27	4.27	overflow		pump		Clogged		Clogged		Clogge
PW-5	114.90	2.52	117.42	12.78	21.70	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
PW-6	115.48	2.21	117.69	12.93	22.32	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
MW-1	113.69	2.25	115.94	12.03	13.17	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
MW-2	113.56	2.00	115.56	11.98	12.10	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
MW-3	115.21	2.01	117.22	13.21	19.41	Not Gauged		Not Gauged		Not Gauged		11.60	12.35	Not Gauged		9.75	10.47	10.08	10.85	10.35
MW-4	114.35	2.21	116.56	11.16	11.88	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
RW-1	121.25	-0.70	120.55	16.08	23.24	Not Gauged		12.00	12.05	8.74	8.74	Not Gauged		blocked		blocked		blocked		blocke
RW-2	118.85	-0.84	118.01	14.32	14.69	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

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	07/07/98		08/12/98		11/16/98		12/09/98		01/25/99		02/23/99		03/29/99		04/27/99		05/21/9
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
RW-3	(see UGW-22)			(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW
RW-4	111.96	-0.87	111.09	9.03	9.05	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
RW-5	111.87	-1.52	110.35	8.57	10.98	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
RW-6	111.45	-1.63	109.82	8.90	8.90	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
RW-7	111.22	-2.63	108.59	7.71	7.71	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
RW-8	111.50	-1.61	109.89	9.32	12.86	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
GW-01	108.94	2.58	111.52	10.10	10.12	Not Gauged		Not Gauged		Not Gauged		Not Gauged		not found		Not Gauged		Not Gauged		Not Gau
GW-02	112.06	1.88	113.94	11.37	11.37	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
GW-03	111.39	2.01	113.40	11.21	11.21	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
GW-04	111.00	2.06	113.06	9.19	9.21	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
GW-05	108.75	(Clogged)		Debris in Well		Debris in Well		Debris in Well		Debris in Well		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
GW-06	108.90	2.05	110.95	9.72	9.72	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
470-MW1	130.13	3.01	133.14	30.90	31.13	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 Gau
470-MW3	120.63	2.52	123.15	20.73	20.73	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 Gau
7MW-01A	125.78	2.63	128.41	25.99	25.99	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
7MW-02A	145.59	2.91	148.50	44.14	44.14	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
7MW-03	176.98	2.33	179.31	73.82	73.82	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
7MW-04	180.62	1.94	182.56	78.18	78.18	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
7MW-05	112.14	1.99	114.13	12.53	12.53	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
7MW-06	108.45	-0.20	108.25	7.75	7.75	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
7MW-07	113.32	2.03	115.35	Not Gauged		Not Gauged		12.85	12.85	Not Gauged		Not Gauged		14.29	14.29	14.25	14.25	14.40	14.40	14.14
7MW-08	111.58	-0.25	111.33	10.88	10.88	Not Gauged		Not Gauged		Not Gauged		Not Gauged		10.80	10.80	10.90	10.90	10.85	10.85	10.65
7MW-09	159.16	2.18	161.34	57.67	57.67	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
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
Trench MW			109.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
MTMW1			123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
MTMW2			122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
MTMW3			122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
MTMW4			122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
AW1			122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo
AW2			121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Repo

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	99		06/29/99		07/29/99		08/30/99		09/29/99		10/27/99		12/01/99		12/23/99		01/28/00	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW-1	114.81	1.76	116.57	14.20	12.66	14.43	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
UGW-2	160.53	1.58	162.11	53.66	54.30	54.30	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
UGW-3	123.24	1.97	125.21	20.54	Not Gauged		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
UGW-4	119.24	1.42	120.66	14.10	17.05	17.05	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
UGW-5	114.54	2.01	116.55	12.55	12.68	12.74	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
UGW-6	109.75	1.75	111.50	10.07	10.05	10.05	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
UGW-7	108.38	1.66	110.04	8.44	8.30	8.30	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
UGW-8	108.59	1.65	110.24	8.65	8.45	8.45	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
UGW-9	109.69	-0.24	109.45	8.15	7.98	7.98	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
UGW-10	109.13	1.60	110.73	10.00	9.92	9.92	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
UGW-11	108.03	1.61	109.64	9.07	9.06	9.06	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
UGW-12	112.67	1.55	114.22	17.90	10.81	16.67	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
UGW-13	112.11	1.47	113.58	20.19	10.90	17.10	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
UGW-14	118.18	1.41	119.59	16.05	16.16	16.16	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
UGW-15	110.83	1.69	112.52	11.86	11.75	11.75	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
UGW-16	112.25	1.58	113.83	12.58	12.64	12.64	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
UGW-17	110.93	1.69	112.62	16.81	10.01	18.92	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
UGW-18	113.02	1.53	114.55	12.98	13.01	13.01	12.90	12.90	Damaged		10.24	10.24	11.60	11.60	Damaged		11.65	11.65	11.72	11.72
UGW-19	111.02	1.45	112.47	11.76	10.82	12.02	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
UGW-20	109.73	2.41	112.14	W-20R	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		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R	
UGW-20R	NA	NA	109.15	8.63	8.62	8.62	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
UGW-21	111.15	2.26	113.41	14.27	9.51	17.20	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
UGW-22	113.10	-2.80	110.30	7.56	5.43	5.43	5.94	5.94	1.34	1.34	Not Gauged		3.45	3.45	overflow		5.20	5.20	5.23	5.23
UGW-23	166.97	2.41	169.38	64.64	64.77	64.77	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
UGW-24	176.96	2.04	179.00	73.39	73.76	73.76	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
UGW-25	151.65	2.52	154.17	ged	49.00	50.35	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
UGW-26	111.09	-0.30	110.79	10.05	8.65	8.65	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
UGW27	127.77	1.59	129.36	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW-1	113.78	1.60	115.38	8.98	9.56	9.56	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
PW-2	113.46	2.23	115.69	12.82	11.51	13.30	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
PW-3	115.14	2.19	117.33	16.02	14.00	14.16	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
PW-4	113.51	2.14	115.65	d	Clogged		Clogged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged	
PW-5	114.90	2.52	117.42	14.43	13.95	14.25	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
PW-6	115.48	2.21	117.69	11.48	11.60	11.76	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
MW-1	113.69	2.25	115.94	12.30	11.15	12.55	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
MW-2	113.56	2.00	115.56	10.90	11.27	11.28	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
MW-3	115.21	2.01	117.22	10.97	10.04	10.58	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
MW-4	114.35	2.21	116.56	11.33	10.70	11.30	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
RW-1	121.25	-0.70	120.55	d	blocked		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
RW-2	118.85	-0.84	118.01	13.93	12.40	12.40	13.40	13.40	4.50	4.50	Not Gauged		5.95	5.95	overflow		9.55	9.55	9.60	9.60

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	99	06/29/99		07/29/99		08/30/99		09/29/99		10/27/99		12/01/99		12/23/99		01/28/00	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW-3	(see UGW-22)			-22)	(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)	
RW-4	111.96	-0.87	111.09	9.25	8.66	8.68	8.63	8.64	0.10	0.19	Not Gauged		5.93	5.93	overflow		6.75	6.76	6.82	6.83
RW-5	111.87	-1.52	110.35	9.65	8.50	8.76	8.90	9.14	7.43	7.66	Not Gauged		6.40	6.58	overflow		6.85	6.90	6.87	6.91
RW-6	111.45	-1.63	109.82	8.75	7.94	7.94	8.45	8.45	2.37	2.37	Not Gauged		2.65	2.65	overflow		6.53	6.53	6.55	6.55
RW-7	111.22	-2.63	108.59	7.67	6.96	6.96	7.00	7.00	4.00	4.00	Not Gauged		5.07	5.07	overflow		5.50	5.50	5.70	5.70
RW-8	111.50	-1.61	109.89	9.75	8.70	8.91	8.96	9.35	6.80	7.20	Not Gauged		7.32	7.53	overflow		7.00	7.05	7.15	7.20
GW-01	108.94	2.58	111.52	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW-02	112.06	1.88	113.94	11.15	11.11	11.11	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
GW-03	111.39	2.01	113.40	10.92	11.00	11.00	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
GW-04	111.00	2.06	113.06	10.08	9.93	10.00	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
GW-05	108.75	(Clogged)		ged	Not Gauged		Not Gauged		Clogged		Clogged		Clogged		Not Gauged		Not Gauged		Not Gauged	
GW-06	108.90	2.05	110.95	8.60	9.62	9.62	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
470-MW1	130.13	3.01	133.14	ged	29.85	30.07	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
470-MW3	120.63	2.52	123.15	ged	20.51	20.51	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
7MW-01A	125.78	2.63	128.41	25.75	25.71	25.71	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
7MW-02A	145.59	2.91	148.50	44.05	44.17	44.17	44.36	44.36	44.23	44.23	39.60	39.60	37.14	37.14	40.70	40.70	Not Gauged		Not Gauged	
7MW-03	176.98	2.33	179.31	71.53	73.20	73.20	72.75	72.75	73.20	73.20	70.45	70.45	68.54	68.54	73.30	73.30	Not Gauged		Not Gauged	
7MW-04	180.62	1.94	182.56	72.41	73.96	73.96	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
7MW-05	112.14	1.99	114.13	12.36	12.27	12.27	12.26	12.26	11.21	11.21	8.65	8.65	12.11	12.11	8.51	8.51	Not Gauged		Not Gauged	
7MW-06	108.45	-0.20	108.25	7.77	7.77	7.77	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
7MW-07	113.32	2.03	115.35	14.14	14.36	14.36	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
7MW-08	111.58	-0.25	111.33	10.65	10.90	10.90	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
7MW-09	159.16	2.18	161.34	56.93	57.05	57.05	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
7MW10	106.93	-0.19	106.74	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW			109.82	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
MTMW1			123.53	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW2			122.87	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW3			122.42	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
MTMW4			122.04	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW1			122.58	rted	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported	
AW2			121.68	rted	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	03/18/00		06/28/00		07/28/00		08/31/00		09/29/00		10/31/00		11/29/00		12/28/00		01/31/(
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
UGW-1	114.81	1.76	116.57	13.25	14.10	11.84	15.15	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
UGW-2	160.53	1.58	162.11	49.32	49.32	53.65	53.69	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
UGW-3	123.24	1.97	125.21	17.90	17.90	17.15	17.15	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
UGW-4	119.24	1.42	120.66	15.95	15.95	16.84	16.84	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
UGW-5	114.54	2.01	116.55	12.60	12.65	12.75	12.75	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
UGW-6	109.75	1.75	111.50	9.85	9.85	9.87	9.87	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
UGW-7	108.38	1.66	110.04	8.70	8.70	8.18	8.18	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
UGW-8	108.59	1.65	110.24	8.25	8.25	8.30	8.30	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
UGW-9	109.69	-0.24	109.45	8.00	8.00	8.00	8.00	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
UGW-10	109.13	1.60	110.73	10.20	10.20	9.90	9.90	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
UGW-11	108.03	1.61	109.64	9.70	9.70	9.12	9.12	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
UGW-12	112.67	1.55	114.22	9.95	17.10	10.05	17.70	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
UGW-13	112.11	1.47	113.58	10.70	17.00	10.45	17.55	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
UGW-14	118.18	1.41	119.59	15.22	15.22	16.91	16.91	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
UGW-15	110.83	1.69	112.52	11.75	11.75	11.72	11.72	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
UGW-16	112.25	1.58	113.83	12.55	12.55	12.55	12.55	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
UGW-17	110.93	1.69	112.62	10.25	13.15	10.00	14.47	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
UGW-18	113.02	1.53	114.55	12.80	12.80	12.98	12.98	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
UGW-19	111.02	1.45	112.47	10.77	11.50	10.90	11.35	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
UGW-20	109.73	2.41	112.14	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		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UG
UGW-20R	NA	NA	109.15	8.75	8.75	8.92	8.92	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
UGW-21	111.15	2.26	113.41	11.90	13.20	11.91	13.11	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
UGW-22	113.10	-2.80	110.30	Not Gauged		Blocked by asphalt		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
UGW-23	166.97	2.41	169.38	62.75	62.75	64.50	64.50	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
UGW-24	176.96	2.04	179.00	70.75	70.75	73.34	73.34	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
UGW-25	151.65	2.52	154.17	46.55	47.75	48.55	49.85	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
UGW-26	111.09	-0.30	110.79	8.90	8.90	8.60	8.60	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
UGW27	127.77	1.59	129.36	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW28	124.54	2.47	127.01	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW31	142.66	2.31	144.97	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW32	185.74	2.83	188.57	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW33	211.56	2.92	214.48	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
UGW34	188.61	2.67	191.28	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
PW-1	113.78	1.60	115.38	10.25	10.25	9.45	9.45	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
PW-2	113.46	2.23	115.69	11.50	12.40	11.56	11.56	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
PW-3	115.14	2.19	117.33	Not Gauged		13.45	13.54	Not Gauged		Not Gauged		13.50	13.50	8.00	8.00	10.20	10.20	9.80	10.15	10.30
PW-4	113.51	2.14	115.65	Damaged		10.45	11.50	Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damag
PW-5	114.90	2.52	117.42	14.60	14.60	12.78	13.42	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
PW-6	115.48	2.21	117.69	6.50	19.50	Not Gauged		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
MW-1	113.69	2.25	115.94	11.05	11.65	11.05	11.60	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
MW-2	113.56	2.00	115.56	11.25	11.25	11.35	11.35	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
MW-3	115.21	2.01	117.22	10.40	10.80	9.40	9.55	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
MW-4	114.35	2.21	116.56	11.92	12.62	Damaged		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
RW-1	121.25	-0.70	120.55	16.40	16.70	16.50	17.20	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
RW-2	118.85	-0.84	118.01	Not Gauged		13.05	13.05	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

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	03/18/00		06/28/00		07/28/00		08/31/00		09/29/00		10/31/00		11/29/00		12/28/00		01/31/(
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
RW-3	(see UGW-22)			(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW
RW-4	111.96	-0.87	111.09	8.60	8.60	8.74	8.74	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
RW-5	111.87	-1.52	110.35	7.60	7.70	8.80	12.70	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
RW-6	111.45	-1.63	109.82	8.15	8.15	8.27	8.27	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
RW-7	111.22	-2.63	108.59	6.80	6.80	7.10	7.10	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
RW-8	111.50	-1.61	109.89	8.50	8.70	8.50	8.53	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
GW-01	108.94	2.58	111.52	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
GW-02	112.06	1.88	113.94	10.75	10.75	11.02	11.02	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
GW-03	111.39	2.01	113.40	10.75	10.75	10.97	10.97	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
GW-04	111.00	2.06	113.06	9.10	9.10	9.80	9.80	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
GW-05	108.75	(Clogged)		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gau
GW-06	108.90	2.05	110.95	8.50	8.50	8.60	8.60	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
470-MW1	130.13	3.01	133.14	28.85	29.20	29.55	29.87	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
470-MW3	120.63	2.52	123.15	20.10	20.10	20.52	20.52	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
7MW-01A	125.78	2.63	128.41	25.75	25.75	25.65	25.65	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
7MW-02A	145.59	2.91	148.50	42.31	42.31	43.88	43.88	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
7MW-03	176.98	2.33	179.31	67.50	67.50	71.42	71.42	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
7MW-04	180.62	1.94	182.56	74.90	74.90	77.40	77.40	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
7MW-05	112.14	1.99	114.13	Not Gauged		12.37	12.37	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
7MW-06	108.45	-0.20	108.25	7.85	7.85	7.80	7.80	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
7MW-07	113.32	2.03	115.35	14.10	14.10	14.11	14.11	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
7MW-08	111.58	-0.25	111.33	8.75	8.75	10.20	10.20	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
7MW-09	159.16	2.18	161.34	55.30	55.30	56.77	56.77	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
7MW10	106.93	-0.19	106.74	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW11	109.23	-0.21	109.02	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW12	108.14	-0.19	107.95	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW13	108.60	-0.21	108.39	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW14	106.61	-0.02	106.59	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW15	111.50	2.67	114.17	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW16	118.19	2.38	120.57	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW17	144.60	3.04	147.64	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW18	173.07	2.24	175.31	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW19	214.33	2.49	216.82	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
7MW20	110.88	2.37	113.25	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Insta
Trench MW			109.82	Not Installed		Not Installed		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
MTMW1			123.53	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		18.65
MTMW2			122.87	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		18.35
MTMW3			122.42	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		17.55
MTMW4			122.04	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		18.75
AW1			122.58	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		17.40
AW2			121.68	Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		Not Reported		17.80

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	01	02/28/01		03/30/01		04/30/01		05/31/01		06/30/01		07/31/01		08/31/01		09/28/01	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
UGW-1	114.81	1.76	116.57	15.40	12.65	14.95	12.80	15.15	Not Gauged		14.10	16.00	14.10	16.00	13.25	13.37	13.36	13.46	11.13	11.91
UGW-2	160.53	1.58	162.11	56.50	56.70	56.70	57.00	57.00	56.10	56.10	56.15	56.15	57.40	59.70	57.56	58.08	57.81	58.08	57.70	58.08
UGW-3	123.24	1.97	125.21	21.20	21.35	21.35	21.95	21.95	Not Gauged		13.90	13.95	22.30	22.35	22.41	23.30	22.55	23.69	21.98	22.98
UGW-4	119.24	1.42	120.66	17.40	17.25	17.25	17.45	17.45	17.20	17.20	17.10	17.10	17.15	17.15	17.25	17.31	16.63	16.64	16.26	16.26
UGW-5	114.54	2.01	116.55	13.30	12.80	12.80	12.90	12.90	11.15	11.15	11.10	11.10	12.65	12.75	12.64	12.69	12.76	12.76	11.96	11.96
UGW-6	109.75	1.75	111.50	9.85	9.70	9.70	9.85	9.85	9.60	9.60	9.60	9.60	9.70	9.70	9.69	9.69	8.79	8.79	9.33	9.33
UGW-7	108.38	1.66	110.04	8.10	7.80	7.80	8.10	8.10	7.85	7.85	7.80	7.80	8.05	8.05	8.15	8.15	7.15	7.15	7.53	7.53
UGW-8	108.59	1.65	110.24	8.35	8.10	8.10	8.20	8.20	9.00	9.00	8.90	8.90	7.90	7.90	7.84	7.84	6.93	6.93	7.43	7.43
UGW-9	109.69	-0.24	109.45	6.05	5.10	5.10	4.70	4.70	3.90	3.90	4.00	4.00	4.20	4.20	4.02	4.02	3.54	3.54	3.88	3.88
UGW-10	109.13	1.60	110.73	10.00	9.85	9.85	10.00	10.00	9.90	9.90	9.90	9.90	9.80	9.80	9.77	9.77	9.12	9.12	9.53	9.53
UGW-11	108.03	1.61	109.64	9.05	9.00	9.00	9.10	9.10	9.00	9.00	9.05	9.05	8.95	8.95	8.93	8.93	7.52	7.52	8.67	8.67
UGW-12	112.67	1.55	114.22	17.35	9.96	16.75	10.10	14.55	10.30	12.45	10.10	15.30	10.50	15.65	10.52	14.04	10.90	12.28	9.55	13.50
UGW-13	112.11	1.47	113.58	17.35	10.65	17.30	10.80	15.50	10.00	15.10	10.60	17.55	10.70	17.15	10.71	16.72	10.76	16.85	10.02	18.32
UGW-14	118.18	1.41	119.59	16.55	16.30	16.30	15.45	15.45	16.25	16.25	16.30	16.30	16.30	16.30	16.32	16.32	15.76	15.76	15.31	15.31
UGW-15	110.83	1.69	112.52	11.85	11.15	11.15	10.80	10.80	11.75	11.75	11.60	11.60	11.16	11.16	11.65	11.65	11.35	11.35	11.32	11.32
UGW-16	112.25	1.58	113.83	11.70	11.40	11.40	11.40	11.40	11.20	11.20	11.25	11.25	11.25	11.25	11.16	11.16	10.32	10.32	11.00	11.00
UGW-17	110.93	1.69	112.62	13.90	10.45	13.35	10.50	13.55	10.65	12.35	10.65	12.35	10.70	12.10	10.72	11.54	10.90	11.42	10.33	11.87
UGW-18	113.02	1.53	114.55	11.41	10.85	10.85	10.70	10.70	10.60	10.60	10.60	10.60	10.50	10.50	10.44	10.44	9.98	9.98	10.30	10.30
UGW-19	111.02	1.45	112.47	12.20	11.00	11.90	11.20	12.20	10.00	10.95	11.00	11.85	11.00	11.70	10.85	11.70	10.97	11.67	10.80	11.03
UGW-20	109.73	2.41	112.14	W-20R	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		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R		Rplc'd w/UGW-20R	
UGW-20R	NA	NA	109.15	11.95	11.80	11.80	7.90	7.90	8.20	8.20	8.10	8.10	7.50	7.50	8.42	8.42	7.48	7.48	8.10	8.10
UGW-21	111.15	2.26	113.41	14.30	11.90	14.25	11.90	14.21	10.10	11.80	12.20	12.65	9.00	14.10	11.67	14.18	12.07	13.21	12.30	12.30
UGW-22	113.10	-2.80	110.30	4.90	7.15	7.15	7.25	7.25	6.30	6.30	6.30	6.30	See RW-3		7.16	7.16	7.46	7.46	5.75	5.75
UGW-23	166.97	2.41	169.38	65.70	65.55	65.55	65.70	65.70	65.70	65.70	65.65	65.65	65.75	65.75	65.82	65.82	65.84	65.84	64.19	64.19
UGW-24	176.96	2.04	179.00	74.60	74.10	74.10	75.50	75.50	75.80	75.80	75.65	75.65	76.10	76.10	76.34	76.34	76.56	76.56	76.12	76.12
UGW-25	151.65	2.52	154.17	51.40	50.15	51.80	50.60	52.30	Not Gauged		50.65	52.45	51.10	52.90	51.32	53.17	51.50	53.43	50.87	52.57
UGW-26	111.09	-0.30	110.79	8.40	7.85	7.85	7.80	7.80	9.10	9.10	9.00	9.00	7.46	7.46	7.38	7.38	7.21	7.21	7.11	7.11
UGW27	127.77	1.59	129.36	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW28	124.54	2.47	127.01	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW31	142.66	2.31	144.97	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW32	185.74	2.83	188.57	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW33	211.56	2.92	214.48	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
UGW34	188.61	2.67	191.28	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
PW-1	113.78	1.60	115.38	11.30	9.58	9.58	10.75	10.75	12.65	12.65	12.30	12.30	10.25	10.25	10.42	10.42	10.53	10.53	8.75	8.75
PW-2	113.46	2.23	115.69	11.50	11.80	12.20	12.55	12.85	12.30	12.65	11.70	11.70	11.90	12.05	11.91	11.98	12.01	12.09	10.84	10.90
PW-3	115.14	2.19	117.33	10.70	10.20	10.50	10.20	10.60	Not Gauged		13.30	14.80	13.90	14.00	14.61	15.02	14.53	14.83	11.80	12.03
PW-4	113.51	2.14	115.65	ed	Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged		Damaged	
PW-5	114.90	2.52	117.42	13.55	13.65	14.40	13.50	14.25	Not Gauged		14.30	15.60	13.70	13.85	14.58	14.64	14.32	14.41	11.03	11.14
PW-6	115.48	2.21	117.69	13.55	12.40	13.15	12.50	13.30	Not Gauged		12.70	14.50	12.30	13.15	12.28	13.31	12.22	13.25	9.89	10.43
MW-1	113.69	2.25	115.94	12.25	11.50	11.90	11.67	12.25	12.25	12.50	11.40	11.45	11.40	11.65	11.57	11.71	11.71	11.78	10.24	10.45
MW-2	113.56	2.00	115.56	10.85	11.60	11.60	11.80	11.80	9.81	9.81	10.00	10.00	11.60	11.60	11.60	11.60	11.73	11.73	10.56	10.56
MW-3	115.21	2.01	117.22	15.40	13.90	14.15	14.05	14.25	Not Gauged		10.60	11.15	9.90	10.25	10.69	11.07	10.58	10.88	6.93	7.00
MW-4	114.35	2.21	116.56	13.40	12.10	13.20	12.25	13.45	Not Gauged		12.80	13.50	12.05	12.40	12.47	12.51	12.45	12.70	8.95	8.95
RW-1	121.25	-0.70	120.55	20.10	16.50	20.00	16.30	20.60	Not Gauged		16.70	18.60	16.70	19.60	16.86	18.71	15.81	15.81	16.00	16.48
RW-2	118.85	-0.84	118.01	14.45	13.20	13.20	13.95	13.95	10.10	10.10	10.00	10.00	14.10	14.10	14.31	14.34	0.50	0.50	12.87	12.87

TABLE 1

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

Well	Ground Elevation	WELL RISER	Reference Point	01	02/28/01		03/30/01		04/30/01		05/31/01		06/30/01		07/31/01		08/31/01		09/28/01	
Number	ft NGVD + 100 ft	HEIGHT IN FT	Elevation	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water	Product	Water
RW-3	(see UGW-22)			-22)	(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)		(see UGW-22)	
RW-4	111.96	-0.87	111.09	6.80	7.45	7.45	7.60	7.60	5.50	5.50	5.30	5.30	6.15	6.15	7.02	7.02	6.60	6.60	6.78	6.78
RW-5	111.87	-1.52	110.35	11.20	8.60	11.30	7.70	13.30	13.00	15.20	8.20	8.20	7.85	8.00	7.62	12.24	7.90	11.52	8.00	9.10
RW-6	111.45	-1.63	109.82	8.30	8.30	8.30	8.40	8.40	7.50	7.50	7.40	7.40	8.10	8.10	8.13	8.13	8.24	8.24	7.82	7.82
RW-7	111.22	-2.63	108.59	6.90	7.00	7.00	7.25	7.25	5.80	5.80	5.75	5.75	6.70	6.70	6.98	6.98	7.91	7.91	6.95	6.95
RW-8	111.50	-1.61	109.89	9.10	8.70	8.90	8.85	8.85	8.10	8.35	6.70	6.71	8.70	8.70	8.58	8.58	9.69	9.69	8.45	8.45
GW-01	108.94	2.58	111.52	ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW-02	112.06	1.88	113.94	11.40	10.60	10.60	11.35	11.35	10.90	10.90	10.85	10.85	11.15	11.15	11.18	11.18	11.21	11.21	10.55	10.55
GW-03	111.39	2.01	113.40	10.90	11.20	11.20	10.60	10.60	10.60	10.60	10.65	10.65	10.40	10.40	10.35	10.35	10.38	10.38	9.86	9.86
GW-04	111.00	2.06	113.06	10.00	10.40	10.40	9.40	9.40	7.55	7.55	7.70	7.70	9.05	9.05	8.92	8.92	7.77	7.77	8.50	8.50
GW-05	108.75	(Clogged)		ged	Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged		Not Gauged	
GW-06	108.90	2.05	110.95	9.45	9.15	9.15	9.25	9.25	8.95	8.95	9.00	9.00	8.95	8.95	8.87	8.87	8.56	8.56	8.54	8.54
470-MW1	130.13	3.01	133.14	30.10	29.90	30.00	30.05	30.05	29.90	29.90	28.30	28.30	29.90	30.40	30.05	30.51	30.25	30.43	28.76	28.91
470-MW3	120.63	2.52	123.15	20.80	20.70	20.70	20.75	20.75	20.60	20.60	23.40	23.40	20.55	20.55	20.59	20.59	20.61	20.61	19.94	19.94
7MW-01A	125.78	2.63	128.41	26.00	25.85	25.85	27.78	27.78	25.30	25.30	25.15	25.15	25.80	25.80	25.85	25.85	25.89	25.89	25.22	25.22
7MW-02A	145.59	2.91	148.50	45.00	44.80	44.80	45.00	45.00	44.90	44.90	44.95	44.95	44.95	44.95	45.02	45.02	45.06	45.06	46.28	46.28
7MW-03	176.98	2.33	179.31	74.15	74.35	74.35	74.65	74.65	74.85	74.85	74.80	74.80	75.25	75.25	75.35	75.35	75.44	75.44	74.80	74.80
7MW-04	180.62	1.94	182.56	78.70	78.95	78.95	79.40	79.40	79.60	79.60	79.60	79.60	79.90	79.90	80.17	80.17	80.34	80.34	79.84	79.84
7MW-05	112.14	1.99	114.13	12.85	12.70	12.70	12.95	12.95	12.75	12.75	12.70	12.70	12.80	12.80	12.86	12.86	12.88	12.88	12.32	12.32
7MW-06	108.45	-0.20	108.25	7.75	7.70	7.70	7.85	7.85	7.60	7.60	7.55	7.55	7.45	7.45	7.44	7.44	6.60	6.60	7.56	7.56
7MW-07	113.32	2.03	115.35	13.95	14.00	14.00	14.15	14.15	13.75	13.75	13.95	13.95	14.00	14.00	13.82	13.82	11.20	11.20	13.62	13.62
7MW-08	111.58	-0.25	111.33	10.75	10.10	10.10	10.50	10.50	9.90	9.90	10.20	10.20	10.15	11.81	10.10	11.62	7.32	9.36	10.18	10.85
7MW-09	159.16	2.18	161.34	56.85	57.67	57.67	57.80	57.80	57.70	57.70	57.85	57.85	57.85	57.85	57.87	57.87	57.90	57.90	56.34	56.34
7MW10	106.93	-0.19	106.74	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW11	109.23	-0.21	109.02	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW12	108.14	-0.19	107.95	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW13	108.60	-0.21	108.39	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW14	106.61	-0.02	106.59	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW15	111.50	2.67	114.17	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW16	118.19	2.38	120.57	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW17	144.60	3.04	147.64	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW18	173.07	2.24	175.31	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW19	214.33	2.49	216.82	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
7MW20	110.88	2.37	113.25	lled	Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed		Not Installed	
Trench MW			109.82	8.75	8.53	8.54	8.70	8.70	8.20	8.20	7.30	7.35	8.19	8.25	8.19	8.25	8.34	8.37	7.16	7.17
MTMW1			123.53	22.25	18.90	22.80	20.75	21.30	Flooded		19.45	23.20	19.80	23.80	20.10	24.07	20.26	24.31	19.70	23.10
MTMW2			122.87	23.30	18.35	23.15	19.35	22.10	Flooded		18.25	23.40	18.25	23.40	18.35	23.46	18.39	23.47	17.30	22.30
MTMW3			122.42	21.90	17.90	22.10	19.70	20.05	Flooded		18.50	22.05	18.90	22.40	19.17	22.78	19.55	22.92	18.72	20.92
MTMW4			122.04	23.40	17.90	22.70	19.10	21.60	Flooded		17.70	22.70	18.90	22.95	17.95	22.98	18.02	22.94	16.92	21.57
AW1			122.58	22.15	18.10	21.85	20.10	20.85	Flooded		18.70	22.10	18.95	22.90	19.31	22.64	19.55	22.62	19.05	20.86
AW2			121.68	22.00	17.60	21.65	23.35	25.50	Flooded		17.95	21.65	17.54	22.05	17.59	21.96	17.65	21.22	16.74	19.92

TABLE 2

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

Well Number	#######	#######	#######	#######	#######	#######	#######	9/3/1997	#######	########	########	########
UGW-1	2.36	2.40	2.40	2.56	2.62	2.59	2.55	2.93	2.69	2.71	2.77	2.72
UGW-2	0.00	0.00	0.00	0.18	0.27	0.31	0.27	0.62	0.35	0.12	0.00	0.01
UGW-3	6.10	5.96	6.16	0.00	0.00	0.00	5.03	5.30	5.05	4.05	5.01	4.30
UGW-4	11.31	11.31	11.32	9.82	9.71	9.72	9.41	10.10	9.38	9.75	9.66	9.59
UGW-5	2.35	0.30	0.41	0.35	0.37	0.36	0.19	1.00	0.24	0.05	0.10	0.22
UGW-6	(1)	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-9	0.00	0.00	0.00	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00
UGW-10	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-12	9.19	9.00	8.59	8.49	8.37	8.35	8.22	8.61	7.95	10.38	9.25	9.18
UGW-13	7.67	7.57	7.70	6.16	6.58	6.34	7.40	7.96	6.36	10.12	7.30	7.43
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-15	0.00	0.00	0.00	2.92	2.41	2.54	0.00	0.00	0.00	0.00	0.00	0.00
UGW-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	4.80	4.82	4.70	4.05	4.18	4.03	4.70	5.00	4.49	6.51	6.79	7.31
UGW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-19	3.75	3.74	3.70	(1)	0.00	0.00	2.42	4.95	2.67	0.33	1.93	1.08
UGW-20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-20R	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW-21	2.15	2.14	2.00	1.74	1.78	1.93	2.04	3.10	2.17	2.12	2.08	2.20
UGW-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(1)	0.00	0.00	0.00
UGW-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-25	1.58	1.11	1.56	1.82	1.98	2.02	1.94	2.90	2.17	1.82	1.77	1.62
UGW-26	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)
PW-1	0.00	0.00	0.00	0.12	0.14	0.07	0.07	0.35	0.07	0.77	0.11	0.79
PW-2	0.86	0.70	0.88	1.21	1.37	1.33	1.09	1.48	1.02	0.63	0.60	0.72
PW-3	3.67	4.22	3.70	5.96	6.39	6.57	6.98	7.98	7.62	8.75	9.12	9.76
PW-4	1.74	1.74	1.75	2.38	2.98	2.64	2.67	3.48	3.12	3.36	3.37	3.47
PW-5	5.10	5.79	5.09	7.03	7.25	7.35	7.40	7.95	7.78	8.17	8.40	8.85
PW-6	10.72	10.93	10.67	10.01	9.92	9.78	9.83	10.11	9.79	13.18	11.86	13.20
MW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00
MW-2	0.00	0.00	0.00	0.17	0.29	0.30	0.03	0.60	0.81	0.00	0.00	0.00
MW-3	2.27	2.50	2.25	3.16	3.31	3.36	3.69	4.30	4.21	4.22	4.49	4.63
MW-4	2.30	2.30	2.32	2.13	2.40	2.42	1.94	2.40	2.47	3.32	2.96	3.24
RW-1	8.10	2.98	5.99	7.41	7.43	7.38	7.18	7.78	7.55	0.83	2.88	1.02
RW-2	0.90	0.45	0.39	1.43	0.09	0.47	0.00	0.00	(1)	0.00	0.00	(1)
RW-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(1)	0.00	0.00	0.00
RW-4	0.57	0.00	0.76	3.10	0.10	0.53	0.01	0.21	(1)	0.00	0.00	0.00
RW-5	0.26	0.55	2.23	5.64	1.15	4.42	0.12	0.95	(1)	0.20	0.07	0.11
RW-6	0.17	0.17	0.20	0.22	0.21	0.23	0.00	1.09	0.00	0.00	0.00	0.00
RW-7	2.52	0.37	2.67	2.62	0.69	1.99	0.00	2.10	0.94	0.26	0.00	0.00

TABLE 2

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

Well Number	#######	#######	#######	#######	#######	#######	#######	9/3/1997	#######	########	########	########
RW-8	0.31	0.25	0.02	0.23	0.83	2.49	0.13	2.25	0.19	0.04	0.00	0.00
GW-01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	(1)
GW-02	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-04	(1)	(1)	(1)	(1)	(1)	0.30	0.06	0.55	0.29	0.30	0.18	0.28
GW-05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	(1)	(1)
GW-06	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	(1)	(1)	(1)	(1)	(1)	0.30	0.20	1.10	0.29	0.08	0.29	0.28
470-MW3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00	(1)
7MW-01A	(2)	(2)	(2)	(2)	(2)	(1)	(1)	0.00	0.00	0.00	0.00	0.00
7MW-02A	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-03	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW-04	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW-05	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	(1)	(1)
7MW-06	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW-07	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW-08	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW-09	(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: UGW-22 & RW-3 are the same well
470-MW-2 is an unknown location
1995-MW-4 refusal at 6.85 (sand/trash)
GW-05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW-22
(4) Data not included

TABLE 2

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

Well Number	#######	#######	#######	######	6/3/1998	7/7/1998	8/12/1998	#########	12/9/1998	1/25/1999	2/23/1999
UGW-1	2.80	2.80	2.79	2.75	2.77	2.78	0.61	1.40	1.39	1.70	1.68
UGW-2	0.00	0.00	0.04	0.16	0.42	0.52	0.62	0.00	0.00	0.00	0.00
UGW-3	4.05	3.97	3.95	2.04	2.02	2.00	0.57	0.55	0.56	0.00	Blocked
UGW-4	10.23	10.21	10.21	0.05	0.01	0.03	0.02	0.01	0.01	0.00	0.00
UGW-5	0.20	0.21	0.06	0.00	0.16	0.21	0.34	0.25	0.24	0.30	0.20
UGW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
UGW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
UGW-9	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.00
UGW-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.00	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-12	8.86	8.47	8.19	8.12	7.74	7.75	7.58	9.70	11.25	8.66	8.01
UGW-13	7.48	1.87	6.45	6.94	2.26	6.75	6.79	10.95	12.30	8.80	7.42
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
UGW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
UGW-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	7.70	7.52	6.00	2.08	2.28	2.53	1.39	3.85	6.82	9.69	6.16
UGW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-19	1.64	2.12	2.25	1.63	2.47	2.32	2.20	1.36	1.37	1.17	1.25
UGW-20	0.00	0.00	0.00	0.00	destroyed	destroyed	destroyed	destroyed	destroyed	destroyed	(3)
UGW-20R	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	0.00
UGW-21	3.02	2.37	2.39	2.21	2.26	2.14	2.03	2.90	2.63	2.90	2.14
UGW-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-25	1.51	1.56	1.66	2.04	1.74	1.75	1.82	0.00	0.00	0.00	Blocked
UGW-26	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)
PW-1	0.11	0.16	0.19	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00
PW-2	0.73	0.75	0.80	0.86	0.87	0.97	1.08	1.30	1.59	1.65	1.71
PW-3	9.95	9.80	9.77	9.85	9.85	9.84	7.71	9.53	9.88	0.85	0.90
PW-4	3.55	3.62	3.66	3.77	3.73	3.89	0.18	Flooded	0.00	Overflow	Pump
PW-5	8.97	8.95	8.85	8.88	8.92	8.92	6.70	7.37	7.37	1.12	1.29
PW-6	12.44	11.67	10.92	10.68	10.57	9.39	1.13	0.00	0.00	0.10	Pump
MW-1	0.00	0.00	0.00	0.86	0.12	1.14	0.01	0.00	1.29	1.45	0.34
MW-2	0.00	0.00	0.00	0.07	0.08	0.12	0.17	0.00	0.00	0.00	0.00
MW-3	5.03	5.42	5.35	5.86	6.01	6.20	0.00	0.00	0.00	0.75	0.00
MW-4	2.92	2.45	1.97	0.51	0.53	0.72	0.55	1.20	1.24	1.30	0.90
RW-1	3.13	4.63	5.89	6.48	6.57	7.16	0.00	0.05	0.00	0.00	Blocked
RW-2	0.00	0.00	0.10	0.22	0.00	0.37	0.43	0.00	0.00	0.00	0.00
RW-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-4	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
RW-5	0.20	0.38	2.55	2.42	2.40	2.41	4.60	0.05	0.01	0.10	0.30
RW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.42	0.02	0.00	0.00
RW-7	0.00	0.00	0.00	0.03	0.00	0.00	1.37	0.40	0.15	0.35	0.10

TABLE 2

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

Well Number	#######	#######	#######	######	6/3/1998	7/7/1998	8/12/1998	#########	12/9/1998	1/25/1999	2/23/1999
RW-8	0.02	0.12	2.07	3.41	3.37	3.54	0.00	0.10	0.00	0.02	0.00
GW-01	(1)	(1)	(1)	(1)	0.01	0.02	0.00	0.00	0.00	0.00	Not found
GW-02	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
GW-04	(1)	(1)	(1)	0.00	0.02	0.02	0.22	0.08	0.06	0.00	0.06
GW-05	(1)	(1)	(1)	(1)	(1)	Debris	Debris	Debris	Debris	(1)	(1)
GW-06	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	(1)	(1)	(1)	(1)	0.11	0.23	0.23	0.00	0.20	0.19	0.30
470-MW3	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-01A	(1)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
7MW-02A	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-03	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-04	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-05	(1)	(1)	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-06	(1)	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-07	(1)	0.00	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00
7MW-08	(1)	0.00	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-09	(1)	(1)	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: UGW-22 & RW-3 are the same well
470-MW-2 is an unknown location
1995-MW-4 refusal at 6.85 (sand/trash)
GW-05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW-22
(4) Data not included

TABLE 2

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

Well Number	3/29/1999	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
UGW-1	1.74	1.73	1.71	1.77	1.80	0.01	0.05	0.30	0.10	0.10
UGW-2	0.01	0.01	0.00	0.00	0.20	0.51	0.65	0.00	(1)	0.00
UGW-3	0.00	0.00	0.00	0.00	5.90	0.64	0.72	0.57	0.65	0.00
UGW-4	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-5	0.19	0.20	0.08	0.06	0.18	0.00	(1)	0.15	0.20	0.25
UGW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-8	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-9	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
UGW-12	7.66	7.78	7.81	5.86	5.98	0.74	8.85	9.75	10.95	8.40
UGW-13	7.05	6.95	10.27	6.20	7.00	0.05	11.38	0.50	8.88	8.70
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	5.20	5.17	7.35	8.91	7.23	0.00	2.50	3.08	9.00	3.65
UGW-18	0.00	0.00	0.00	0.00	0.00	damaged	(1)	0.00	damaged	0.00
UGW-19	0.50	0.49	0.89	1.20	1.45	0.00	0.20	0.32	0.35	0.30
UGW-20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW-20R	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-21	2.37	2.23	2.67	7.69	2.37	0.40	1.28	1.36	1.25	4.15
UGW-22	0.00	0.01	0.00	0.00	0.00	0.00	(1)	0.00	Overflow	0.00
UGW-23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
UGW-25	0.00	0.00	0.00	1.35	1.52	1.45	1.50	1.20	1.60	1.10
UGW-26	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)
PW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00
PW-2	2.66	0.00	1.62	1.79	1.82	0.03	0.71	0.75	1.18	1.00
PW-3	0.90	0.01	2.35	0.16	0.20	0.02	0.10	0.10	0.00	0.04
PW-4	Clogged	Clogged	Clogged	Clogged	Clogged	damaged	damaged	damaged	damaged	damaged
PW-5	1.29	0.30	0.28	0.30	0.33	0.05	0.09	0.08	0.05	0.05
PW-6	0.05	0.06	0.20	0.16	0.15	0.10	0.60	0.80	0.00	0.00
MW-1	2.30	1.36	1.40	1.40	1.36	0.04	0.30	0.57	0.00	0.54
MW-2	0.00	0.00	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00
MW-3	0.72	0.77	0.62	0.54	0.60	0.00	0.02	0.03	0.00	0.05
MW-4	0.66	0.73	0.69	0.60	0.48	0.00	0.20	0.08	0.25	0.02
RW-1	Blocked	Blocked	Blocked	Blocked	3.20	2.43	(1)	0.23	0.15	0.00
RW-2	0.00	0.04	0.06	0.00	0.00	0.00	(1)	0.00	Overflow	0.00
RW-3	0.00	0.01	0.00	0.00	0.00	0.00	(1)	0.00	Overflow	0.00
RW-4	0.00	(1)	0.28	0.02	0.01	0.09	(1)	0.00	Overflow	0.01
RW-5	0.38	0.34	0.35	0.26	0.24	0.23	(1)	0.18	Overflow	0.05
RW-6	0.00	0.01	0.00	0.00	0.00	0.00	(1)	0.00	Overflow	0.00
RW-7	0.08	0.15	0.05	0.00	0.00	0.00	(1)	0.00	Overflow	0.00

TABLE 2

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

Well Number	3/29/1999	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
RW-8	0.08	0.15	0.50	0.21	0.39	0.40	(1)	0.21	Overflow	0.05
GW-01	0.00	0.00	0.00	0.00	0.00	(1)	(1)	(1)	(1)	(1)
GW-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-04	0.06	0.00	0.04	0.07	0.00	0.00	0.00	0.00	0.00	0.00
GW-05	(1)	(1)	(1)	(1)	0.00	(1)	(1)	(1)	(1)	(1)
GW-06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	0.00	0.28	0.00	0.22	0.18	0.19	0.20	0.41	0.30	1.02
470-MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-01A	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-02A	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW-04	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(1)	0.27
7MW-05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1)
7MW-06	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-09	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	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MTMW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Notes: UGW-22 & RW-3 are the same well
470-MW-2 is an unknown location
1995-MW-4 refusal at 6.85 (sand/trash)
GW-05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW-22
(4) Data not included

TABLE 2

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

Well Number	1/28/2000	3/18/2000	6/28/2000	7/28/2000	8/31/2000	9/29/2000	10/31/2000	11/29/2000	12/28/2000
UGW-1	0.12	0.85	3.31	3.24	1.89	2.10	2.20	2.30	2.40
UGW-2	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
UGW-3	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
UGW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
UGW-5	0.25	0.05	0.00	0.00	0.00	0.10	0.00	0.00	0.20
UGW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-12	8.34	7.15	7.65	7.45	8.00	7.35	7.35	7.40	7.30
UGW-13	8.75	6.30	7.10	6.00	9.63	7.00	6.90	7.30	7.00
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	3.75	2.90	4.47	3.88	4.55	4.20	4.30	4.40	4.10
UGW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-19	0.35	0.73	0.45	1.00	0.50	0.50	0.40	1.00	1.20
UGW-20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW-20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-21	4.19	1.30	1.20	1.85	1.60	1.70	1.45	2.00	2.05
UGW-22	0.00	(1)	Blocked	0.00	0.00	0.00	0.00	0.00	0.00
UGW-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-25	1.10	1.20	1.30	1.38	1.25	0.00	1.25	1.30	0.00
UGW-26	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)
PW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW-2	1.05	0.90	0.00	0.00	0.00	0.15	0.20	0.25	0.40
PW-3	0.05	(1)	0.09	(1)	(1)	0.00	0.00	0.00	0.35
PW-4	damaged	damaged	1.05	damaged	damaged	damaged	damaged	damaged	damaged
PW-5	0.07	0.00	0.64	0.70	0.53	0.65	0.70	0.75	0.82
PW-6	0.00	13.00	(1)	0.89	0.65	0.70	0.90	0.80	0.80
MW-1	0.55	0.60	0.55	1.10	0.26	0.55	0.35	0.70	0.65
MW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-3	0.05	0.40	0.15	0.08	0.05	0.00	0.15	0.25	0.25
MW-4	0.05	0.70	Damaged	0.64	0.55	0.00	0.84	0.85	1.00
RW-1	0.25	0.30	0.70	1.45	1.30	0.00	0.00	0.01	1.60
RW-2	0.00	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-3	0.00	(1)	Blocked	0.00	0.00	0.00	0.00	0.00	0.00
RW-4	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
RW-5	0.04	0.10	3.90	4.58	2.85	2.80	0.00	0.00	2.90
RW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-7	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	1/28/2000	3/18/2000	6/28/2000	7/28/2000	8/31/2000	9/29/2000	10/31/2000	11/29/2000	12/28/2000
RW-8	0.05	0.20	0.03	0.15	0.05	0.15	0.10	0.10	0.15
GW-01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	1.05	0.35	0.32	0.45	0.32	0.00	0.30	0.35	0.00
470-MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-02A	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-03	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-05	(1)	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-09	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)	(2)	(2)	0.00	0.00	0.00	0.00	0.00	0.00
MTMW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MTMW4	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
AW2	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

Notes: UGW-22 & RW-3 are the same well
470-MW-2 is an unknown location
1995-MW-4 refusal at 6.85 (sand/trash)
GW-05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW-22
(4) Data not included

TABLE 2

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

			3/30/2001		4/30/2001		05/31/01		06/3
Well Number	1/31/2001	2/28/2001	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)
UGW-1	2.35	2.30	2.35	0.39	(1)	(2)	1.90	0.30	1.90
UGW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30
UGW-3	0.10	0.00	0.00	0.00	(1)	0.01	0.05	0.01	0.05
UGW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
UGW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-12	7.00	6.79	4.45	0.73	5.20	0.35	5.20	0.00	5.15
UGW-13	6.30	6.65	4.70	0.77	6.95	0.84	6.95	0.00	6.45
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	3.20	2.90	3.05	0.48	1.70	0.15	1.70	0.00	1.40
UGW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-19	1.10	0.90	1.00	0.14	0.85	0.16	0.85	0.00	0.70
UGW-20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW-20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-21	2.40	2.35	2.31	0.36	0.45	0.28	0.45	0.00	5.10
UGW-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-25	1.53	1.65	1.70	0.20	(1)	(1)	1.80	0.00	1.80
UGW-26	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)
PW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW-2	0.20	0.40	0.30	0.18	0.00	0.23	0.00	0.00	0.15
PW-3	0.40	0.30	0.40	0.24	(1)	(1)	1.50	0.24	0.10
PW-4	damaged	damaged	damaged		damaged		damaged		dam
PW-5	0.80	0.75	0.75	0.12	(1)	(1)	damaged		0.15
PW-6	0.75	0.75	0.80	0.49	(1)	(1)	1.80	1.08	0.85
MW-1	0.55	0.40	0.58	0.28	0.05	0.04	0.05	0.00	0.25
MW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-3	0.25	0.25	0.20	0.03	(1)	(1)	0.55	0.29	0.35
MW-4	1.15	1.10	1.20	0.78	(1)	(1)	0.70	0.10	0.35
RW-1	3.35	3.50	4.30	2.03	(1)	(1)	1.90	0.00	2.90
RW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-3	0.00	0.00	Removed		Removed		Removed		Rem
RW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-5	2.75	2.70	5.60	3.34	0.00	1.44	0.00	0.00	0.15
RW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-7	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

			3/30/2001		4/30/2001		05/31/01		06/3
Well Number	1/31/2001	2/28/2001	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)
RW-8	0.15	0.20	0.00	0.00	0.01	0.16	0.01	0.00	0.00
GW-01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.50
470-MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.66
7MW-09	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
MTMW1	3.60	3.90	0.55	0.56	Flooded		3.75	0.00	4.00
MTMW2	4.95	4.80	2.75	0.36	Flooded		5.15	0.00	5.15
MTMW3	4.35	4.20	0.35	0.59	Flooded		3.55	0.00	3.50
MTMW4	4.65	4.80	2.50	0.41	Flooded		5.00	0.00	4.05
AW1	4.75	3.75	0.75	0.53	Flooded		3.40	0.00	3.95
AW2	4.20	4.05	2.15	0.29	Flooded		3.70	0.00	4.51

Notes: UGW-22 & RW-3 are the same well
470-MW-2 is an unknown location
1995-MW-4 refusal at 6.85 (sand/trash)
GW-05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW-22
(4) Data not included

TABLE 2

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

	0/01	07/31/01		08/31/01		09/28/01		10/29/01	
Well Number	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
UGW-1	0.30	0.12	0.01	0.10	0.01	0.78	0.00	0.75	0.12
UGW-2	0.32	0.52	0.03	0.27	0.02	0.38	0.00	0.38	0.00
UGW-3	0.00	0.89	0.15	1.14	0.18	1.00	0.16	0.12	0.02
UGW-4	0.00	0.06	0.00	0.01	0.00	0.00	0.00	0.02	0.00
UGW-5	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-12	0.76	3.52	0.58	1.38	0.20	3.95	0.65	2.86	0.44
UGW-13	1.04	6.01	0.98	6.09	0.81	8.30	1.36	5.68	0.92
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	0.22	0.82	0.13	0.52	0.08	1.54	0.25	0.35	0.06
UGW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-19	0.12	0.85	0.14	0.70	0.11	0.23	0.00	0.08	0.01
UGW-20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW-20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-21	0.62	2.51	0.37	1.14	0.16	0.00	0.00	0.54	0.08
UGW-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-25	0.00	1.85	0.78	1.93	0.25	1.70	0.60	1.80	0.65
UGW-26	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)
PW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW-2	0.10	0.07	0.02	0.08	0.01	0.06	0.04	0.09	0.06
PW-3	0.02	0.41	0.04	0.30	0.02	0.23	0.02	0.14	0.02
PW-4	aged	damaged		damaged		damaged		damaged	
PW-5	0.10	0.06	0.03	0.09	0.00	0.11	0.07	0.10	0.07
PW-6	0.56	1.03	0.39	1.03	0.50	0.54	0.22	0.24	0.07
MW-1	0.04	0.14	0.02	0.07	0.01	0.21	0.03	0.06	0.01
MW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-3	0.23	0.38	0.21	0.30	0.10	0.07	0.05	0.04	0.03
MW-4	0.06	0.04	0.01	0.25	0.04	0.00	0.00	0.23	0.04
RW-1	1.77	1.85	1.21	0.00	0.35	0.48	0.26	0.79	0.52
RW-2	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-3	oved	Removed		Removed		Removed		Removed	
RW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-5	0.00	4.62	2.74	3.62	1.80	1.10	0.68	2.10	1.31
RW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-7	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

	0/01	07/31/01		08/31/01		09/28/01		10/29/01	
Well Number	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)
RW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	0.00	0.46	0.00	0.18	0.00	0.15	0.00	0.14	0.00
470-MW3	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.00	0.02
7MW-01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-08	0.17	1.52	0.23	2.04	0.21	0.67	0.11	0.91	0.07
7MW-09	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	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
MTMW1	0.52	3.97	0.62	4.05	0.63	3.40	0.55	3.52	0.58
MTMW2	0.84	5.11	0.79	5.08	0.76	5.00	0.79	4.79	0.72
MTMW3	0.56	3.61	0.55	3.37	0.53	2.20	0.34	2.32	0.35
MTMW4	0.59	5.03	0.81	4.92	0.71	4.65	0.73	4.88	0.80
AW1	0.44	3.33	0.45	3.07	0.39	1.81	0.28	2.82	0.42
AW2	0.48	4.37	0.54	3.57	0.52	3.18	0.49	3.68	0.54

Notes: UGW-22 & RW-3 are the same well
470-MW-2 is an unknown location
1995-MW-4 refusal at 6.85 (sand/trash)
GW-05 full of trash
RW wells were formerly named JA wells
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UGW-22
(4) Data not included

TABLE 2

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

	11/30/01		12/31/01		01/31/02		02/28/02		03/3
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)
UGW-1	0.32	0.05	0.21	0.03	0.05	0.01	0.00	0.00	0.00
UGW-2	0.11	0.00	0.00	0.00	0.18	0.03	0.26	0.04	0.24
UGW-3	0.11	0.02	0.03	0.00	0.03	0.00	0.00	0.00	0.00
UGW-4	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-12	0.61	0.09	1.34	0.21	0.25	0.04	0.00	0.00	0.00
UGW-13	1.22	0.20	2.40	0.39	8.49	1.39	0.13(5)	0.02	0.08
UGW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-17	0.31	0.04	0.46	0.08	0.54	0.09	0.20	0.03	0.01
UGW-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-19	0.07	0.01	0.06	0.01	0.04	0.01	0.00	0.00	0.77
UGW-20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
UGW-20R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-21	0.20	0.03	0.21	0.03	0.11	0.02	0.00	0.00	0.27
UGW-22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UGW-25	1.81	1.11	1.63	1.05	1.72	0.93	1.70(5)	0.78	1.78
UGW-26	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)	0.00	0.00	0.00
UGW28	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00
UGW31	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00
UGW32	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00
UGW33	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00
UGW34	(1)	(1)	(1)	(1)	(1)	(1)	0.00	0.00	0.00
PW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PW-2	0.06	0.03	0.00	0.00	0.32	0.18	0.37	0.24	0.21
PW-3	0.06	0.01	0.08	0.01	0.04	0.00	0.00	0.00	0.00
PW-4	damaged		damaged		damaged		damaged		dam
PW-5	0.10	0.06	0.14	0.09	0.13	0.09	0.08	0.05	0.05
PW-6	0.11	0.04	0.00	0.00	0.02	0.01	0.00	0.00	0.00
MW-1	0.17	0.03	0.00	0.00	0.00	0.00	0.07	0.01	0.17
MW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
RW-1	0.42	0.21	0.08	0.05	0.05	0.03	0.32	0.21	0.46
RW-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-3	Removed		Removed		Removed		Removed		Rem
RW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-5	1.55	0.82	0.00	0.00	0.35	0.22	0.38	0.25	0.00
RW-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RW-7	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

	11/30/01		12/31/01		01/31/02		02/28/02		03/3
Well Number	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)	Recovered (Gallons)	Thickness (feet)
RW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-01	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GW-05	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
GW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470-MW1	0.10	0.02	0.03	0.00	0.24	0.04	0.00	0.00	0.00
470-MW3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-01A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-02A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7MW-08	1.28	0.15	1.23	0.19	0.54	0.09	0.60	0.09	1.59
7MW-09	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)	0.00	0.00	0.00
7MW11	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW12	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW13	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW14	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW15	(2)	(2)	(2)	(2)	(2)	(2)	0.15	0.00	0.18
7MW16	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW17	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW18	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW19	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.00	0.00
7MW20	(2)	(2)	(2)	(2)	(2)	(2)	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
MTMW1	3.55	0.58	3.15	0.52	3.15	0.52	3.22	0.53	3.89
MTMW2	4.72	0.77	4.59	0.75	5.02	0.82	6.60	1.08	4.59
MTMW3	0.70	0.11	1.11	0.18	1.28	0.21	0.78	0.13	0.90
MTMW4	4.86	0.78	4.69	0.77	5.98	0.98	6.68	1.10	4.43
AW1	3.05	0.50	0.11	0.02	1.44	0.24	0.00	0.00	0.00
AW2	3.49	0.57	3.41	0.56	1.05	0.17	1.17	0.19	3.67

Notes: UGW-22 & RW-3 are the s
470-MW-2 is an unknown
1995-MW-4 refusal at 6.85
GW-05 full of trash
RW wells were formerly na
(1) Well not gauged
(2) Well not installed
(3) Well replaced with UG
(4) Data not included
(5) A PSH sample was coll
collection field investig

TABLE 3
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								
	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001	9/28/2001	10/29/2001
RW-01	16.50	16.30	(1)	16.70	16.70	16.86	16.98	16.00	17.27
RW-02	(2)	(2)	(2)	(2)	(2)	14.31	14.31	(2)	(2)
RW-05	8.60	7.70	13.00	8.20	12.65	7.62	7.90	8.00	8.00
RW-08	8.70	8.85	8.10	6.70	8.70	8.58	9.69	8.45	8.51
TrenchRW	(2)	(2)	(2)	(2)	(2)	(2)	8.35	7.10	7.58
TrenchMW	(2)	(2)	(2)	(2)	(2)	(2)	8.34	7.16	7.58
UGW-1	12.65	12.80	(1)	14.10	14.10	13.25	13.36	11.13	11.90
UGW-2	(2)	(2)	(2)	(2)	(2)	57.56	57.81	57.70	57.70
UGW-3	21.35	21.95	(1)	13.90	22.30	22.41	22.55	21.98	21.91
UGW4	(2)	(2)	(2)	(2)	(2)	17.25	16.63	16.26	16.67
UGW5	(2)	(2)	(2)	(2)	(2)	12.64	12.76	11.96	12.28
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW-12	9.96	10.10	10.30	10.10	10.50	10.52	10.90	9.55	10.19
UGW-13	10.65	10.80	10.00	10.60	10.70	10.71	10.76	10.02	10.63
UGW-17	10.45	10.50	10.50	10.65	10.70	10.72	10.90	10.33	10.65
UGW-19	11.00	11.20	10.00	11.00	11.00	10.85	10.97	10.80	10.89
UGW-21	11.90	11.90	10.10	12.20	9.00	11.67	12.07	12.30	11.98
UGW-25	50.15	50.60	(1)	50.65	51.10	51.32	12.07	50.87	50.69
PW-2	11.80	12.55	12.30	11.70	11.90	11.91	12.01	10.84	11.30
PW-3	10.20	10.20	(1)	13.30	13.90	14.61	14.53	11.80	12.42
PW-5	13.65	13.50	(1)	14.30	13.70	14.58	14.32	11.03	12.10
PW-6	12.40	12.50	(1)	12.70	12.30	12.28	12.22	9.89	10.84
MW-1	11.50	11.67	12.25	11.40	11.40	11.57	11.71	10.24	10.13
MW-3	11.60	14.05	(1)	10.60	9.90	10.69	10.58	6.93	8.71
MW-4	13.90	12.25	(1)	12.80	12.05	12.47	12.45	8.95	10.62
7MW08	10.10	10.50	9.90	10.20	10.15	10.10	7.32	10.18	10.50
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470-MW1	29.90	30.05	29.90	28.30	29.90	30.05	30.25	28.76	29.02
MTMW1	(2)	19.35	(4)	19.45	19.80	20.10	20.26	19.70	19.50
MTMW2	(2)	18.45	(4)	18.25	18.25	18.35	18.39	17.30	17.75
MTMW3	(2)	18.35	(4)	18.50	18.90	19.17	19.55	18.72	18.76
MTMW4	(2)	18.00	(4)	17.70	18.90	17.95	18.02	16.92	17.36
AW1	(2)	18.50	(4)	18.70	18.95	19.31	19.55	19.05	18.66
AW2	(2)	17.65	(4)	17.95	17.54	17.59	17.65	16.74	17.09
Totals									

TABLE 3
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					
	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW-01	16.44	15.21	10.55	15.30	17.51	16.36
RW-02	(2)	(2)	(2)	(2)	(2)	(2)
RW-05	7.75	1.48	7.75	7.97	7.50	7.39
RW-08	8.28	5.18	7.95	8.32	8.80	8.11
TrenchRW	9.01	1.51	1.05	5.92	6.95	6.02
TrenchMW	9.01	1.48	1.05	5.92	6.95	6.02
UGW-1	9.40	8.79	10.00	16.80	12.09	10.43
UGW-2	57.97	57.84	56.10	55.96	56.10	56.84
UGW-3	21.89	21.17	20.30	20.30	20.92	21.40
UGW4	16.47	16.09	14.90	15.60	16.39	16.54
UGW5	11.98	9.14	11.04	11.80	12.30	12.19
UGW8	(2)	(2)	(2)	(2)	(2)	7.11
UGW-12	10.45	9.94	9.75	11.34	10.58	10.26
UGW-13	11.18	9.95	9.65	11.42(5)	11.90	11.15
UGW-17	10.43	9.06	10.18	10.38	10.93	10.17
UGW-19	10.63	7.75	8.90	10.70	11.07	10.29
UGW-21	11.78	9.24	11.49	11.88	12.37	11.52
UGW-25	50.49	49.92	49.18	49.10(5)	49.72	50.33
PW-2	11.01	9.10	9.89	10.58	11.30	11.05
PW-3	11.51	9.86	10.70	10.95	12.38	12.06
PW-5	11.47	11.17	10.40	10.80	12.29	12.43
PW-6	11.88	6.28	7.50	8.60	11.24	9.05
MW-1	9.83	9.12	9.42	9.92	10.82	10.61
MW-3	5.37	1.91	6.57	6.40	8.58	6.32
MW-4	6.92	5.11	6.72	7.43	10.63	6.33
7MW08	9.77	7.95	9.84	10.05	10.30	9.33
7MW15	(3)	(3)	(3)	(3)	(3)	8.69
470-MW1	28.89	28.86	27.17	27.72	28.38	28.81
MTMW1	19.35	18.75	18.03	18.03	18.42	18.85
MTMW2	17.78	17.31	15.58	16.30	17.52	17.84
MTMW3	18.80	18.39	17.43	17.52	18.04	18.48
MTMW4	17.27	16.91	15.12	15.84	17.14	17.41
AW1	18.65	17.84	17.41	17.68	18.31	18.02
AW2	17.04	15.54	12.37	16.33	16.74	16.99
Totals						

Notes:
(1) Data not recorded.
(2) Product not removed from well
(3) Well not installed
(4) Not gauged due to flooding of area
(5) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 3
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								
	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001	9/28/2001	10/29/01
RW-01	3.50	4.30	(1)	1.90	2.90	1.85	1.34	0.48	0.79
RW-02	(2)	(2)	(2)	(2)	(2)	0.03	0.03	(2)	(2)
RW-05	2.70	5.60	2.20	0.00	0.10	4.62	3.62	1.10	2.10
RW-08	0.20	0.01	0.25	0.01	0.00	0.00	0.00	0.00	0.00
TrenchRW	(2)	(2)	(2)	(2)	(2)	(2)	0.04	0.00	0.00
TrenchMW	(2)	(2)	(2)	(2)	(2)	(2)	0.03	0.01	0.00
UGW-1	2.30	2.35	(1)	1.90	1.90	0.12	0.10	0.78	0.75
UGW-2	(2)	(2)	(2)	(2)	(2)	0.52	0.27	0.38	0.38
UGW-3	0.00	0.00	(1)	0.05	0.05	0.89	1.14	1.00	0.12
UGW4	(2)	(2)	(2)	(2)	(2)	0.06	0.01	0.00	0.02
UGW5	(2)	(2)	(2)	(2)	(2)	0.05	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW-12	6.79	4.45	2.15	2.30	5.15	3.52	1.38	3.95	2.86
UGW-13	6.65	4.70	5.10	6.95	6.45	6.01	6.09	8.30	5.68
UGW-17	2.90	3.05	0.90	1.70	1.40	0.82	0.52	1.54	0.35
UGW-19	0.90	1.00	0.95	0.85	0.85	0.85	0.70	0.23	0.08
UGW-21	2.35	2.31	1.70	0.45	5.10	2.51	1.14	0.00	0.54
UGW-25	1.65	1.70	(1)	1.80	1.80	1.85	1.14	1.70	1.80
PW-2	0.40	0.30	0.35	0.00	0.15	0.07	0.08	0.06	0.09
PW-3	0.30	0.40	(1)	1.50	0.10	0.41	0.30	0.23	0.14
PW-5	0.75	0.75	(1)	1.30	0.15	0.06	0.09	0.11	0.10
PW-6	0.75	0.80	(1)	1.80	0.85	1.03	1.03	0.54	0.24
MW-1	0.40	0.58	0.25	0.05	0.25	0.14	0.07	0.21	0.06
MW-3	0.00	0.20	(1)	0.55	0.35	0.38	0.30	0.07	0.04
MW-4	0.25	1.20	(1)	0.70	0.35	0.04	0.25	0.00	0.23
7MW08	0.00	0.00	0.00	0.00	1.66	1.52	2.04	0.67	0.91
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470-MW1	0.00	0.00	0.00	0.00	0.50	0.46	0.18	0.15	0.14
MTMW1	(2)	3.95	(4)	3.75	4.00	3.97	4.05	3.40	3.52
MTMW2	(2)	4.95	(4)	5.15	5.15	5.11	5.08	5.00	4.79
MTMW3	(2)	3.95	(4)	3.55	3.50	3.61	3.37	2.20	2.32
MTMW4	(2)	5.00	(4)	5.00	4.05	5.03	4.92	4.65	4.88
AW1	(2)	4.00	(4)	3.40	3.95	3.33	3.07	1.81	2.82
AW2	(2)	3.90	(4)	3.70	4.51	4.37	3.57	3.18	3.68
Totals									

TABLE 3
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					
	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW-01	0.42	0.08	0.05	0.32	0.46	0.35
RW-02	(2)	(2)	(2)	(2)	(2)	(2)
RW-05	1.55	0.00	0.35	0.38	0.00	3.28
RW-08	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
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00
UGW-1	0.32	0.21	0.05	0.00	0.00	0.00
UGW-2	0.11	0.00	0.18	0.26	0.24	0.00
UGW-3	0.11	0.03	0.03	0.00	0.00	0.00
UGW4	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
UGW8	(2)	(2)	(2)	(2)	(2)	0.06
UGW-12	0.61	1.34	0.25	0.00	0.00	1.73
UGW-13	1.22	2.40	8.49	0.13(5)	0.08	0.20
UGW-17	0.31	0.46	0.54	0.20	0.01	0.00
UGW-19	0.07	0.06	0.04	0.00	0.77	0.14
UGW-21	0.20	0.21	0.11	0.00	0.27	0.07
UGW-25	1.81	1.63	1.72	1.70(5)	1.78	1.77
PW-2	0.06	0.00	0.32	0.37	0.21	0.18
PW-3	0.06	0.08	0.04	0.00	0.00	0.00
PW-5	0.10	0.14	0.13	0.08	0.05	0.04
PW-6	0.11	0.00	0.02	0.00	0.00	0.00
MW-1	0.17	0.00	0.00	0.07	0.17	0.00
MW-3	0.00	0.00	0.00	0.00	0.00	0.00
MW-4	0.00	0.00	0.00	0.00	0.18	0.00
7MW08	1.28	1.23	0.54	0.60	1.59	1.63
7MW15	(3)	(3)	(3)	(3)	(3)	0.11
470-MW1	0.10	0.03	0.24	0.00	0.00	0.00
MTMW1	3.55	3.15	3.15	3.22	3.89	3.95
MTMW2	4.72	4.59	5.02	6.60	4.59	4.03
MTMW3	0.70	1.11	1.28	0.78	0.90	0.83
MTMW4	4.86	4.69	5.98	6.68	4.43	4.04
AW1	3.05	0.11	1.44	0.00	0.00	3.43
AW2	3.49	3.41	1.05	1.17	3.67	3.51
Totals						

Notes:
(1) Data not recorded.
(2) Product not removed from well
(3) Well not installed
(4) Not gauged due to flooding of area
(5) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 3
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								
	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001	9/28/2001	10/29/2001
RW-01	(2)	2.03	0.00	0.00	1.77	1.21	0.35	0.26	0.52
RW-02	(2)	(2)	(2)	(2)	(2)	0.01	0.00	0.00	(2)
RW-05	(2)	3.34	1.44	0.00	0.00	2.74	1.80	0.68	1.31
RW-08	(2)	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
TrenchRW	(2)	(2)	(2)	(2)	(2)	(2)	0.01	0.00	0.00
TrenchMW	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.01	0.00
UGW-1	(2)	0.39	0.00	0.30	0.30	0.01	0.01	0.13	0.12
UGW-2	(2)	(2)	(2)	(2)	(2)	0.03	0.02	0.06	0.00
UGW-3	(2)	0.00	0.00	0.00	0.00	0.15	0.18	0.16	0.02
UGW4	(2)	(2)	(2)	(2)	(2)	0.01	0.00	0	0.00
UGW5	(2)	(2)	(2)	(2)	(2)	0.01	0.00	0	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW-12	(2)	0.73	0.35	0.00	0.76	0.58	0.20	0.65	0.44
UGW-13	(2)	0.75	0.84	0.00	1.04	0.98	0.81	1.36	0.92
UGW-17	(2)	0.48	0.15	0.00	0.22	0.13	0.08	0.25	0.06
UGW-19	(2)	0.15	0.16	0.00	0.12	0.14	0.11	0.04	0.01
UGW-21	(2)	0.30	0.28	0.00	0.62	0.37	0.16	0.00	0.08
UGW-25	(2)	0.72	0.00	0.00	0.00	0.78	0.25	0.60	0.65
PW-2	(2)	0.18	0.23	0.00	0.10	0.02	0.01	0.04	0.06
PW-3	(2)	0.06	0.00	0.24	0.02	0.04	0.02	0.02	0.02
PW-5	(2)	0.49	0.00	0.82	0.10	0.01	0.00	0.07	0.07
PW-6	(2)	0.49	0.00	1.08	0.56	0.39	0.50	0.22	0.01
MW-1	(2)	0.07	0.04	0.00	0.04	0.02	0.01	0.03	0.01
MW-3	(2)	0.13	0.00	0.29	0.23	0.21	0.10	0.05	0.03
MW-4	(2)	0.20	0.00	0.10	0.06	0.01	0.04	0.00	0.04
7MW08	(2)	0.00	0.00	0.00	0.17	0.23	0.21	0.11	0.07
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470-MW1	(2)	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.02
MTMW1	(2)	0.56	(4)	0.00	0.52	0.62	0.63	0.55	0.58
MTMW2	(2)	0.36	(4)	0.00	0.84	0.79	0.76	0.79	0.72
MTMW3	(2)	0.59	(4)	0.00	0.56	0.55	0.53	0.34	0.35
MTMW4	(2)	0.41	(4)	0.00	0.59	0.81	0.71	0.73	0.80
AW1	(2)	0.53	(4)	0.00	0.44	0.45	0.39	0.28	0.42
AW2	(2)	0.29	(4)	0.00	0.48	0.54	0.52	0.49	0.54
Totals	0	13.22	3.64	2.83	9.54	11.86	8.45	7.94	7.87

TABLE 3
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					
	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW-01	0.21	0.05	0.03	0.21	0.30	0.22
RW-02	(2)	(2)	(2)	(2)	(2)	(2)
RW-05	0.82	0.00	0.22	0.25	0.00	2.03
RW-08	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
TrenchMW	0.00	0.00	0.00	0.00	0.00	0.00
UGW-1	0.05	0.03	0.01	0.00	0.00	0.00
UGW-2	0.00	0.00	0.03	0.04	0.04	0.00
UGW-3	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
UGW5	0.00	0.00	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	0.01
UGW-12	0.09	0.21	0.04	0.00	0.00	0.27
UGW-13	0.20	0.39	1.39	0.02(5)	0.01	0.03
UGW-17	0.04	0.08	0.09	0.03	0.00	0.00
UGW-19	0.01	0.01	0.01	0.00	0.12	0.02
UGW-21	0.03	0.03	0.02	0.00	0.04	0.00
UGW-25	1.11	1.05	0.93	0.78(5)	0.29	0.67
PW-2	0.03	0.00	0.18	0.24	0.10	0.11
PW-3	0.01	0.01	0.00	0.00	0.00	0.00
PW-5	0.06	0.09	0.09	0.05	0.01	0.03
PW-6	0.04	0.00	0.01	0.00	0.00	0.00
MW-1	0.03	0.00	0.00	0.01	0.11	0.00
MW-3	0.00	0.00	0.00	0.00	0.00	0.00
MW-4	0.00	0.00	0.00	0.00	0.12	0.00
7MW08	0.15	0.19	0.09	0.09	0.26	0.24
7MW15	(3)	(3)	(3)	(3)	(3)	0.02
470-MW1	0.02	0.00	0.04	0.00	0.00	0.00
MTMW1	0.58	0.52	0.52	0.53	0.64	0.65
MTMW2	0.77	0.75	0.82	1.08	0.75	0.66
MTMW3	0.11	0.18	0.21	0.13	0.14	0.14
MTMW4	0.78	0.77	0.98	1.10	0.73	0.66
AW1	0.50	0.02	0.24	0.00	0.00	0.56
AW2	0.57	0.56	0.17	0.19	0.59	0.54
Totals	6.23	4.94	6.11	3.95	4.26	6.88

Notes:
(1) Data not recorded.
(2) Product not removed from well
(3) Well not installed
(4) Not gauged due to flooding of area
(5) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 3
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								
	2/28/2001	3/30/2001	4/30/2001	5/31/2001	6/30/2001	7/31/2001	8/31/2001	9/28/2001	10/29/2001
RW-01	(2)	2.03	2.03	2.03	3.79	5.00	5.35	5.61	6.13
RW-02	(2)	(2)	(2)	(2)	(2)	0.01	0.01	0.01	(2)
RW-05	(2)	3.34	4.78	4.78	4.78	7.52	9.31	9.99	11.30
RW-08	(2)	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16
TrenchRW	(2)	(2)	(2)	(2)	(2)	(2)	0.01	0.01	0.01
TrenchMW	(2)	(2)	(2)	(2)	(2)	(2)	0.00	0.01	0.01
UGW-1	(2)	0.39	0.39	0.69	0.99	1.00	1.01	1.14	1.26
UGW-2	(2)	(2)	(2)	(2)	(2)	0.03	0.05	0.11	0.11
UGW-3	(2)	0.00	0.00	0.00	0.00	0.15	0.33	0.49	0.51
UGW4	(2)	(2)	(2)	(2)	(2)	0.01	0.01	0.01	0.01
UGW5	(2)	(2)	(2)	(2)	(2)	0.01	0.01	0.01	0.01
UGW8	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
UGW-12	(2)	0.73	1.08	1.08	1.85	2.42	2.62	3.27	3.71
UGW-13	(2)	0.75	1.58	1.58	2.62	3.60	4.41	5.78	6.70
UGW-17	(2)	0.48	0.62	0.62	0.84	0.98	1.06	1.31	1.37
UGW-19	(2)	0.15	0.30	0.30	0.43	0.57	0.68	0.71	0.72
UGW-21	(2)	0.30	0.58	0.58	1.20	1.57	1.73	1.73	1.81
UGW-25	(2)	0.72	0.72	0.72	0.72	1.50	1.75	2.34	2.99
PW-2	(2)	0.18	0.41	0.41	0.50	0.52	0.54	0.58	0.64
PW-3	(2)	0.06	0.06	0.30	0.31	0.35	0.37	0.40	0.42
PW-5	(2)	0.49	0.49	1.31	1.41	1.42	1.42	1.49	1.56
PW-6	(2)	0.49	0.49	1.57	2.13	2.51	3.01	3.23	3.24
MW-1	(2)	0.07	0.11	0.11	0.15	0.17	0.18	0.22	0.23
MW-3	(2)	0.13	0.13	0.43	0.65	0.86	0.97	1.01	1.04
MW-4	(2)	0.20	0.20	0.29	0.35	0.36	0.40	0.40	0.44
7MW08	(2)	0.00	0.00	0.00	0.17	0.40	0.62	0.73	0.80
7MW15	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
470-MW1	(2)	0.00	0.00	0.00	0.00	0.03	0.04	0.06	0.08
MTMW1	(2)	0.56	0.56	0.56	1.08	1.71	2.34	2.89	3.47
MTMW2	(2)	0.36	0.36	0.36	1.21	1.99	2.75	3.54	4.26
MTMW3	(2)	0.59	0.59	0.59	1.15	1.70	2.23	2.57	2.92
MTMW4	(2)	0.41	0.41	0.41	1.00	1.81	2.52	3.25	4.05
AW1	(2)	0.53	0.53	0.53	0.98	1.42	1.82	2.09	2.52
AW2	(2)	0.29	0.29	0.29	0.76	1.31	1.83	2.32	2.86
Totals	0	13.22	16.86	19.69	29.23	41.10	49.54	57.48	65.34

TABLE 3
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					
	11/30/2001	12/31/2001	1/31/2002	2/28/2002	3/31/2002	4/30/2002
RW-01	6.34	6.39	0.03	0.24	0.54	0.76
RW-02	(2)	(2)	(2)	(2)	(2)	(2)
RW-05	12.12	12.12	0.22	0.47	0.47	2.50
RW-08	0.16	0.16	0.00	0.00	0.00	0.00
TrenchRW	0.01	0.01	0.00	0.00	0.00	0.00
TrenchMW	0.01	0.01	0.00	0.00	0.00	0.00
UGW-1	1.31	1.34	0.01	0.01	0.01	0.01
UGW-2	0.11	0.11	0.03	0.07	0.11	0.11
UGW-3	0.53	0.54	0.00	0.00	0.00	0.00
UGW4	0.01	0.01	0.00	0.00	0.00	0.00
UGW5	0.01	0.01	0.00	0.00	0.00	0.00
UGW8	(2)	(2)	(2)	(2)	(2)	0.01
UGW-12	3.80	4.01	0.04	0.04	0.04	0.31
UGW-13	6.90	7.29	1.39	1.41(5)	1.43	1.46
UGW-17	1.41	1.48	0.09	0.12	0.12	0.12
UGW-19	0.73	0.74	0.01	0.01	0.13	0.15
UGW-21	1.83	1.87	0.02	0.02	0.06	0.07
UGW-25	4.10	5.15	0.93	1.71(5)	2.01	2.67
PW-2	0.67	0.67	0.18	0.42	0.52	0.63
PW-3	0.43	0.44	0.00	0.00	0.00	0.00
PW-5	1.62	1.70	0.09	0.14	0.15	0.17
PW-6	3.28	3.28	0.01	0.01	0.01	0.01
MW-1	0.25	0.25	0.00	0.01	0.12	0.12
MW-3	1.04	1.04	0.00	0.00	0.00	0.00
MW-4	0.44	0.44	0.00	0.00	0.12	0.12
7MW08	0.95	1.14	0.09	0.18	0.44	0.68
7MW15	(3)	(3)	(3)	(3)	(3)	0.02
470-MW1	0.09	0.10	0.04	0.04	0.04	0.04
MTMW1	4.05	4.57	0.52	1.04	1.68	2.33
MTMW2	5.03	5.79	0.82	1.90	2.66	3.32
MTMW3	3.04	3.22	0.21	0.34	0.48	0.62
MTMW4	4.84	5.61	0.98	2.08	2.80	3.47
AW1	3.02	3.04	0.24	0.24	0.24	0.80
AW2	3.43	3.99	0.17	0.36	0.95	1.49
Totals	71.57	76.52	92.56	97.32	101.63	110.94

Notes:
(1) Data not recorded.
(2) Product not removed from well
(3) Well not installed
(4) Not gauged due to flooding of area
(5) A PSH sample was collected from this well during the additional data collection field investigation on 2/18/02

TABLE 4
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)
Wed - 1	0.02	Sat - 1	NR	Mon - 1	0.18	Thu - 1	0
Thu - 2	0.25	Sun - 2	NR	Tue - 2	0.04	Fri - 2	0.1
Fri - 3	0.02	Mon - 3	0	Wed - 3	0.39	Sat - 3	NR
Sat - 4	NR	Tue - 4	0.82	Thu - 4	0.09	Sun - 4	NR
Sun - 5	NR	Wed - 5	0.02	Fri - 5	0.11	Weekly Total	0.10
Weekly Total	0.29	Thu - 6	0.05	Sat - 6	NR	Mon - 5	1.07
Mon - 6	0.47	Fri - 7	0	Sun - 7	NR	Tue - 6	0.02
Tue - 7	0.01	Sat - 8	NR	Weekly Total	0.81	Wed - 7	0.34
Wed - 8	0.03	Sun - 9	NR	Mon - 8	0	Thu - 8	2.14
Thu - 9	0.19	Weekly Total	0.89	Tue - 9	0.30	Fri - 9	0.04
Fri - 10	0.22	Mon - 10	0.09	Wed - 10	0.99	Sat - 10	NR
Sat - 11	NR	Tue - 11	0	Thu - 11	0.23	Sun - 11	NR
Sun - 12	NR	Wed - 12	0	Fri - 12	0	Weekly Total	3.61
Weekly Total	0.92	Thu - 13	0	Sat - 13	NR	Mon - 12	0
Mon - 13	0.04	Fri - 14	0.48	Sun - 14	NR	Tue - 13	0
Tue - 14	0.06	Sat - 15	NR	Weekly Total	1.52	Wed - 14	0
Wed - 15	0	Sun - 16	NR	Mon - 15	0.30	Thu - 15	0
Thu - 16	0.26	Weekly Total	0.57	Tue - 16	0.59	Fri - 16	0
Fri - 17	0.07	Mon - 17	0.18	Wed - 17	0.12	Sat - 17	NR
Sat - 18	NR	Tue - 18	0.26	Thu - 18	0	Sun - 18	NR
Sun - 19	NR	Wed - 19	0	Fri - 19	0.13	Weekly Total	0.00
Weekly Total	0.43	Thu - 20	0	Sat - 20	NR	Mon - 19	0.10
Mon - 20	0.18	Fri - 21	0	Sun - 21	NR	Tue - 20	0
Tue - 21	0	Sat - 22	NR	Weekly Total	1.14	Wed - 21	0
Wed - 22	0.17	Sun - 23	NR	Mon - 22	0.46	Thu - 22	0
Thu - 23	5.16	Weekly Total	0.44	Tue - 23	0.08	Fri - 23	0
Fri - 24	0	Mon - 24	0.80	Wed - 24	0	Sat - 24	NR
Sat - 25	NR	Tue - 25	0	Thu - 25	0	Sun - 25	NR
Sun - 26	NR	Wed - 26	0	Fri - 26	0.02	Weekly Total	0.10
Weekly Total	5.51	Thu - 27	0	Sat - 27	NR	Mon - 26	0.10
Mon - 27	0	Fri - 28	0	Sun - 28	NR	Tue - 27	0
Tue - 28	0	Sat - 29	NR	Weekly Total	0.56	Wed - 28	0
Wed - 29	0.10	Sun - 30	NR	Mon - 29	0.33	Thu - 29	0
Thu - 30	0	Weekly Total	0.80	Tue - 30	0	Fri - 30	0
Fri - 31	0			Wed - 31	0	Weekly Total	0.10
Weekly Total	0.10			Weekly Total	0.33		

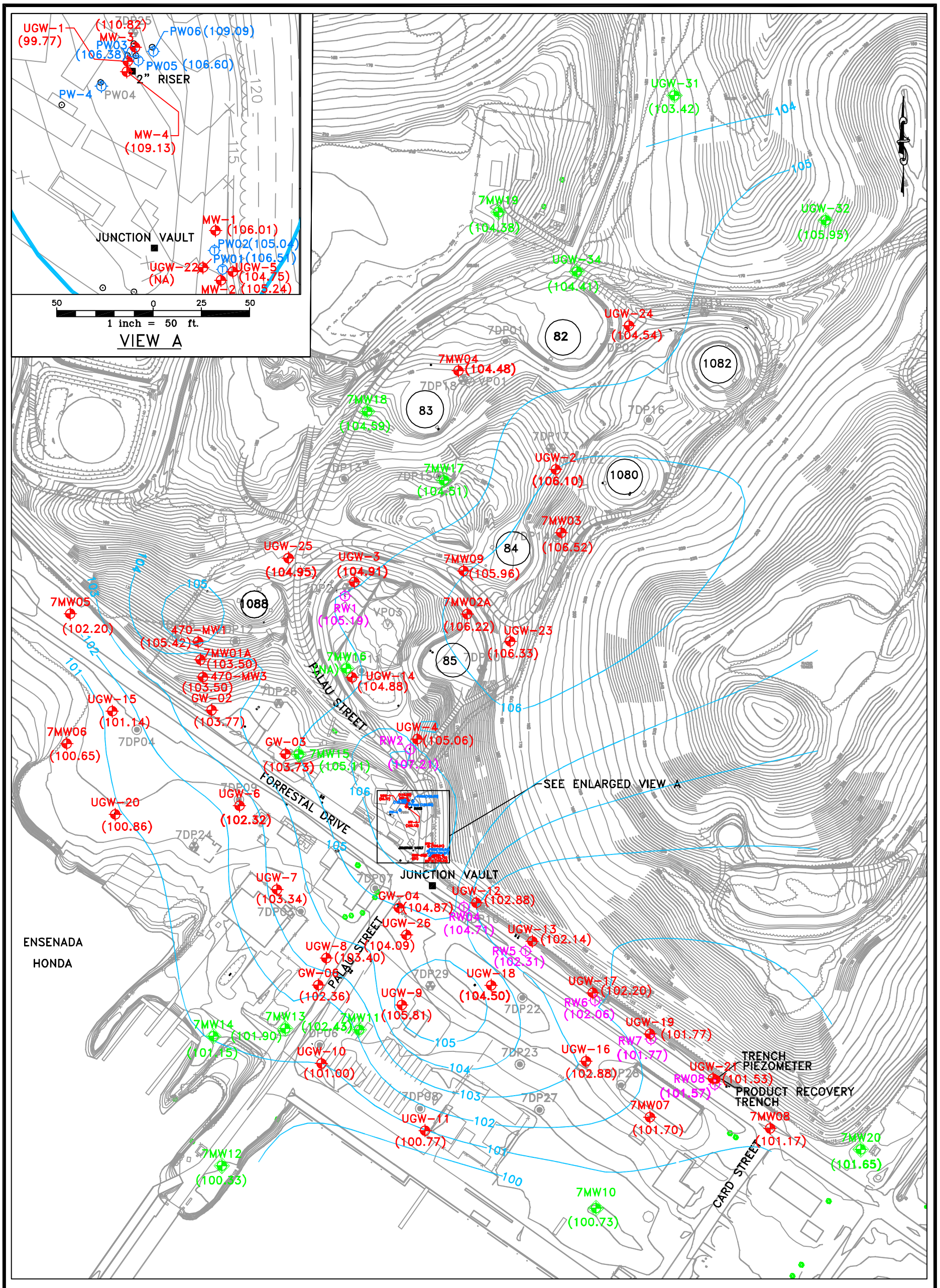
Notes: NR - Not recorded

TABLE 4
SUMMARY OF DAILY RAINFALL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION, ROOSEVELT ROADS
CEIBA, PUERTO RICO

Date Dec 2001	Rainfall (inches)	Date Jan 2002	Rainfall (inches)	Date Feb 2002	Rainfall (inches)	Date Mar 2002	Rainfall (inches)
Mon - 3	1	Tue - 1	0	Fri - 1	0.2	Fri - 1	0
Tue - 4	0	Wed - 2	0	Sat - 2	NR	Sat - 2	NR
Wed - 5	0.1	Thu - 3	0	Sun - 3	NR	Sun - 3	NR
Thu - 6	0	Fri - 4	0	Weekly Total	0.20	Weekly Total	0.00
Fri - 7	0	Sat - 5	NR	Mon - 4	0.12	Mon - 4	0.1
Sat - 8	NR	Sun - 6	NR	Tue - 5	0.05	Tue - 5	0
Sun - 9	NR	Weekly Total	0.00	Wed - 6	0	Wed - 6	0.02
Weekly Total	1.50	Mon - 7	0.8	Thu - 7	0	Thu - 7	0.35
Mon - 10	0.8	Tue - 8	0	Fri - 8	0	Fri - 8	0.43
Tue - 11	0	Wed - 9	0	Sat - 9	NR	Sat - 9	NR
Wed - 12	0.51	Thu - 10	0	Sun - 10	NR	Sun - 10	NR
Thu - 13	1.15	Fri - 11	0	Weekly Total	0.17	Weekly Total	0.90
Fri - 14	1.24	Sat - 12	NR	Mon - 11	0.4	Mon - 11	0.05
Sat - 15	NR	Sun - 13	NR	Tue - 12	0.1	Tue - 12	0.01
Sun - 16	NR	Weekly Total	0.90	Wed - 13	0	Wed - 13	0.13
Weekly Total	3.91	Mon - 14	0	Thu - 14	0	Thu - 14	0.07
Mon - 17	7.80	Tue - 15	0	Fri - 15	0.1	Fri - 15	0
Tue - 18	0	Wed - 16	0	Sat - 16	NR	Sat - 16	NR
Wed - 19	0	Thu - 17	0.1	Sun - 17	NR	Sun - 17	NR
Thu - 20	0	Fri - 18	0	Weekly Total	0.60	Weekly Total	0.26
Fri - 21	0	Sat - 19	NR	Mon - 18	0.1	Mon - 18	0.01
Sat - 22	NR	Sun - 20	NR	Tue - 19	0	Tue - 19	0
Sun - 23	NR	Weekly Total	0.10	Wed - 20	0.3	Wed - 20	0
Weekly Total	7.80	Mon - 21	0.14	Thu - 21	0	Thu - 21	0
Mon - 24	0.00	Tue - 22	0	Fri - 22	0	Fri - 22	0
Tue - 25	0	Wed - 23	0	Sat - 23	NR	Sat - 23	NR
Wed - 26	0	Thu - 24	0	Sun - 24	NR	Sun - 24	NR
Thu - 27	0	Fri - 25	0.11	Weekly Total	0.40	Weekly Total	0.01
Fri - 28	0	Sat - 26	NR	Mon - 25	0.05	Mon - 25	0.2
Sat - 29	NR	Sun - 27	NR	Tue - 26	0.01	Tue - 26	0
Sun - 30	NR	Weekly Total	0.25	Wed - 27	0.1	Wed - 27	0
Weekly Total	0.55	Mon - 28	0.5	Thu - 28	0	Thu - 28	0.08
Mon - 31	0.00	Tue - 29	0	Weekly Total	0.16	Fri - 29	0.01
Weekly Total	0.00	Wed - 30	0			Sat - 30	NR
		Thu - 31	0.33			Sun - 31	NR
		Weekly Total	0.83			Weekly Total	0.29

TABLE 4
SUMMARY OF DAILY RAINFALL MEASUREMENTS
TOW WAY FUEL FARM
NAVAL STATION, ROOSEVELT ROADS
CEIBA, PUERTO RICO

Date Apr 2002	Rainfall (inches)
Mon - 1	0.02
Tue - 2	0
Wed - 3	0.01
Thu - 4	0.01
Fri - 5	0
Sat - 6	NR
Sun - 7	NR
Weekly Total	0.04
Mon - 8	0.71
Tue - 9	0.03
Wed - 10	0.05
Thu - 11	0.07
Fri - 12	0
Sat - 13	NR
Sun - 14	NR
Weekly Total	0.86
Mon - 15	0.07
Tue - 16	3.07
Wed - 17	0.03
Thu - 18	0
Fri - 19	0
Sat - 20	NR
Sun - 21	NR
Weekly Total	3.17
Mon - 22	1.92
Tue - 23	0.6
Wed - 24	0
Thu - 25	0
Fri - 26	0.01
Sat - 27	NR
Sun - 28	NR
Weekly Total	2.53
Mon - 29	0.27
Tue - 30	0.11
Weekly Total	0.38



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

Baker

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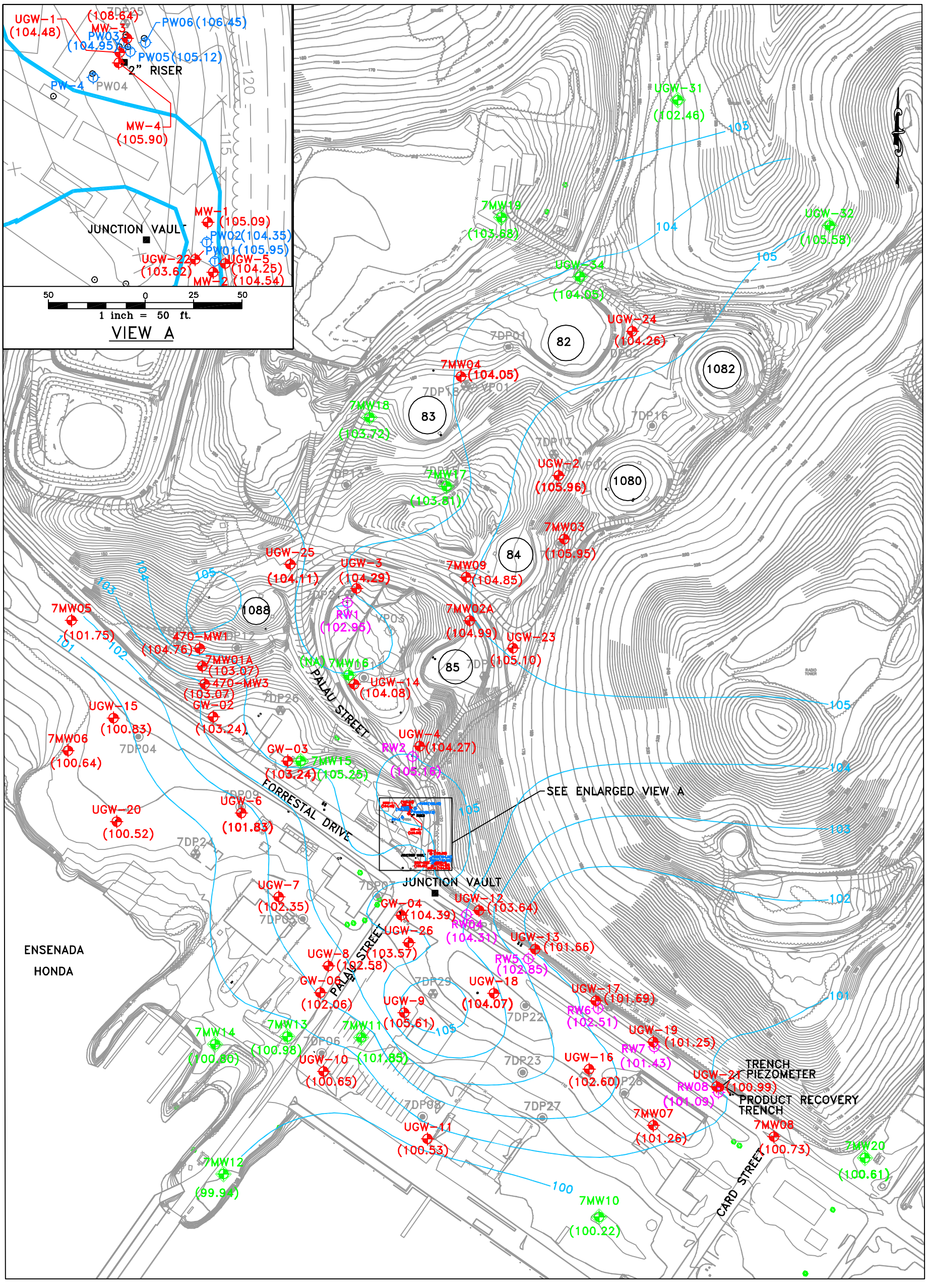
LEGEND

- MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION
- VERTICAL PERMEABILITY SAMPLE LOCATION
- SOIL BORING LOCATION
- SOIL BORING AND SOIL GAS SAMPLE LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- (101.29) – CORRECTED GROUNDWATER ELEVATION (FT.)
- (NA) – DATA NOT ANALYZED
- 101 – ELEVATION (FT.)

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 1
CORRECTED GROUNDWATER SURFACE CONTOUR MAP (FEBRUARY 2002)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO



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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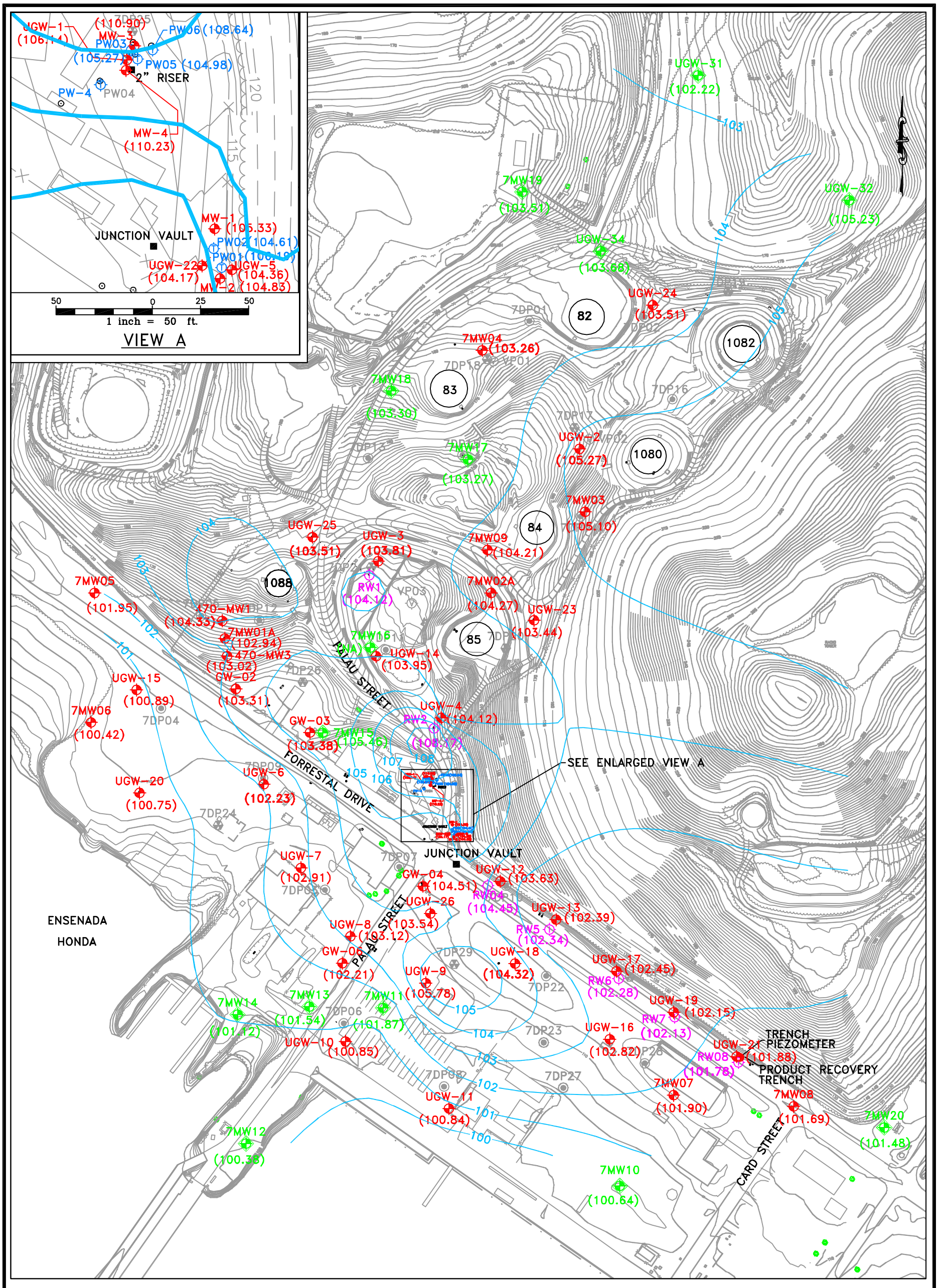
LEGEND

- MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION
- VERTICAL PERMEABILITY SAMPLE LOCATION
- SOIL BORING LOCATION
- SOIL BORING AND SOIL GAS SAMPLE LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- (101.26) – CORRECTED GROUNDWATER ELEVATION (FT.)
- (NA) – DATA NOT ANALYZED
- 101 – ELEVATION (FT.)

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 2
CORRECTED GROUNDWATER SURFACE CONTOUR MAP (MARCH 2002)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO



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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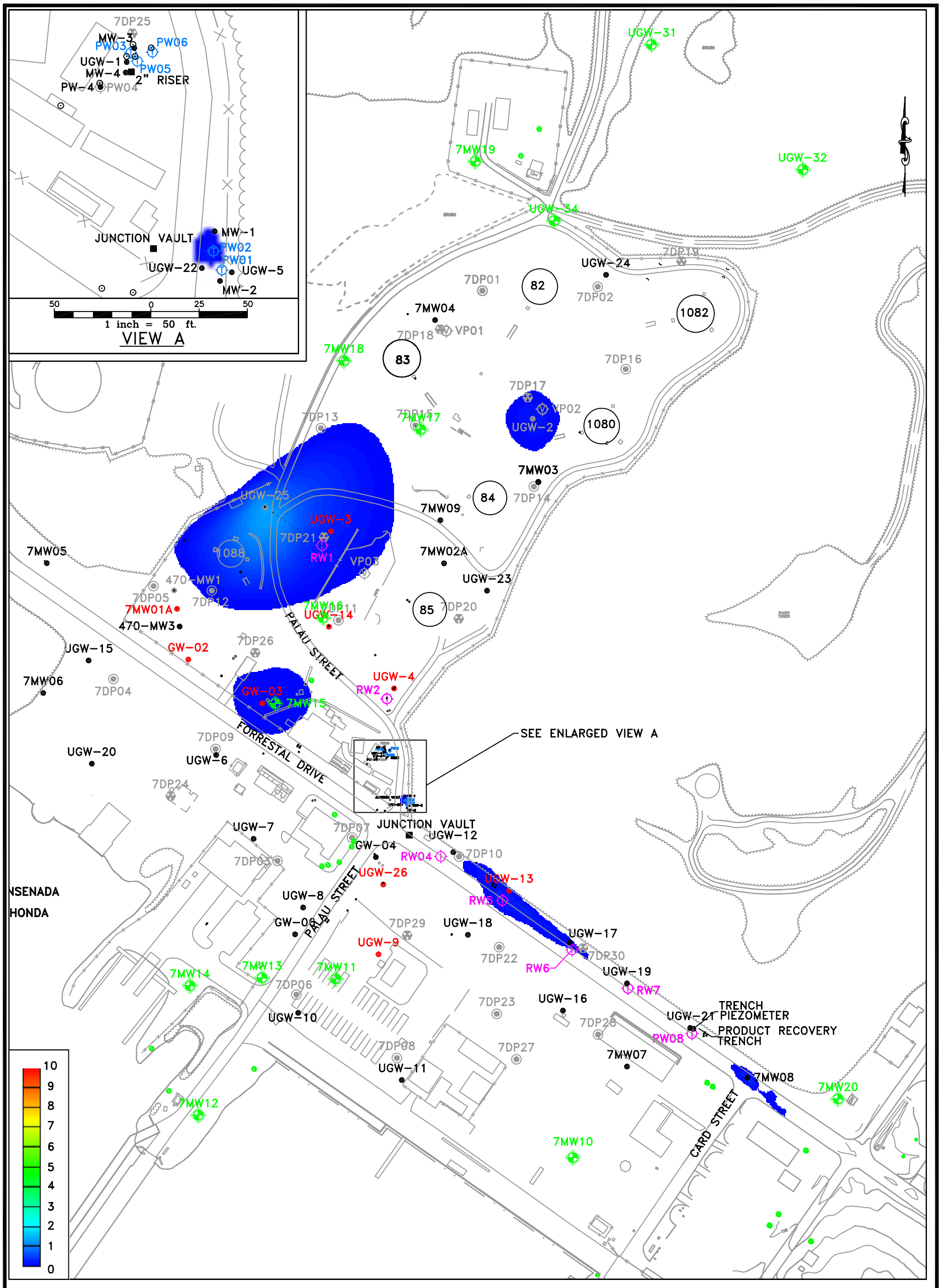
LEGEND

- MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION
- VERTICAL PERMEABILITY SAMPLE LOCATION
- SOIL BORING LOCATION
- SOIL BORING AND SOIL GAS SAMPLE LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- (101.29) CORRECTED GROUNDWATER ELEVATION (FT.)
- (NA) DATA NOT ANALYZED
- 101 ELEVATION (FT.)

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 3
CORRECTED GROUNDWATER SURFACE CONTOUR MAP (APRIL 2002)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO



1 inch = 200 ft.

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

Baker

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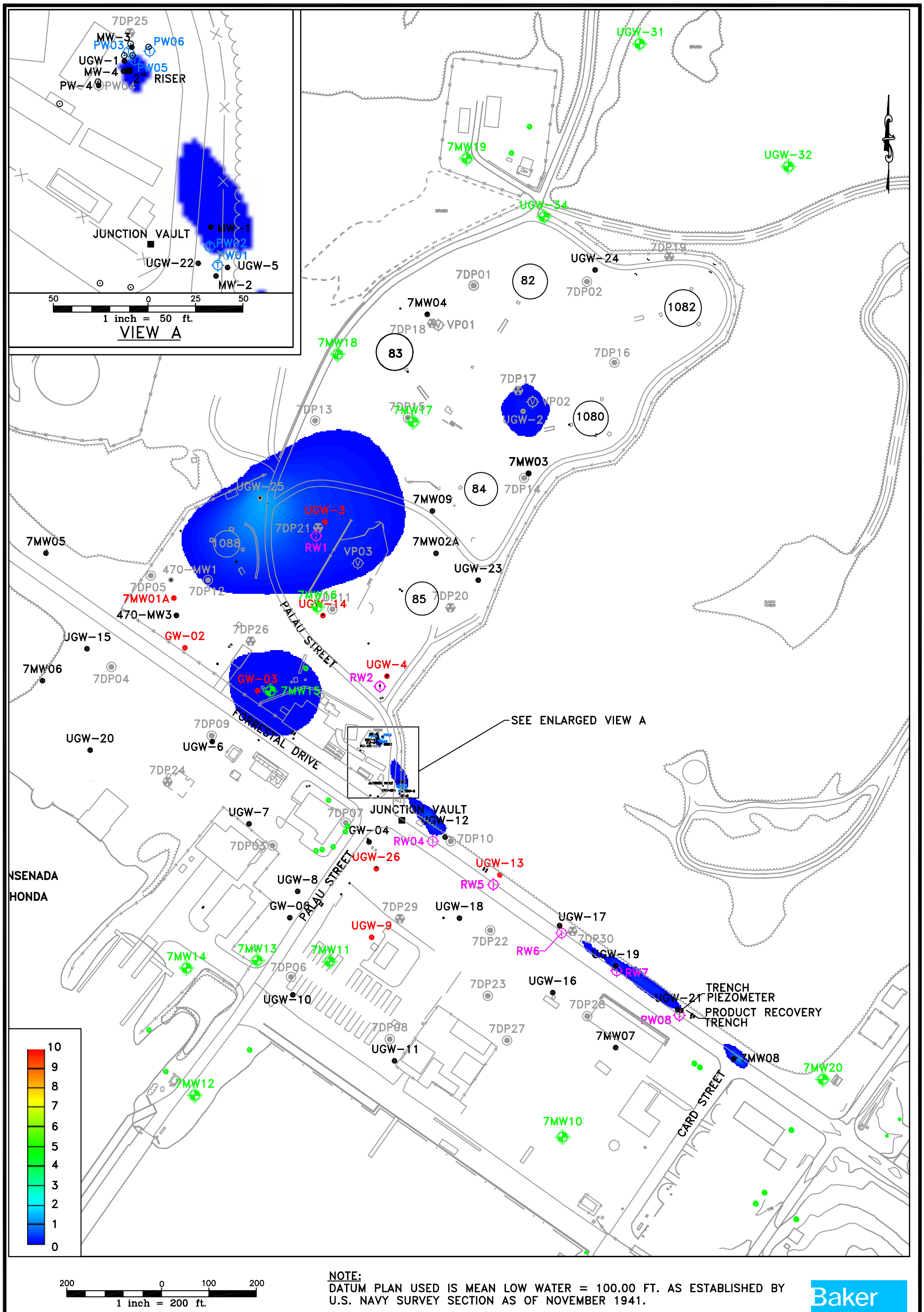
LEGEND

- MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION
- VERTICAL PERMEABILITY SAMPLE LOCATION
- SOIL BORING LOCATION
- SOIL BORING AND SOIL GAS SAMPLE LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- UGW-9 – PRODUCT THICKNESS DATA NOT INCLUDED BECAUSE SCREEN IS CONSISTENTLY AND COMPLETELY BELOW THE WATER TABLE

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 4
FREE PRODUCT THICKNESS AND EXTENT MAP (FEBRUARY 2002)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO



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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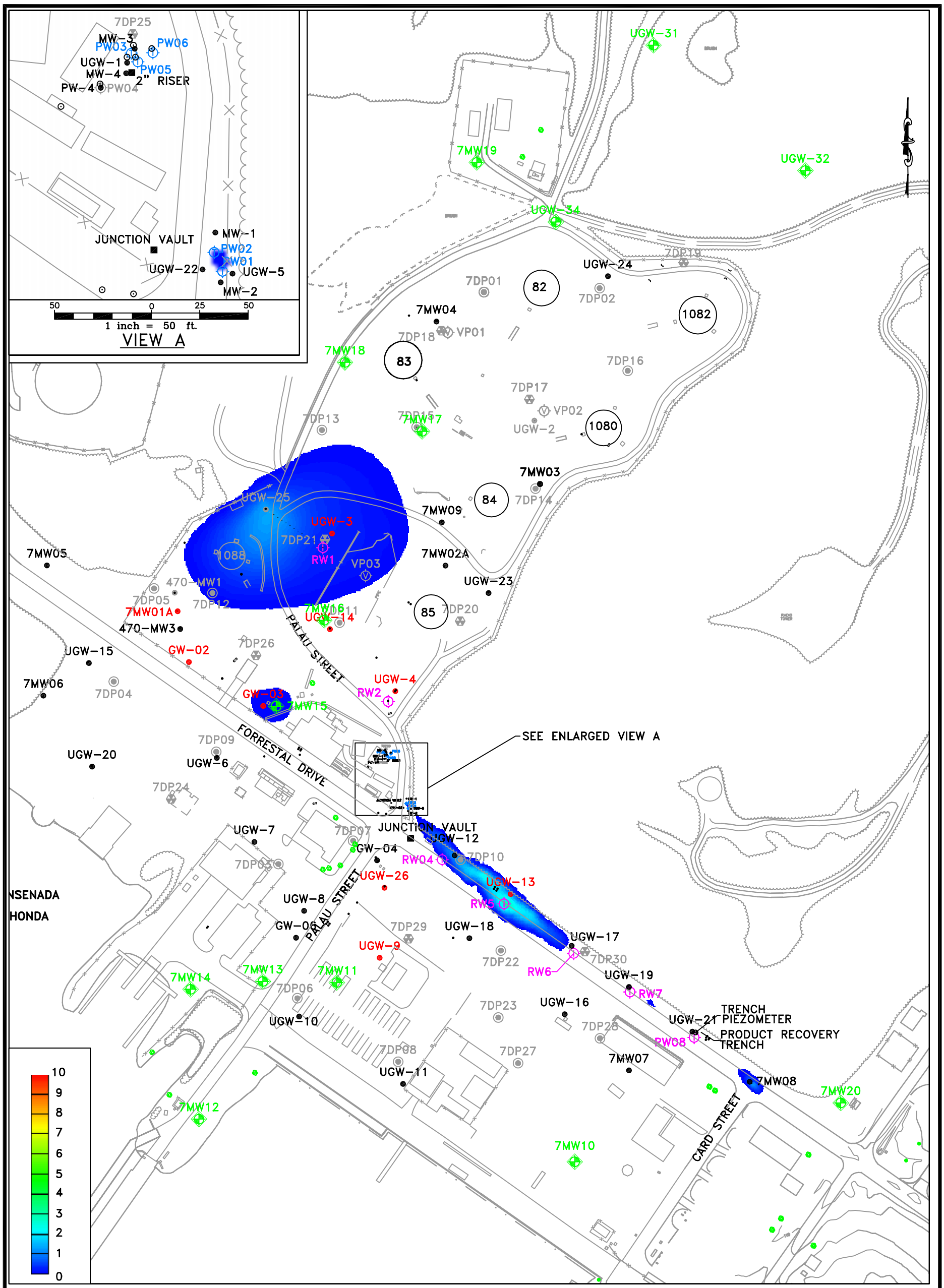
LEGEND

- ● – MONITORING WELL LOCATION
- ◈ – NEW MONITORING WELL LOCATION
- Ⓥ – VERTICAL PERMEABILITY SAMPLE LOCATION
- ◉ – SOIL BORING LOCATION
- ⬢ – SOIL BORING AND SOIL GAS SAMPLE LOCATION
- ⦶ – TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ⦶ – ICHOR PRODUCT RECOVERY WELL LOCATION
- UGW-9 ● – PRODUCT THICKNESS DATA NOT INCLUDED BECAUSE SCREEN IS CONSISTENTLY AND COMPLETELY BELOW THE WATER TABLE

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 5
FREE PRODUCT THICKNESS AND EXTENT MAP (MARCH 2002)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO



1 inch = 200 ft.

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

Baker

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LEGEND

- MONITORING WELL LOCATION
- NEW MONITORING WELL LOCATION
- VERTICAL PERMEABILITY SAMPLE LOCATION
- SOIL BORING LOCATION
- SOIL BORING AND SOIL GAS SAMPLE LOCATION
- TERRAVAC PRODUCT RECOVERY WELL LOCATION
- ICHOR PRODUCT RECOVERY WELL LOCATION
- UGW-9 – PRODUCT THICKNESS DATA NOT INCLUDED BECAUSE SCREEN IS CONSISTENTLY AND COMPLETELY BELOW THE WATER TABLE

SOURCE: LANTDIV, FEB. 1992/1997

FIGURE 6
FREE PRODUCT THICKNESS AND EXTENT MAP (APRIL 2002)
TOW WAY FUEL FARM

NAVAL STATION ROOSEVELT ROADS
PUERTO RICO