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Stage 2 Technical Memorandum

Cidra Groundwater Contamination Site

Remedial Investigation/Feasibility Study

Cidra, Puerto Rico

April 11, 2011

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STAGE 2 TECHNICAL MEMORANDUM
CIDRA GROUNDWATER CONTAMINATION SITE
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
CIDRA, PUERTO RICO
Work Assignment No.: 004-RICO-02WE

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Contents

Section 1 Introduction 1-1
1.1 Background 1-1
1.2 Summary of Site Geology and Hydrogeology 1-2
1.2.1 Site Geology 1-2
1.2.2 Site Hydrogeology 1-3
1.3 Summary of Stage 1 Field Activities and Conclusions 1-3
1.4 Summary of Stage 2 Field Activities 1-4
1.4.1 Source Area Soil Investigation 1-4
1.4.2 Monitoring Well Installation 1-5
1.4.3 Synoptic Water Level Measurement 1-5
1.4.4 Groundwater Sampling 1-6

Section 2 Results of Stage 2 Activities 2-1
2.1 Data Presentation 2-1
2.2 Source Area Soil Boring Results 2-1
2.2.1 Ramallo/Cidra Convention Center Soil Boring Results 2-1
2.2.2 CCL Label, ENCO, DJ Manufacturing, and ESSO Soil Boring Results 2-1
2.2.3 International Dry Cleaner Soil Boring Results 2-2
2.3 Groundwater Sampling Results 2-2
2.4 Conceptual Site Model Update 2-3
2.4.1 Groundwater Flow 2-3
2.4.2 Geologic Cross Sections 2-4
2.4.2.1 Ramallo/CCL Label/Shellfoam Area 2-4
2.4.2.2 International Dry Cleaner/Northern Drainage Area 2-5
2.4.3 Updated Conceptual Site Model 2-6
2.4.3.1 Ramallo/CCL Label/Shellfoam Area 2-6
2.4.3.2 International Dry Cleaner/Northern Drainage Area 2-7

Section 3 Conclusions and Recommendations 3-1
3.1 Conclusions 3-1
3.1.1 Source Area Conclusions 3-1
3.1.2 Groundwater Contamination Conclusions 3-1
3.2 Recommendations 3-1

Section 4 Acronyms 4-1

Section 5 References 5-1

LIST OF TABLES

1-1 Stage 2 Source Area Soil Boring Sample Summary
1-2 Saprolite Monitoring Well Construction Summary
1-3a Potentiometric Water Level Elevations – Multiport Wells
1-3b Potentiometric Water Level Elevations – Conventional Wells
1-4 Stage 2 Groundwater Sample Summary
2-1 Site-specific VOC Soil Screening Criteria

2-2 Site-specific VOC Groundwater Screening Criteria
3-1 Proposed Stage 2a Groundwater Screening and Monitoring Wells

LIST OF FIGURES

1-1 Site Location Map
1-2 Source Area Soil Boring and Saprolite Monitoring Well Locations
1-3 Monitoring and Supply Well Locations – Stage 2 Groundwater Sampling
2-1 Ramallo/Cidra Convention Center Soil Sampling COC Results
2-2 CCL Label Soil Sampling COC Results
2-3 ENCO Soil Sampling COC Results
2-4 DJ Manufacturing Soil Sampling COC Results
2-5 International Dry Cleaner Soil Sampling COC Results
2-6 Saprolite Monitoring Well COC Results
2-7 Multiport Monitoring Well COC Results
2-8 Supply Well COC Results
2-9 Saprolite Potentiometric Surface – October 20, 2010
2-10 Bedrock Potentiometric Surface – August 3, 2010
2-11 Cross Section Location Map
2-12 Cross Section A-A'
2-13 Cross Section B-B'
2-14 Cross Section C-C'
2-15 Cross Section D-D'
2-16 Cross Section E-E'
2-17 Cross Section F-F'
2-18 PCE Plume in Saprolite Monitoring Wells
3-1 Proposed Groundwater Screening and Saprolite Monitoring Well Locations

APPENDICES

A Soil Boring and Monitoring Well Construction Logs
B Low-flow Groundwater Sampling Sheets
C Recommendations for Damaged Multiport Monitoring Well MPW-6 Letter
D Analytical Data Tables
E Data Usability Assessment

Section 1
Introduction

CDM Federal Programs Corporation (CDM) received Work Assignment (WA) 168-RICO-02WE under the Response Action Contract (RAC) II, Contract No. 68-W-98-210, to perform a Remedial Investigation/Feasibility Study (RI/FS) for the United States Environmental Protection Agency, Region 2 (EPA) at the Cidra Groundwater Contamination site (the site) located in Cidra, Puerto Rico. The RI/FS work assignment is being continued under the EPA Region 2 Remedial Action Contract (RAC2), Contract No. EP-W-09-002, as WA 004-RICO-02WE.

The Cidra site was listed on the National Priorities List (NPL) as a "contaminated groundwater plume of unknown volume and without an identified source" (EPA 2003a). The overall purpose of the RI/FS work assignment is to identify potential source areas through soil and groundwater investigations, evaluate the nature and extent of groundwater, soil, surface water, and sediment contamination, and develop appropriate remedial alternatives for the identified contamination.

Due to the lack of existing hydrogeological data and the lack of a defined source of contamination, a two-stage field investigation was planned to effectively use data collected during Stage 1 to focus and refine data collection activities in Stage 2. Stage 1 was completed in January 2009, and is detailed in the Stage 1 Technical Memorandum Report (CDM 2009) and summarized in Section 1.3 of this document. Recommendations for Stage 2 were presented in the Stage 1 Technical Memorandum; however, the recommended Stage 2 work was revised during a meeting held with EPA on October 21, 2009, to focus on the following:

- Further define soil contamination at source areas identified during Stage 1
- Determine if contaminant sources in soil were migrating to groundwater in the weathered bedrock zone
- Identify potential responsible parties (PRPs) based on new soil and groundwater data.

The final scope of the Stage 2 field activities is documented in a Work Plan Letter dated March 4, 2010 (CDM 2010a).

The portion of the Stage 2 RI field activities that focused on source areas and contamination in the weathered bedrock were performed from April to July 2010. CDM presented the Stage 2 field program, results, conclusions, and recommendations in a technical conference call meeting held on February 18, 2011 with EPA. This Technical Memorandum documents the Stage 2 field activities and results, and presents conclusions and recommendations for additional work.

1.1 Background

The site is located in Cidra, Puerto Rico, and consists of portions of the Cidra commercial district and a groundwater plume with no identified source(s) of contamination (Figure 1-1).

The aquifer of concern at Cidra is in the Pre-Robles volcanic rock that underlies the area. A weathered bedrock zone, or saprolite, occurs on top of the bedrock, and appears to contain large amounts of groundwater under confined conditions. The four closed Cidra public supply wells and 20 other active and inactive wells are completed in the bedrock aquifer, at depths

ranging from 110 to 705 feet below ground surface (bgs), with screen and/or surface casing lengths ranging from 8 to 224 feet (EPA 2003b). The condition and exact casing/screen depths are unknown. Some wells may be completed as open holes in the bedrock.

1.2 Summary of Site Geology and Hydrogeology

1.2.1 Site Geology

The Cidra municipality is located on the divide between two major river basins, Rio de la Plata and Rio de Bayamon. The major aquifer beneath the site is in the fractured Cretaceous-age Pre-Robles volcanic bedrock.

The site is located in the central-eastern section of Puerto Rico. The three strata encountered at the site are the Quarternary-age terrace deposits composed of silt and clay, a saprolite layer (decomposed bedrock), and the underlying Pre-Robles volcanic rock. The three units are described as follows:

- **Quaternary Upper Silty Clay -** The upper silty clay unit consists of reddish brown silty clay grading to gray and brown silty clay overlying decomposed weathered bedrock. The depth to the bottom of the silty clay unit varies from 55 feet bgs at SMW-1 to 105 feet bgs at SMW-2. Some evidence of dark brown to black-stained, remnant high angle fracture structure or lineations was observed in the clay at boring locations throughout the site. White to yellowish white very small crystals with a powdery appearance were observed in some of these lineations. These lineations were generally about four inches long and one-half inch in thickness and occurred at depths greater than 10 feet bgs and as deep as 70 feet bgs.

- **Saprolite Unit -** The saprolite (highly weathered rock) is a hard, wet, brown to light brown, sandy to silty clay matrix with abundant dark brown to brown, angular to very angular, mafic rock fragments with fine-grained texture that easily crumbles under light pressure. The saprolite ranges in thickness from 45 feet at MPW-2 and MPW-3 to 60 feet at MPW-1. This unit is highly productive; it stores water and provides recharge to the underlying bedrock aquifer. The contact between the saprolite and underlying bedrock ranges from 115-150 feet bgs.

- **Cretaceous Pre-Robles Volcanic Rock -** The lithology of the Pre-Robles rock is variable, consisting of massive and thick bedded andesite and dacite submarine pyroclastic breccias, intercalated with lavas, tuffs, and limestone (Glover 1971). The upper and middle parts of the Pre-Robles rocks were described by Glover (1971) as coarse near-vent pyroclastic breccias, deposited in a marine environment; the lower part of the sequence was described as near- and distant-vent submarine ash-fall and pyrocalstic flow deposits. Supply wells and the multiport monitoring wells are completed in this unit. Supply well logs describe the unit as blue, brown, or black volcanic rock (EPA 2003a).

Key structural features in the vicinity of the Cidra site include the Arroyata Fault, located 0.25 mile to the south of the commercial area and adjacent to the industrial park, a number of smaller faults branching from the Arroyata fault, and bedding plane strike and dip data. The bedding planes are assumed to be caused by successive deposition of volcanic material as lava flows, ash-falls, and pyroclastic flow deposits.

The bedrock underlying the site has an overall northeast strike (ranging from N12W to N23E) westerly dip ranging from 15 to 27 degrees. Moving south, closer to the Arroyata Fault, the strike is northwest. In general, the strike shifts from north-northeast to north-northwest moving from north to south closer to the Arroyata Fault. Features close to the fault indicate that the orientation of rocks may be significantly altered by movement along the fault, as compared to the regional orientation.

1.2.2 Site Hydrogeology

Precipitation is the primary source of groundwater recharge in the Cidra area. Precipitation percolates through the ground to the water table. The Quaternary silty clay soils that overlie the bedrock have a low porosity, and tend to hinder movement of precipitation in the overburden. However, small micro fractures were observed in the clays, which may provide secondary porosity.

The saprolite zone below the silty clay was observed during Stage 2 well installation to be a major water-bearing unit. This unit is semi-confined by the overlying silty clay soils, as evidenced by rising water level conditions in drilling rods upon reaching this zone. During the Stage 2 well installation activities, very little water was encountered while advancing through the silty clay unit; once the saprolite unit was encountered, the water level rise varied from approximately 20 feet at SMW-5 to 54 feet at SMW-2. Once in the saprolite unit, groundwater flows downward and laterally to the west/southwest and enters fractures at the top of the volcanic bedrock.

Once in the bedrock aquifer, groundwater then moves laterally along strike, and down dip, in a step-like pattern, toward Rio Arroyata, lying at a lower elevation, south/southwest of the site. The porosity of bedrock is only two to three percent, but joints and fractures can considerably enhance groundwater flow. Well yields in the fractured volcanic rock in the Cidra vicinity are generally from 5 to 10 gallons per minute (gpm) or less (Miller et al. 1997).

1.3 Summary of Stage 1 Field Activities and Conclusions

The primary objectives of the Stage I field investigation were to collect initial information on the following: potential source(s) of groundwater contamination; geology and lithology of the bedrock aquifer; groundwater flow direction; and contaminant distribution in the bedrock aquifer. Stage I RI field activities were performed from July 2007 through January 2009, and included the following activities:

- Industrial facilities source area investigation
- Current and former dry cleaners source area investigation
- Bedrock borehole drilling and coring
- Bedrock borehole geophysical logging
- Packer sampling and packer testing
- Multiport monitoring well installation and sampling
- Groundwater elevation measurements

Based on data obtained during Stage 1, the following conclusions were presented in the Stage 1 Technical Memorandum (CDM 2009).

- Three properties were identified as potential source areas based on the presence of indicator volatile organic compounds (VOCs) in soil samples: International Dry Cleaner, CCL Label, and Ramallo/Cidra Convention Center.
- Tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) were detected in nearly all of the multiport and supply wells. The highest levels of PCE were detected in the deepest zones in MPW-5 and Cidra-8
- Wells MPW-5 and Cidra-8 are downgradient from the CCL Label and Ramallo/Cidra Convention Center properties, suggesting that those properties are likely source areas.
- The distribution of PCE contamination in MPW-5 suggests that contamination above the screening criteria is likely to be present in bedrock at depths deeper than MPW-1.
- PCE was also detected in supply well samples that may include the weathered bedrock zone. This and the widespread detections of PCE suggest there may be a migration pathway in the weathered bedrock/saprolite zone.
- No semi-volatile organic compounds (SVOCs), pesticides or polychlorinated biphenyls (PCBs), and only two metals (thallium and arsenic), were present above groundwater screening criteria; thallium and arsenic were not considered site-related contaminants.

1.4 Summary of Stage 2 Field Activities

Stage 2 RI field activities were performed from April to July 2010. All sampling, decontamination, and investigation derived waste (IDW) handling activities were conducted in accordance with the Final RI/FS Work Plan, Volume I (CDM 2006),the Final Quality Assurance Project Plan (QAPP) dated April 13, 2007 (CDM 2007), and the QAPP Addendum dated March 18, 2010 (CDM 2010b), except where noted.

The major field investigation activities completed during Stage I and addressed in this Technical Memorandum are as follows:

- Source area soil investigation
- Monitoring well installation in the saprolite zone
- Groundwater elevation measurements
- Groundwater sampling

The Stage 2 field activities are described in the following sections.

1.4.1 Source Area Soil Investigation

Soil samples were collected from a total of 45 soil borings at 6 potential source areas (see Figure 1-2 for locations). Samples were collected via direct-push technology (DPT) drilling methods and hand augering. The source areas and corresponding soil borings are as follows:

- Ramallo/Cidra Convention Center – 13 borings (RMSB-11 through RMSB-23)
- CCL Label – 8 borings (CCSB-11 through CCSB-18)
- ENCO – 7 borings (ENSB-1 through ENSB-7)
- DJ Manufacturing – 5 borings (DJSB-1 through DJSB-5)
- ESSO – 2 borings (ESSB-15 through ESSB-16)
- International Dry Cleaners – 10 borings (IDCSB-5 through IDCSB-14)

Soil borings were planned to be advanced to 72 feet bgs; however, refusal at many of the locations resulted in shallower borings (see Table 1-1). Soil borings in areas with no access for a DPT rig were collected with hand augers.

Upon retrieval from the drill rod, each 4-foot core was screened for VOCs using a photoionization detector (PID). The lithology of each sample was characterized and logged by the field geologist. Depth to groundwater, if encountered, and PID readings were recorded in the log. Drill rods were decontaminated between successive locations and new polyethylene sleeves were used for each sample.

Soil samples were analyzed for Target Compound List (TCL) VOCs, with select samples also analyzed for total organic carbon (TOC), pH, and grain size. Table 1-1 summarizes the samples and analyses collected from each boring. Soil boring logs are presented in Appendix A.

1.4.2 Monitoring Well Installation

A total of seven monitoring wells (SMW-1, SMW-2, SMW-3, SMW-5, SMW-9, SMW-10, and SMW-12) were installed in the saprolite zone, using hollow stem auger drilling methods. Locations are shown on Figure 1-2, and well construction details are summarized in Table 1-2. Well and completion materials were installed through the augers as they were withdrawn. All wells were developed following installation. The coordinates and elevations (ground surface and top of inner casing) were measured for the newly-installed saprolite monitoring wells. Monitoring well construction logs are presented in Appendix A.

Field changes to the monitoring well installation program were as follows:

- The planned background well (SMW-11) was not installed due to the lack of water in upgradient areas. A total of four borings were advanced northeast of Ramallo (three in the Praxedes public housing complex and one at the Pinero School); however, no water was encountered.

- Due to damage in the FLUTe multiport well assembly at MPW-6, the well was converted to a conventional well, upon discussion and approval from EPA. The details of this change are documented in a letter to EPA, which is presented as Appendix B.

1.4.3 Synoptic Water Level Measurement

CDM collected a round of synoptic water level measurements on August 3, 2010, in conjunction with the groundwater sampling round. CDM measured the groundwater elevations at the multiport wells, the saprolite monitoring wells, closed public supply wells, and the IVAX well. Groundwater depth measurements were taken for each port in the multiport monitoring wells. A water level meter was used to measure water levels in the multiport wells, saprolite monitoring wells, the closed Cidra supply wells, and the IVAX well. A supplemental round of water levels was collected from saprolite monitoring wells on October 20, 2010 due to anomalies noted in the August 3, 2010 measurements.

Multiport monitoring well water level elevations are presented in Table 1-3a. Saprolite monitoring well (both rounds) and supply well water level elevations are presented in Table 1-3b. Water level elevations were used to create potentiometric surface maps, which are presented along with a discussion of groundwater flow, in Section 2.4.1.

1.4.4 Groundwater Sampling

One round (Round 2) of groundwater samples was collected from the seven newly-installed saprolite monitoring wells, the converted MPW-6 well, five multiport monitoring wells installed during Stage I (26 ports), and the inactive supply wells. Figure 1-3 shows the locations of the wells sampled during this round, and Table 1-4 summarizes the groundwater samples and analyses. Multiport monitoring well samples were collected using the FLUTe ™ gas-drive sampling system previously installed in the boreholes. Sampling was performed in accordance with the manufacturer's (FLUTe Systems, Inc) sampling procedures. The FLUTe system was purged twice prior to collection of the samples, and water quality parameters were monitored for stability. Parameters stabilized after two purges and the sample was collected on the third purge. The supply wells, saprolite wells, and the converted MPW-6 well were purged and sampled with a submersible pump, using low-flow sampling methods. Water quality parameters (dissolved oxygen [DO], oxidation-reduction potential (as Eh) [ORP], turbidity, temperature, and conductivity) were measured during purging and samples were collected upon stabilization of the parameter measurements. Groundwater sampling sheets are presented in Appendix C.

Groundwater samples were analyzed for TCL VOCs (trace level and selective ion monitoring (SIM)), Target Analyte List (TAL) metals (including cyanide and mercury), and wet chemistry parameters, as summarized on Table 1-4. DO, ORP, turbidity, temperature, and conductivity measurements were taken in the field using flow-through cells.

Section 2
Results of Stage 2 Activities

This section summarizes results of Stage 2 field activities. The evaluation and discussion of soil and groundwater results focus on the four site-related chlorinated VOCs (PCE and its degradation products TCE, cis-1,2-DCE, and 1,1-dichloroethene [1,1- DCE]), as detailed in the Stage 1 Technical Memorandum (CDM 2009). These four VOCs will be referred to as "indicator VOCs". All analytical data from the Stage 2 samples were compared to the site-specific screening criteria for soil and groundwater media, listed in Table2 2-1 and 2-2, respectively. A full set of Stage 2 data is presented in Appendix D.

2.1 Data Presentation

Analytical results from the Stage 2 investigation were uploaded to the site database for evaluation purposes. The data were exported to an Environmental Geographic Information System (EGIS) for analysis and graphical presentation. The data presented on the figures are in units consistent with Appendix D and are as follows: VOC aqueous data are presented in microgram per liter (µg/L) and VOC soil data are presented in microgram per kilogram (µg/kg).

A data usability evaluation assesses the usability of the analytical data generated from the Stage 2 investigation (Appendix E). All data is usable for project decisions, with the exception of rejected 1,4-dioxane results (1,4-dioxane is not a site-related contaminant).

2.2 Source Area Soil Boring Results

This section presents soil sampling results for the six source area properties investigated during Stage 2. Figures illustrating soil results include all detected VOCs; however, the evaluation and discussion of the soil sampling results focuses on the four indicator VOCs identified above.

2.2.1 Ramallo/Cidra Convention Center Soil Boring Results

Sample results from the thirteen borings at the Ramallo/Cidra Convention Center property are shown on Figure 2-1. PCE was detected in all borings, and exceeded screening criteria in nine of the borings. The highest levels of indicator VOCs were found in shallow soils in RMSB-18, as follows: PCE at 3,300,000 µg/kg (0-4 feet bgs), TCE at 2,700 µg/kg (0-4 feet bgs), cis-1,2-DCE at 41,000 µg/kg (4-8 feet bgs), and 1,1-DCE at 120 µg/kg (8-12 feet bgs). Vinyl chloride, although not an indicator VOC, also exceeded its screening criterion in the majority of samples from RMSB-18, with the highest level of 2,000 µg/kg (4-8 feet bgs).

2.2.2 CCL Label, ENCO, DJ Manufacturing, and ESSO Soil Boring Results

The following borings were advanced at these properties: eight at CCL Label, seven at ENCO, five at DJ Manufacturing, and two at ESSO. No indicator VOCs were detected at levels exceeding screening criteria at any of these properties. Relativity low levels (at or below screening criteria) were detected at CCL Label and ENCO, in borings bordering the Ramallo property; these levels are likely a result of proximity to the source area at Ramallo. These four properties are not considered sources of groundwater contamination for the site. Results of soil samples at CCL Label, ENCO, and DJ Manufacturing are shown on Figures 2-2, 2-3, and 2-4, respectively. No indicator VOCs were detected at ESSO.

2.2.3 International Dry Cleaner Soil Boring Results

Results of the 10 borings advanced at the International Dry Cleaner property are shown on Figure 2-5. PCE was detected in all borings, and exceeded its screening criterion in all but one. The highest levels of indicator VOCs were found in shallow soil samples from IDCSB-10, IDCSB-13, and IDCSB-14; these borings are located in a narrow alley along the southeast border of the site. The highest levels of these borings were in IDCSB-14, from 4-8 feet bgs, as follows: PCE at 1,700,000 µg/kg, TCE at 28,000 µg/kg, and cis-1,2-DCE at 29,000 µg/kg. 1,1-DCE was not detected.

2.3 Groundwater Sampling Results

Groundwater samples were collected from the seven newly-installed saprolite wells, the five multiport monitoring wells installed during Stage 1 (26 ports), the newly constructed bedrock well at the former multiport well, MPW-6, the four Cidra supply wells, and the two bedrock wells on the IVAX property. Indicator VOCs exceeded screening criteria only in wells in the southern portion of the site (i.e., in the areas of CCL Label, Ramallo, Shellfoam, and IVAX facilities). No exceedances were found in any of the wells north of CCL Label. Overall, the highest levels of indicator VOCs in groundwater were detected in wells screened in the saprolite zone.

Indicator VOCs exceeded screening criteria in three of the saprolite monitoring wells – SMW-1, SMW-9, and SMW-10. Figure 2-6 shows VOC results from the saprolite wells. The highest levels of the majority of indicator VOCs were in SMW-10, as follows: PCE at 1,700 µg/L, TCE at 31 µg/L, and 1,1-DCE at 31 µg/L. SMW-10 is located on the Ramallo property, just downgradient of the PCE-contaminated soil. SMW-1, located on the Shellfoam property, is downgradient of SMW-10, and contained the second highest levels of these VOCs. The highest level of cis-1,2-DCE was detected in SMW-9, at 74 µg/L; SMW-9 is located on the CCL Label property, just northwest (and side-gradient) of SMW-10.

Indicator VOCs exceeded screening criteria in the following wells in the bedrock: multiport wells MPW-1 and MPW-5; MPW-6 (which was converted from a multiport well to a conventional well); Cidra-8, and IVAX-2. Figure 2-7 shows multiport well VOC results, and Figure 2-8 shows supply well results. MPW-5 contained the highest levels and the most exceedances of indicator VOCs, whereas the remaining wells each had only one exceedance. PCE exceeded its screening criterion in the five deepest ports in MPW-5, with a maximum of 120 µg/L in port 4 (260-274 feet bgs); TCE slightly exceeded its screening criterion at 5.3 µg/L in port 2 (302-324 feet bgs). In the remaining wells, PCE exceeded its screening criterion in MPW-1, port 6 (121-129 feet bgs) at 12 µg/L and in Cidra-8 at 85 µg/L. 1,1-DCE exceeded its screening criterion in MPW-6 (17 J µg/L) and in IVAX-2 (39 J µg/L). A similar pattern of VOC contaminant distribution was observed during both Stage 1 and Stage 2 multiport well groundwater sampling events.

2.4 Conceptual Site Model Update

The following sections describe the groundwater flow regime and the updated conceptual site model (CSM) with respect to source areas and general transport of indicator VOCs in groundwater. Geologic cross sections were created using Stage 2 data and are discussed in this section.

2.4.1 Groundwater Flow

Groundwater flow at the site begins with precipitation falling on the ground surface. Some of the water runs into surface water bodies to the south and west of the site, via overland flow; some infiltrates into the underlying silty clay overburden. Groundwater then moves downward through the silty clay, aided by vertical lineations which likely enhance downward flow. At this point, groundwater flows into the saprolite zone, which was shown to be a significant water-bearing unit during installation of Stage 1 and Stage 2 monitoring wells. The saprolite zone, which is under hydraulic pressure, stores water and provides recharge to the underlying bedrock aquifer. Bedding planes in the bedrock act as individual aquifers, separated by aquitards consisting of relatively low permeability bedrock, where less fracturing is present.

In the majority of the site area (west of IVAX), groundwater encounters bedding planes in the bedrock aquifer and flows laterally along strike (northeast and southwest), and then downdip (west). The resulting overall groundwater flow is to the west/southwest, toward Rio Arroyata located south **and** west of the site. In the IVAX area, which is closer to the Arroyata Fault, bedding planes strike northwest/southeast. Therefore, groundwater in the bedrock flows northwest/southeast along strike, and downdip to the southeast, toward an unnamed stream.

Potentiometric surface maps were created from water level elevation data to illustrate the flow regime. Figure 2-9 illustrates groundwater flow in the saprolite wells based on the October 20, 2010 water level elevation measurements. As illustrated on this figure, groundwater flows southwest, from higher water level elevations in SMW-9 and SMW-10 (on the CCL Label and Ramallo/Cidra Convention Center properties), towards SMW-5 and SMW-1, respectively, which have lower water elevations. In the north, flow is similarly to the southwest, from SMW-2 towards SMW-3.

Groundwater flow in the bedrock unit is illustrated in Figure 2-10. West of IVAX, overall flow is to the southwest, toward Rio Arroyata to the south and west. This follows the pattern of flow from higher to lower water level elevations (from MPW-2 to MPW-4 to MPW-3, and from MPW-1 toward MPW-5). Although MPW-5 is slightly side-gradient of MWP-1 in the downdip direction, it is generally along strike.

The overall flow system is summarized as follows:

- **Ramallo/CCL Label/Shellfoam Area** - Groundwater enters the overburden at Ramallo and infiltrates to the saprolite zone, and moves horizontally southwest, encountering SMW-10 and then SMW-1. The vertical component of groundwater flow encounters bedrock bedding planes somewhere between Ramallo and MPW-1, and moves along strike (northeast/southwest) and down dip (west) in a step-like pattern toward MPW-5 and Cidra-8.

- **International Dry Cleaner/Northwest Drainage Area** – Groundwater enters the overburden at International Dry Cleaner and infiltrates to the saprolite zone, moving southwest, encountering SWM-2 and SMW-3. Once in bedrock bedding planes, groundwater moves along strike (northeast/southwest) and down dip (west) from MPW-2/Cidra-04 toward MPW-4, MPW-3, and Cidra-3.

- **IVAX Area** - Groundwater enters the overburden at the IVAX property, and infiltrates directly to the overburden. Once in bedrock bedding planes and fractures, it moves along strike (northeast/southwest) and down dip to the southeast toward an unamed stream further downgradient.

2.4.2 Geologic Cross Sections

Six geologic cross sections were created to illustrate conditions at the site; Figure 2-11 presents a cross section location map. Cross sections portray Stage 2 water level and groundwater data. Soil data are also included in cross sections in the areas of the Ramallo/Cidra Convention Center and International Dry Cleaner, where appropriate. PCE was the indicator VOC with the highest concentrations and was the most frequently detected in soil and groundwater samples. Therefore, discussions of soil and groundwater contamination in the following sections focus on PCE.

2.4.2.1 Ramallo/CCL Label/Shellfoam Area

Cross sections that illustrate conditions underlying the Ramallo/Cidra Convention Center, CCL Label, and Shellfoam properties include A-A', D-D', and E-E'. This area includes supply well Cidra-8, which historically has shown higher levels of contamination than the other supply wells to the north. A-A' runs perpendicular to overall groundwater flow, and D-D' and E-E' run parallel to overall groundwater flow.

<u>D-D' and E-E'</u>

Cross section E-E' (Figure 2-16) runs from the Ramallo/Cidra Convention Center property, southwest along groundwater flow, to MPW-1. E-E' includes soil data from the Ramallo/Cidra Convention Center source area and groundwater data from SMW-10, also located on the property. Cross section D-D' (Figure 2-15) is a continuation of E-E' to the southwest. It includes groundwater data from SWM-10, plus data from SMW-1 and MPW-1 to the southwest; it ends at Rio Arroyata further southwest.

As shown on cross section E-E', PCE-contaminated soil is present at the Ramallo/Cidra Convention Center property – from the surface (3,300,000 µg/kg) to just above the saprolite zone (1,300 µg/kg at 72 feet bgs). PCE-contaminated groundwater occurs just downgradient (southwest) of this source area, in the saprolite well SMW-10, at 1,700 µg/L. Moving further downgradient/southwest from SMW-10, cross section D-D' shows the saprolite well SMW-1, and the adjacent multiport well MPW-1. The PCE level in SMW-1 (680 µg/L) is lower than at SMW-10, indicating that some of the contamination has either begun to migrate downward into the bedrock, or has been diluted due to distance and/or natural attenuation. The highest level of PCE in MPW-1 (12 µg/L) occurs at the top of bedrock in port 6 from 121-129 feet bgs. Levels in deeper ports generally decrease with depth and are below the screening criterion. From SMW-1/MPW-1, groundwater continues southwest toward Rio Arroyata.

A-A'

Cross section A-A' (Figure 2-12) is perpendicular to E-E' and D-D', and includes IVAX in the east and extends west through the DJ Manufacturing and Shellfoam properties, to the cluster of Cidra-8, MPW-5, and SMW-5. A-A' includes groundwater data from the abandoned IVAX well, SMW-1/MPW-1, Cidra-8/MPW-5, and SMW-5. IVAX-2 is not included on this cross section because the depth is unknown.

This cross section shows the unique situation near the IVAX property. A normal fault, possibly associated with the Arroyata Fault south of the site, is postulated to be present between MPW-1 and MPW-6. A fault in this area would explain the significant shift in fracture orientation and bedding plane strike and dip, and would also explain the absence of the saprolite zone in MPW-6 (as noted in the Stage 1 Technical Memorandum). This postulation also explains the presumed groundwater flow to the southeast in this area. Only 1,1-DCE was detected in wells on the IVAX property; concentrations were 17J µg/L in the converted well MPW-6 (255 feet deep), and 39J µg/L at IVAX-2 (unknown depth, not posted on A-A').

West of the fault lies the SMW-1/MPW-1 cluster, Cidra-8, and the SMW-5/MPW-5 cluster. As shown on the cross section location map, SMW-1/MPW-1 lie at the intersection of A-A' and D-D'/E-E', and are therefore included on all three cross sections. As stated previously, PCE was detected in SMW-1/MPW-1 at concentrations of 680 µg/L (in saprolite) and up to 12 µg/L (in the top of bedrock). This contamination is presumed to have migrated southwest with groundwater flow from the source area at Ramallo/Cidra Convention Center. Once in the bedrock, PCE-contaminated groundwater is expected to move along strike and downdip. To the northwest, PCE levels in SMW-5 were non-detect, whereas they were 85 µg/L in Cidra-8, and ranged from 8.5 to 120 µg/L in deeper ports in MPW-5. PCE was detected in the deepest port (302-324 feet bgs) at 86 µg/L, indicating that contamination likely extends deeper in the bedrock at this location. Due to the pattern of groundwater flow, contamination would be expected to migrate from shallower zones in SMW-1/MPW-1 to deeper fractures in MPW-5 and Cidra-8, which are along strike and downdip.

2.4.2.2 International Dry Cleaner/Northern Drainage Area

Cross sections B-B', C-C', and F-F' illustrate conditions underlying International Dry Cleaner and the nearby northern drainage area, a surface water drainage area of the Cidra commercial center, located along the northwest side of the cemetery (including supply wells Cidra-03, Cidra-04, and Cidra-06). The Cidra supply wells in this area have historically had lower levels of indicator VOCs than Cidra-8, located near Ramallo. Groundwater flow in the northern part of the site is generally toward the drainage area, and then southwest following Rio Arroyata.

B-B'

Cross section B-B' (Figure 2-13) is generally perpendicular to overall groundwater flow, and crosses a branch of the northern drainage area located downgradient of International Dry Cleaner. B-B' includes groundwater data from saprolite wells SMW-12 and SMW-13 to the east, MPW-4, Cidra-8, and MPW-3 to the west.

No indicator VOCs were detected in the two saprolite wells, SMW-12 and SMW-13. PCE was detected at concentrations below its screening criterion in MPW-3 and MPW-4, at maximum levels of 2.8 µg/L and 2 µg/L, respectively. There was little variability in PCE levels from various ports in these wells. Cidra-03, located near MPW-3, also had a low level of PCE (1.4 µg/L).

C-C'

Cross section C-C' (Figure 2-14) includes data from multiport wells MPW-2 to the north/northeast and MPW-3 to the south/southwest, and is oriented sub-parallel to strike. As stated previously, samples from MPW-4 detected low levels of PCE, with a maximum of 2 µg/L. PCE levels in MPW-2 were even lower, with a maximum of 0.68 µg/L; the bottom port was non-detect.

F-F'

Cross section F-F' (Figure 2-17) runs parallel to overall groundwater flow, from the International Dry Cleaner property, southwest to the downgradient northern drainage area. F-F' includes soil boring data from the International Dry Cleaner source area, and groundwater data from SMW-2, MPW-2/Cidra-04, and MPW-3/Cidra-03.

As shown on cross section F-F', PCE-contaminated soil is present at the International Dry Cleaner property – from the surface (1,700,000 µg/kg) to the deepest boring at 60 feet bgs (170 µg/kg). Borings were not able to be advanced deeper due to rig refusal, indicating that deeper clays are tighter. Tighter clays would slow the downward migration of contamination. Due to lack of room for a DPT rig, soil borings in the most contaminated area were not able to be advanced deeper than 12 feet bgs. The vertical extent of PCE in soil has not been determined, and therefore, elevated levels of PCE are assumed to occur at depths below 12 feet bgs in this area.

PCE was not detected in SMW-2, located south/southwest of International Dry Cleaner property. Due to limited access, this well is more side-gradient than downgradient from the source area. As a result, this well may not have captured PCE migrating through the saprolite zone. Further southwest are the bedrock wells MPW-2, Cidra-04, MPW-3, and Cidra-03, in which only levels below screening criteria were detected. The highest PCE concentration in these wells was 2.8 µg/L in MPW-3 port 3.

Based on drilling at SMW-2, the silty clay overburden in this area is approximately 30 feet thicker than at the Ramallo/Cidra Convention Center, and may also be tighter at depth. These conditions may hinder the downward migration of contaminants to the saprolite zone, and would explain lower-than-expected PCE levels in the downgradient saprolite, multiport, and Cidra supply wells.

2.4.3 Updated Conceptual Site Model

The following sections summarize the CSM, updated with Stage 2 data, focusing on migration of contamination to area groundwater.

2.4.3.1 Ramallo/CCL Label/Shellfoam Area

The general CSM contaminant transport in this area is as follows:

- Precipitation migrates downward through the overburden at the Ramallo/Cidra Convention Center and becomes contaminated as it moves through the source area.
- PCE contamination flows southwest with groundwater in the saprolite, as evidenced by PCE levels in SMW-10 and SMW-1. This saprolite layer contains the highest levels of PCE in groundwater at the site, and recharges the underlying bedrock aquifer. Figure 2-18 shows the general orientation of the PCE contaminant plume in the saprolite zone, although the extent of this plume has not been delineated.

- Contamination enters bedrock bedding planes and fractures somewhere between Ramallo and MPW-1, as evidenced by PCE in shallow bedrock in this well. Contamination spreads northeast/southwest along strike, and southwest downdip. MPW-5 and Cidra-8 are along this contaminant migration pathway, and exhibit contamination at deeper depths.

Additional monitoring wells would help further delineate the lateral and downgradent extent of the PCE plume originating at the Ramallo/Cidra Convention Center.

2.4.3.2 International Dry Cleaner/Northern Drainage Area

Contaminant transport is slightly different in this area. The majority of the surface in the vicinity of International Dry Cleaner is overlain by buildings and roads, which prohibit the majority of precipitation from infiltrating into the overburden. As a result, the bulk of precipitation drains via overland flow toward the northern drainage area. The general CSM contaminant transport in this area is as follows:

- The majority of precipitation flows as runoff toward the northern drainage area. The remainder migrates downward through the overburden, in unpaved areas, possibly enhanced by lineations, and becomes contaminated as it flows through the source area. Contaminant transport through this unit may be further hindered in this area due to greater overburden thickness and tighter soils at depth.
- Low-levels of contamination eventually reach the saprolite zone and migrate to the top of bedrock.
- Once in bedding planes and fractures, contamination spreads along strike and moves down dip. The overall flow direction is to the southwest toward MPW-2, MPW-3, MPW-4, and Cidra-03, resulting in the low levels of PCE in these wells.

Groundwater data are needed to connect the source area at International Dry Cleaners with the low-level groundwater contamination in downgradient bedrock wells.

Section 3
Conclusions and Recommendations

3.1 Conclusions

The conclusions from data collected during the Stage 2 investigation are presented in the following sections.

3.1.1 Source Area Conclusions

Based on the data collected during Stage 2, the Ramallo/Cidra Convention Center and the International Dry Cleaner properties have been identified as sources of local groundwater contamination. Indicator VOCs, specifically PCE, were identified in soils at levels up to 3,300,000 µg/kg at Ramallo/Cidra Convention Center and up to 1,700,000 µg/kg at International Dry Cleaner. Both properties are located upgradient of documented groundwater contamination at the site.

3.1.2 Groundwater Contamination Conclusions

The groundwater sampling performed during the Stage 2 investigation provided additional information regarding the nature of the Cidra groundwater plume, especially in the highly-productive saprolite zone. Three of the indicator VOCs (PCE, TCE, and cis-1,2-DCE), were detected in nearly all wells sampled. The highest levels of PCE (1,700 µg/L), TCE (31 µg/L), and 1,1-DCE (31 µg/L) were detected in SMW-10; this is a saprolite well located at Ramallo/Cidra Convention Center, downgradient of soil contamination on that property. The highest level of cis-1,2-DCE (74 µg/L) was detected in SMW-9, a saprolite well located west/northwest (side/downgradient) of SMW-10.

3.2 Recommendations

Field activities recommended for the Stage 2a field program include those previously recommended in the Stage 1 Technical Memorandum, but not yet completed, and additional activities based on Stage 2 data. The purpose of Stage 2a is to: delineate groundwater contamination downgradient of the identified sources at Ramallo/Cidra Convention Center and International Dry Cleaners; determine the quality of background soil; determine if contaminated groundwater has migrated to surface water bodies; and determine the potential migration of subsurface soil contamination to indoor air.

Previously-recommended activities that have yet to be completed include the following:

- **Groundwater to Surface Water Interaction Evaluation** – A groundwater to surface water interaction study was proposed to determine if groundwater discharges to, and has impacted, surface water bodies southwest of the site. The exact locations will be determined during a reconnaissance to the area, and will be discussed with EPA prior to this activity.

- **Surface Water and Sediment Sampling** – A total of 10 co-located surface water and sediment samples was proposed in surface water bodies located southwest of the site.

- **Long-term Water Level Monitoring** – Long-term water level monitoring is proposed in Cidra-8, SMW-1, SMW-9, SMW-10, and the proposed background saprolite well, to determine impacts from regional pumping and rainfall.

Additional recommended activities based on Stage 2 data include the following:

- **Groundwater Screening** - Groundwater screening borings are recommended downgradient of International Dry Cleaners to determine if, and at what depths, contamination in fine-grained soils underlying International Dry Cleaners is migrating to the saprolite zone. Two borings are proposed downgradient/southwest of the property. Samples are recommended at 10-foot intervals from the water table to the saprolite zone, with quick turnaround VOC analysis. Table 3-1 summarizes the locations and rationale for the borings, and Figure 3-1 shows the locations.

- **Saprolite Monitoring Wells** - Additional saprolite monitoring wells, including a background well, are recommended to further delineate the PCE plume in the saprolite zone. Five saprolite wells are proposed in areas downgradient of the Ramallo/Cidra Convention Center property for plume delineation; one saprolite well is proposed in an upgradient area to provide baseline levels for comparison with downgradient levels. A contingency well is also proposed downgradient of International Dry Cleaner, at the screening boring with the highest contaminant levels. Table 3-1 summarizes the locations and rationale for the saprolite wells, and Figure 3-1 shows the well locations with respect to the approximate plume orientation in this zone.

- **Background Soil Borings** - Ten 10-foot borings are proposed in areas upgradient of the Ramallo/Cidra Convention Center and International Dry Cleaner properties, to provide baseline levels for comparison with levels in the source areas. Samples for VOCs are proposed to be collected from 0-2 and 8-10 feet bgs. The exact locations will be determined during a reconnaissance to the area, and will be discussed with EPA prior to installation.

- **Slug Tests** – Slug tests are proposed in the saprolite monitoring wells to determine the hydraulic conductivity and groundwater flow velocity in this zone.

- **Sub-slab Soil Vapor Sampling** – Sub-slab soil vapor sampling is recommended in the areas of Ramallo/Cidra Convention Center and International Dry Cleaners, if required. Locations and numbers of samples will be determined in conjunction with EPA.

Section 4
Acronyms

amsl	above mean sea level
bgs	below ground surface
CDM	CDM Federal Programs Corporation
cis-1,2-DCE	cis-1,2-dichloroethene
CSM	conceptual site model
DCE	dichloroethene
DO	dissolved oxygen
DPT	direct push technology
EGIS	Environmental Geographic Information System
EPA	Environmental Protection Agency
gpm	gallons per minute
IDW	investigation derived waste
NPL	National Priorities List
ORP	oxidation-reduction potential
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PID	photo-ionization detector
PRP	potential responsible party
QAPP	Quality Assurance Project Plan
RAC	Response Action Contract
RI/FS	Remedial Investigation/Feasibility Study`
SIM	selective ion monitoring
SVOC	semi-volatile organic compound
TAL	Target Analyte List
TCE	trichloroethene
TCL	Target Compound List
TOC	total organic carbon
µg/kg	microgram per kilogram
µg/L	microgram per liter
VOC	volatile organic compound
WA	work assignment
1,1-DCE	1,1-dichloroethene

Section 5
References

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Tables

CDM

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
CCL Label	CCSB-11-A	4/23/2010	0-4		X	-
	CCSB-11-B	4/23/2010	4-8		X	X
	CCSB-11-C	4/23/2010	8-12		X	-
	CCSB-11-D	4/23/2010	20-24		X	X
	CCSB-11-F	4/23/2010	44-48		X	-
	CCSB-11-G	4/23/2010	56-60		X	-
	CCSB-12-A	4/23/2010	0-4		X	-
	CCSB-12-B	4/23/2010	4-8		X	-
	CCSB-12-C	4/23/2010	8-12		X	X
	CCSB-12-C-DUP	4/23/2010	8-12	Duplicate	X	-
	CCSB-12-D	4/23/2010	20-24		X	-
	CCSB-12-E	4/23/2010	32-36		X	-
	CCSB-12-F	4/23/2010	44-48		X	X
	CCSB-13-A	4/26/2010	0-4		X	-
	CCSB-13-B	4/26/2010	4-8		X	X
	CCSB-13-C	4/26/2010	8-12		X	-
	CCSB-13-D	4/26/2010	20-24		X	-
	CCSB-13-E	4/26/2010	32-36		X	-
	CCSB-13-F	4/26/2010	44-48		X	X
	CCSB-14-A	4/26/2010	0-4		X	-
	CCSB-14-B	4/26/2010	4-8		X	-
	CCSB-14-C	4/26/2010	8-12		X	X
	CCSB-14-C-DUP	4/26/2010	8-12	Duplicate	X	-
	CCSB-14-D	4/26/2010	20-24		X	-
	CCSB-14-E	4/26/2010	32-36		X	-
	CCSB-14-F	4/26/2010	44-48		X	X
	CCSB-14-G	4/26/2010	56-60		X	-
	CCSB-15-A	4/27/2010	0-4		X	-
	CCSB-15-B	4/27/2010	4-8		X	X
	CCSB-15-C	4/27/2010	8-12		X	-
	CCSB-15-D	4/27/2010	20-24		X	-
	CCSB-15-E	4/27/2010	32-36		X	-
	CCSB-15-F	4/27/2010	44-48		X	X
	CCSB-15-G	4/27/2010	56-60		X	-
	CCSB-15-H	4/27/2010	68-72		X	-
	CCSB-16-A	4/27/2010	0-4		X	-
	CCSB-16-B	4/27/2010	4-8		X	X
	CCSB-16-C	4/27/2010	8-12		X	-
	CCSB-16-C-DUP	4/27/2010	8-12	Duplicate	X	-
	CCSB-16-D	4/27/2010	20-24		X	-
	CCSB-16-E	4/27/2010	32-36		X	-
	CCSB-16-F	4/27/2010	44-48		X	X
	CCSB-16-G	4/27/2010	56-60		X	-
	CCSB-16-H	4/27/2010	68-72		X	-
	CCSB-17-A	4/28/2010	0-4		X	-
	CCSB-17-B	4/28/2010	4-8		X	X
	CCSB-17-C	4/28/2010	8-12		X	-

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
CCL Label (continued)	CCSB-17-D	4/28/2010	20-24		X	-
	CCSB-17-E	4/28/2010	32-36		X	X
	CCSB-17-F	4/28/2010	44-48		X	-
	CCSB-17-G	4/28/2010	56-60		X	-
	CCSB-17-H	4/28/2010	68-72		X	-
	CCSB-18-A	4/28/2010	0-4		X	-
	CCSB-18-B	4/28/2010	4-8		X	X
	CCSB-18-C	4/28/2010	8-12		X	-
	CCSB-18-D	4/28/2010	20-24		X	X
	CCSB-18-D-DUP	4/28/2010	20-24	Duplicate	-	X
	CCSB-18-E	4/28/2010	32-36		X	-
	CCSB-18-F	4/28/2010	44-48		X	-
	CCSB-18-G	4/28/2010	56-60		X	-
	CCSB-18-H	4/28/2010	68-72		X	-
Ramallo/Cidra Convention Center	RMSB-11-A	4/29/2010	0-4		X	-
	RMSB-11-B	4/29/2010	4-8		X	-
	RMSB-11-C	4/29/2010	8-12		X	X
	RMSB-11-E	4/29/2010	32-36		X	X
	RMSB-11-F	4/29/2010	44-48		X	-
	RMSB-11-G	4/29/2010	56-60		X	-
	RMSB-11-H	4/29/2010	68-72		X	-
	RMSB-12-A	4/30/2010	0-4		X	-
	RMSB-12-B	4/30/2010	4-8		X	X
	RMSB-12-C	4/30/2010	8-12		X	-
	RMSB-12-C-DUP	4/30/2010	8-12	Duplicate	X	-
	RMSB-12-D	4/30/2010	20-24		X	-
	RMSB-12-E	4/30/2010	32-36		X	X
	RMSB-12-F	4/30/2010	44-48		X	-
	RMSB-12-G	4/30/2010	56-60		X	-
	RMSB-13-A	4/30/2010	0-4		X	-
	RMSB-13-B	4/30/2010	4-8		X	X
	RMSB-13-C	4/30/2010	8-12		X	-
	RMSB-13-D	4/30/2010	20-24		X	-
	RMSB-13-E	4/30/2010	32-36		X	X
	RMSB-13-F	5/3/2010	44-48		X	-
	RMSB-13-G	5/12/2010	56-60		X	-
	RMSB-14-A	5/6/2010	0-4		X	X
	RMSB-14-B	5/6/2010	4-8		X	-
	RMSB-14-C	5/6/2010	8-12		X	-
	RMSB-14-C-DUP	5/6/2010	8-12	Duplicate	X	-
	RMSB-14-D	5/6/2010	20-24		X	-
	RMSB-14-E	5/6/2010	32-36		X	-
	RMSB-14-F	5/6/2010	44-48		X	X
	RMSB-14-G	5/6/2010	56-60		X	-
	RMSB-14-H	5/6/2010	68-72		X	-
	RMSB-15-A	5/6/2010	0-4		X	X
	RMSB-15-B	5/6/2010	4-8		X	-

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
Ramallo/Cidra Convention Center (continued)	RMSB-15-C	5/6/2010	8-12		X	-
	RMSB-15-E	5/6/2010	32-36		X	-
	RMSB-15-F	5/6/2010	44-48		X	-
	RMSB-15-G	5/6/2010	56-60		X	X
	RMSB-15-H	5/6/2010	68-72		X	-
	RMSB-16-A	5/7/2010	0-4		X	-
	RMSB-16-B	5/7/2010	4-8		X	X
	RMSB-16-C	5/7/2010	8-12		X	-
	RMSB-16-D	5/7/2010	20-24		X	-
	RMSB-16-E	5/7/2010	32-36		X	-
	RMSB-16-F	5/7/2010	44-48		X	X
	RMSB-16-G	5/7/2010	56-60		X	-
	RMSB-16-H	5/7/2010	68-72		X	-
	RMSB-17-A	5/7/2010	0-4		X	X
	RMSB-17-B	5/7/2010	4-8		X	-
	RMSB-17-C	5/7/2010	8-12		X	-
	RMSB-17-D	5/7/2010	20-24		X	-
	RMSB-17-E	5/7/2010	32-36		X	X
	RMSB-18-A	5/10/2010	0-4		X	X
	RMSB-18-B	5/10/2010	4-8		X	-
	RMSB-18-C	5/10/2010	8-12		X	-
	RMSB-18-C-DUP	5/10/2010	8-12	Duplicate	X	-
	RMSB-18-D	5/10/2010	20-24		X	-
	RMSB-18-E	5/10/2010	32-36		X	-
	RMSB-18-F	5/10/2010	44-48		X	X
	RMSB-18-G	5/10/2010	56-60		X	-
	RMSB-18-H	5/10/2010	68-72		X	-
	RMSB-19-A	5/12/2010	0-4		X	-
	RMSB-19-B	5/11/2010	4-8		X	X
	RMSB-19-C	5/11/2010	8-12		X	-
	RMSB-19-D	5/11/2010	20-24		X	-
	RMSB-19-E	5/11/2010	32-36		X	-
	RMSB-19-F	5/11/2010	44-48		X	-
	RMSB-19-G	5/11/2010	56-60		X	X
	RMSB-20-A	5/11/2010	0-4		X	X
	RMSB-20-B	5/11/2010	4-8		X	-
	RMSB-20-C	5/11/2010	8-12		X	-
	RMSB-20-D	5/11/2010	20-24		X	-
	RMSB-20-E	5/11/2010	32-36		X	-
	RMSB-20-F	5/11/2010	44-48		X	X
	RMSB-21-A	5/13/2010	0-4		X	-
	RMSB-21-B	5/13/2010	4-8		X	-
	RMSB-21-C	5/13/2010	8-12		X	X
	RMSB-21-D	5/13/2010	20-24		X	-
	RMSB-21-E	5/13/2010	32-36		X	X
	RMSB-21-F	5/13/2010	44-48		X	-
	RMSB-21-G	5/13/2010	56-60		X	-

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
Ramallo/Cidra Convention Center (continued)	RMSB-21-H	5/13/2010	68-72		X	-
	RMSB-22-A	6/2/2010	0-4		X	-
	RMSB-22-B	6/2/2010	4-8		X	-
	RMSB-22-C	6/2/2010	8-12		X	X
	RMSB-22-D	6/2/2010	20-24		X	-
	RMSB-22-E	6/2/2010	32-36		X	-
	RMSB-22-F	6/2/2010	44-48		X	X
	RMSB-22-G	6/2/2010	56-60		X	-
	RMSB-23-A	6/2/2010	0-4		X	-
	RMSB-23-B	6/2/2010	4-8		X	-
	RMSB-23-C	6/2/2010	8-12		X	X
	RMSB-23-D	6/2/2010	20-24		X	X
	RMSB-23-D-DUP	6/2/2010	20-24	Duplicate	X	-
DJ Manufacturing	DJSB-01-A	5/13/2010	0-4		X	-
	DJSB-01-B	5/13/2010	4-8		X	-
	DJSB-01-C	5/13/2010	8-12		X	X
	DJSB-01-C-DUP	5/13/2010	8-12	Duplicate	X	-
	DJSB-02-A	5/14/2010	0-4		X	-
	DJSB-02-B	5/14/2010	4-8		X	-
	DJSB-02-C	5/14/2010	8-12		X	X
	DJSB-02-C-DUP	5/14/2010	8-12	Duplicate	X	-
	DJSB-02-D	5/14/2010	20-24		X	-
	DJSB-02-E	5/14/2010	36-40		X	X
	DJSB-03-A	5/14/2010	0-4		X	-
	DJSB-03-B	5/14/2010	4-8		X	-
	DJSB-03-C	5/14/2010	8-12		X	X
	DJSB-03-D	5/17/2010	20-24		X	-
	DJSB-03-E	5/17/2010	32-36		X	X
	DJSB-03-F	5/17/2010	39-43		X	-
	DJSB-04-A	5/18/2010	0-4		X	-
	DJSB-04-B	5/18/2010	4-8		X	-
	DJSB-04-C	5/18/2010	8-12		X	X
	DJSB-04-D	5/18/2010	20-24		X	-
	DJSB-04-E	5/18/2010	29-33		X	X
	DJSB-05-A	5/18/2010	0-4		X	-
	DJSB-05-B	5/18/2010	4-8		X	-
	DJSB-05-C	5/18/2010	8-12		X	X
	DJSB-05-D	5/19/2010	20-24		X	-
	DJSB-05-E	5/19/2010	32-36		X	X
	DJSB-05-F	5/19/2010	39-43		X	-
ENCO	ENSB-01-A	5/20/2010	0-4		X	-
	ENSB-01-B	5/20/2010	4-8		X	-
	ENSB-01-C	5/20/2010	8-12		X	X
	ENSB-01-C-DUP	5/20/2010	8-12	Duplicate	X	-
	ENSB-01-D	5/20/2010	20-24		X	-
	ENSB-01-E	5/24/2010	32-36		X	X
	ENSB-02-A	5/24/2010	0-4		X	-

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
ENCO (continued)	ENSB-02-B	5/24/2010	4-8		X	-
	ENSB-02-C	5/24/2010	8-12		X	X
	ENSB-02-C-DUP	5/24/2010	8-12	Duplicate	X	-
	ENSB-02-D	5/24/2010	20-24		X	-
	ENSB-02-E	5/24/2010	32-36		X	-
	ENSB-02-F	5/24/2010	44-48		X	X
	ENSB-02-G	5/24/2010	56-60		X	-
	ENSB-03-A	5/25/2010	0-4		X	-
	ENSB-03-B	5/25/2010	4-8		X	-
	ENSB-03-C	5/25/2010	8-12		X	X
	ENSB-03-D	5/25/2010	20-24		X	-
	ENSB-03-E	5/25/2010	32-36		X	-
	ENSB-03-F	5/25/2010	44-48		X	-
	ENSB-03-G	5/25/2010	56-60		X	X
	ENSB-04-A	5/25/2010	0-4		X	-
	ENSB-04-B	5/25/2010	4-8		X	X
	ENSB-04-C	5/26/2010	8-12		X	-
	ENSB-05-A	5/26/2010	0-4		X	-
	ENSB-05-B	5/26/2010	4-8		X	-
	ENSB-05-C	5/26/2010	8-12		X	X
	ENSB-05-C-DUP	5/26/2010	8-12	Duplicate	-	X
	ENSB-06-A	5/27/2010			X	X
	ENSB-06-B	5/27/2010			X	-
	ENSB-07-A	5/28/2010			X	-
	ENSB-07-B	5/28/2010			X	-
	ENSB-07-C	5/28/2010			X	X
	ENSB-07-C-DUP	5/28/2010		Duplicate	X	-
	ENSB-07-D	6/1/2010			X	-
	ENSB-07-E	6/1/2010			X	-
	ENSB-07-F	6/1/2010			X	X
	ENSB-07-G	6/1/2010			X	-
	ENSB-07-H	6/1/2010			X	-
ESSO	ESSB-15-A	5/27/2010	0-4		X	-
	ESSB-15-B	5/27/2010	4-8		X	-
	ESSB-15-C	5/27/2010	8-12		X	X
	ESSB-15-C-DUP	5/27/2010	8-12	Duplicate	X	-
	ESSB-15-D	5/27/2010	20-24		X	-
	ESSB-15-F	5/27/2010	44-48		X	X
	ESSB-15-F-DUP	5/27/2010	44-48	Duplicate	-	X
	ESSB-15-G	5/27/2010	56-60		X	-
	ESSB-16-C	5/28/2010	8-12		X	X
	ESSB-16-D	5/28/2010	20-24		X	-
	ESSB-16-E	5/28/2010	32-36		X	-
	ESSB-16-F	5/28/2010	44-48		X	X
	ESSB-16-G	5/28/2010	56-60		X	-

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
International Dry Cleaner	IDCSB-05-A	6/3/2010	0-4		X	-
	IDCSB-05-B	6/3/2010	4-8		X	-
	IDCSB-05-C	6/3/2010	8-12		X	X
	IDCSB-05-C-DUP	6/3/2010	8-12	Duplicate	X	-
	IDCSB-05-D	6/3/2010	20-24		X	-
	IDCSB-05-E	6/3/2010	32-36		X	X
	IDCSB-05-F	6/3/2010	44-48		X	-
	IDCSB-05-G	6/3/2010	56-60		X	-
	IDCSB-06-A	6/3/2010	0-4		X	-
	IDCSB-06-B	6/3/2010	4-8		X	-
	IDCSB-06-C	6/3/2010	8-12		X	X
	IDCSB-06-D	6/4/2010	20-24		X	-
	IDCSB-06-E	6/4/2010	32-36		X	-
	IDCSB-06-F	6/4/2010	44-48		X	X
	IDCSB-06-G	6/4/2010	56-60		X	-
	IDCSB-07-A	6/4/2010	0-4		X	-
	IDCSB-07-B	6/4/2010	4-8		X	-
	IDCSB-07-C	6/4/2010	8-12		X	X
	IDCSB-07-C-DUP	6/4/2010	8-12	Duplicate	X	-
	IDCSB-07-D	6/4/2010	20-24		X	-
	IDCSB-07-E	6/4/2010	32-36		X	-
	IDCSB-07-F	6/4/2010	44-48		X	X
	IDCSB-08-A	6/7/2010	0-4		X	-
	IDCSB-08-B	6/7/2010	4-8		X	-
	IDCSB-08-C	6/7/2010	8-12		X	X
	IDCSB-08-D	6/7/2010	20-24		X	X
	IDCSB-08-D-DUP	6/7/2010	20-24	Duplicate	X	X
	IDCSB-08-E	6/7/2010	32-36		X	-
	IDCSB-08-F	6/7/2010	44-48		X	-
	IDCSB-08-G	6/7/2010	56-60		X	-
	IDCSB-09-A	6/7/2010	0-4		X	-
	IDCSB-09-B	6/7/2010	4-8		X	-
	IDCSB-09-C	6/7/2010	8-12		X	X
	IDCSB-09-D	6/8/2010	20-24		X	-
	IDCSB-09-E	6/8/2010	32-36		X	X
	IDCSB-09-F	6/8/2010	44-48		X	-
	IDCSB-10-A	6/8/2010	0-2		X	-
	IDCSB-10-B	6/8/2010	2-4		X	-
	IDCSB-10-C	6/8/2010	4-6		X	X
	IDCSB-11-A	6/8/2010	0-2		X	-
	IDCSB-11-B	6/8/2010	2-4		X	-
	IDCSB-11-C	6/8/2010	4-6		X	X
	IDCSB-12-A	6/8/2010	0-2		X	-
	IDCSB-12-B	6/8/2010	2-4		X	-
	IDCSB-13-A	6/8/2010	0-2		X	-
	IDCSB-13-B	6/8/2010	2-4		X	-
	IDCSB-13-C	6/8/2010	4-6		X	X
	IDCSB-14-A	6/8/2010	0-2		X	-
	IDCSB-14-B	6/8/2010	2-4		X	X

Table 1-1
Stage 2 Source Area Soil Boring Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Source Area	Sample ID	Sampling Date	Depth bgs (feet)	QC Sample Type	TCL VOC	Grain Size, TOC, pH
QC Samples	FB-042310	4/23/2010		Field Blank	X	-

Notes:
bgs - below ground surface
ID - identification
QC - quality control
TCL VOCs - Total Compound List Volatile Organic Compounds
DUP- Duplicate
FB- Field Blank
TOC - total organic carbon
CC - CCV Label
RM - Romallo/Cidra Convention Center
DJ - DJ Manufacturing
EN - ENCO
IDC - International Dry Cleaners

Table 1-2
Saprolite Monitoring Well Construction Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Well ID	Easting (feet)	Northing (feet)	Ground Surface Elevation (feet amsl)	Casing Diameter and Material	Screen Slot Size	Top of Well Screen (feet bgs)	Bottom of Well Screen (feet bgs)	Well Depth (feet bgs)
SMW-1	750892.59	779025.04	1373.99	4-inch PVC	0.01	48	58	62
SMW-2	750883.74	780101.34	1383.78	4-inch PVC	0.01	94	104	108
SMW-3	750631.32	779801.5	1370.52	4-inch PVC	0.01	65	75	77
SMW-5	750691.14	779199.51	1369.58	4-inch PVC	0.01	48	59	61
SMW-9	751022.35	779219.25	1375.96	4-inch PVC	0.01	82	92	94.6
SMW-10	751092.75	779149.85	1375.54	4-inch PVC	0.01	62	72	77
SMW-12	750789.57	779689	1376.79	4-inch PVC	0.01	78	88	92

Notes:
ID - identification
bgs - below ground surface
amsl - above mean sea level
PVC - polyvinyl chloride
SMW - Saprolite monitoring well

Table 1-3a
Potentiometric Water Level Measurements - Multiport Wells
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Well ID	Port	Port Tag Elevation (feet amsl)	Port Depth (feet bgs)	Port Elevation (feet amsl)	Depth to Water (feet bgs)	Water Level Elevation (feet amsl)
MPW-1	1	1376.63	125	1248.997	42.13	1334.50
	2	1376.63	138	1235.997	42.11	1334.52
	3	1376.63	154	1219.997	42.11	1334.52
	4	1376.63	232.5	1141.497	41.55	1335.08
	5	1376.63	247	1126.997	41.51	1335.12
	6	1376.63	281	1092.997	41.5	1335.13
MPW-2	1	1375.43	149	1223.858	41.62	1333.81
	2	1375.43	170	1202.858	41.58	1333.85
	3	1375.43	183	1189.858	41.63	1333.80
	4	1375.43	218	1154.858	41.75	1333.68
MPW-3	1	1361.88	138.5	1220.999	29.26	1332.62
	2	1361.88	156	1203.499	29.45	1332.43
	3	1361.88	171	1188.499	29.53	1332.35
	4	1361.88	183	1176.499	29.55	1332.33
	5	1361.88	199	1160.499	29.53	1332.35
MPW-4	1	1364.58	143.5	1238.525	31.14	1333.44
	2	1364.58	156	1226.025	31.08	1333.50
	3	1364.58	169	1213.025	30.94	1333.64
	4	1364.58	217	1165.025	30.84	1333.74
MPW-5	1	1372.00	137	1232.335	38.28	1333.72
	2	1372.00	151	1218.335	38.2	1333.80
	3	1372.00	163.5	1205.835	38.17	1333.83
	4	1372.00	207	1162.335	38.56	1333.44
	5	1372.00	267	1102.335	38.54	1333.46
	6	1372.00	282	1087.335	38.54	1333.46
	7	1372.00	313	1056.335	38.51	1333.49

Notes:
bgs - below ground surface
amsl - above mean sea level
MPW - multiport well
ID - identification

Table 1 - 3b
Potentiometric Water Level Elevations - Conventional Wells
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Well ID	Inner Casing Elevation (feet amsl)	8/3/2010		10/20/2010	
		Depth to Water (feet btic)	Water Elevation (feet amsl)	Depth to Water (feet btic)	Water Elevation (feet amsl)
SMW-1	1,376.92	42.31	1,334.61	41.56	1,335.36
SMW-2	1,383.61	49.23	1,334.38	48.61	1,335.00
SMW-3	1,370.29	36.50	1,333.79	35.74	1,334.55
SMW-5	1,372.18	38.22	1,333.96	37.55	1,334.63
SMW-9	1,375.70	41.18	1,334.52	39.38	1,336.32
SMW-10	1,375.43	39.75	1,335.68	38.80	1,336.63
SMW-12	1,379.15	45.12	1,334.03	44.50	1,334.65
MPW-6-P5	1,401.23	-	-	65.53	1,335.70
Cidra-3	1,360.35	26.98	1,333.37	26.98	1,333.37
Cidra-4	1,373.78	39.84	1,333.94	39.84	1,333.94
Cidra-6	1,371.44	37.42	1,334.02	37.42	1,334.02
Cidra-8	1,360.81	29.00	1,331.81	29.00	1,331.81
IVAX-2	-	63.15	-	-	-
IVAX-abandoned	1,398.78	63.14	1,335.64	63.14	1,335.64

Notes:
ID - identification
btic - below top of inner casing
amsl - above mean sea level
SMW - Saprolite monitoring well
MPW-6-P5 Multiport well was abandoned and reinstalled as a conventional well in port 5

Table 1-4
Stage 2 Groundwater Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Well Type	Well ID	Port	Sample ID	Sample Date	Top of Interval (feet bgs)	Bottom of Interval (feet bgs)	Nitrogren Sampling Pressure (psi)	TCL VOCs	TAL Metals, CN, Hg	Wet Chemistry*	Notes
Multi-port Wells	MPW-1	1	MPW-1-P1-S2	7/20/10	121	129	60	X	X	X	
		2	MPW-1-P2-S2	7/20/10	132	144	60	X	X	Hardness	
		3	MPW-1-P3-S2	7/20/10	148	160	60	X	X	X	
		4	MPW-1-P4-S2	7/20/10	228	237	60	X	X	Hardness	
		5	MPW-1-P5-S2	7/20/10	241	253	80	X	X	Hardness	
		6	MPW-1-P6-S2	7/20/10	276	288	80	X	X	X	
	MPW-2	1	MPW-2-P1-S2	7/22/10	144	154	80	X	X	X	
		2	MPW-2-P2-S2	7/22/10	165	175	80	X	X	Hardness	
		3	MPW-2-P3-S2	7/22/10	178	188	80	X	X	Hardness	
		4	MPW-2-P4-S2	7/22/10	214	222	80	X	X	X	
	MPW-3	1	MPW-3-P1-S2	7/22/10	131	146	80	X	X	X	
		2	MPW-3-P2-S2	7/22/10	150	162	80	X	X	Hardness	
		3	MPW-3-P3-S2	7/22/10	168	174	80	X	X	X	
		4	MPW-3-P4-S2	7/22/10	178	188	80	X	X	Hardness	
		5	MPW-3-P5-S2	7/22/10	194	204	80	X	X	X	
	MPW-4	1	MPW-4-P1-S2	7/23/10	138	149	60	X	X	X	
		2	MPW-4-P2-S2	7/23/10	152	160	60	X	X	Hardness	
		3	MPW-4-P3-S2	7/23/10	164	174	60	X	X	Hardness	
		4	MPW-4-P4-S2	7/23/10	210	224	60	X	X	X	
	MPW-5	1	MPW-5-P1-S2	7/21/2010	130	144	80	X	X	X	
		2	MPW-5-P2-S2	7/21/2010	148	154	80	X	X	Hardness	
		3	MPW-5-P3-S2	7/21/2010	157	170	80	X	X	Hardness	
		4	MPW-5-P4-S2	7/21/2010	202	212	80	X	X	X	
		5	MPW-5-P5-S2	7/21/2010	260	274	80	X	X	Hardness	
		6	MPW-5-P6-S2	7/21/2010	277	287	80	X	X	X	
		7	MPW-5-P7-S2	7/21/2010	302	324	80	X	X	X	
		7	MPW-5-P7-S2-DUP	7/21/2010	302	324	80	X	X	X	Duplicate
Conventional Wells	SMW-1	NA	SMW-1-S2	7/26/10	48	58	NA	X	X	X	
			SMW-1-S2-DUP	7/26/10	48	58		X	X	X	Duplicate
	SMW-2		SMW-2-S2	7/26/10	94	104		X	X	X	
	SMW-3		SMW-3-S2	7/26/10	65	75		X	X	X	
	SMW-5		SMW-5-S2	7/26/10	48	59		X	X	X	
	SMW-9		SMW-9-S2	7/27/10	82	92		X	X	X	
	SMW-10		SMW-10-S2	7/29/10	62	72		X	X	X	
			SMW-10-S2-DUP	7/29/10	62	72		X	X	X	Duplicate
	SMW-12		SMW-12-S2	7/28/10	78	88		X	X	X	
	MPW-6-P5**		MPW-6-P5-S2	7/30/10	236	246		X	X	X	
Supply Wells	Cidra-3	NA	CIDRA-3-S2	7/27/10	Unknown		NA	X	X	Hardness	
	Cidra-4		CIDRA-4-S2	7/27/10	Unknown			X	X	Hardness	
	Cidra-6		CIDRA-6-S2	7/28/10	Unknown			X	X	Hardness	
	Cidra-8		CIDRA-8-S2	7/28/10	Unknown			X	X	Hardness	
	IVAX-2		IVAX-2-S2	7/23/10	Unknown			X	X	Hardness	
			IVAX-2-S2-DUP	7/23/10	Unknown			X	X	Hardness	Duplicate
	IVAX-Abandoned		IVAX-Abandoned-S2	7/28/10	Unknown			X	X	Hardness	

Table 1-4
Stage 2 Groundwater Sample Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Well Type	Well ID	Port	Sample ID	Sample Date	Top of Interval (feet bgs)	Bottom of Interval (feet bgs)	Nitrogren Sampling Pressure (psi)	TCL VOCs	TAL Metals, CN, Hg	Wet Chemistry*	Notes
QC Samples	TB-01-072010		NA	7/20/10	NA	NA	NA	X	-	-	Trip Blank
	TB-02-072110			7/21/10				X	-	-	Trip Blank
	TB-03-072210			7/22/10				X	-	-	Trip Blank
	TB-04-072310			7/23/10				X	-	-	Trip Blank
	TB-05-072610			7/26/10				X	-	-	Trip Blank
	TB-06-072710			7/27/10				X	-	MEE	Trip Blank
	TB-07-072810			7/28/10				X	-	MEE	Trip Blank
	TB-08-072910			7/29/10				X	-	MEE	Trip Blank
	TB-09-073010			7/30/10				X	-	MEE	Trip Blank
	FB-02-072710			7/27/10				X	X	MEE, Hardness	Field Blank
	FB-01-072610			7/26/10				X	X	MEE, Hardness	Field Blank
	FB-03-072810			7/28/10				X	X	MEE, Hardness	Field Blank
	FB-04-072910			7/29/10				X	X	MEE, Hardness	Field Blank
	FB-05-073010			7/30/10				X	X	MEE, Hardness	Field Blank

Notes:
NA- Not applicable
TCL VOCs - Total Compound List Volatile Organic Compounds
TAL - Target Analyte List
ID - identification
bgs - below ground surface
psi - pounds per square inch
CN - cyanide
Hg - mercury
FB - field blank
TB - trip blank
QC - quality control
TOC - total organic carbon
TDS - total dissolved solids
TKN - total Kjeldahl nitrogen
TSS - total suspended solids
MEE- methane, ethane, ethene
*Wet Chemistry (parameters include chloride, MEE, nitrate, nitrite, sulfate, sulfide, TOC, TDS, TSS, alkalinity, ammonia, hardness, and TKN)
** MPW-06 was abandoned and reinstalled as a conventional well with the screen intervals the same as for Port 5

Table 2-1
Site-specific VOC Soil Screening Criteria
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Cas Rn	Chemical Name	Unit	Screening Criteria
75-71-8	Dichlorodifluoromethane	µg/Kg	N/A
74-87-3	Chloromethane	µg/Kg	N/A
75-01-4	Vinyl Chloride	µg/Kg	10
74-83-9	Bromomethane	µg/Kg	200
75-00-3	Chloroethane	µg/Kg	N/A
75-69-4	Trichlorofluoromethane	µg/Kg	N/A
75-35-4	1,1-Dichloroethene	µg/Kg	60
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	µg/Kg	N/A
67-64-1	Acetone	µg/Kg	16,000
75-15-0	Carbon Disulfide	µg/Kg	32,000
79-20-9	Methyl Acetate	µg/Kg	N/A
75-09-2	Methylene Chloride	µg/Kg	20
156-60-5	trans-1,2-Dichloroethene	µg/Kg	700
1634-04-4	Methyl tert-Butyl Ether	µg/Kg	N/A
75-34-3	1,1-Dichloroethane	µg/Kg	23,000
156-59-2	cis-1,2-Dichloroethene	µg/Kg	400
78-93-3	2-Butanone	µg/Kg	N/A
74-97-5	Chlorobromomethane	µg/Kg	N/A
67-66-3	Chloroform	µg/Kg	600
71-55-6	1,1,1-Trichloroethane	µg/Kg	2,000
110-82-7	Cyclohexane	µg/Kg	N/A
56-23-5	Carbon Tetrachloride	µg/Kg	70
71-43-2	Benzene	µg/Kg	30
107-06-2	1,2-Dichloroethane	µg/Kg	20
123-91-1	1,4-Dioxane	µg/Kg	N/A
79-01-6	Trichloroethene	µg/Kg	60
108-87-2	Metylcyclohexane	µg/Kg	N/A
78-87-5	1,2-Dichloropropane	µg/Kg	30
75-27-4	Bromodichloromethane	µg/Kg	600
10061-01-5	cis-1,3-Dichloropropene	µg/Kg	N/A
108-10-1	4-Methyl-2-pentanone	µg/Kg	N/A
108-88-3	Toluene	µg/Kg	12,000
10061-02-6	trans-1,3-Dichloropropene	µg/Kg	N/A
79-00-5	1,1,2-Trichloroethane	µg/Kg	20
127-18-4	Tetrachloroethene	µg/Kg	60
591-78-6	2-Hexanone	µg/Kg	N/A
124-48-1	Dibromochloromethane	µg/Kg	400
106-93-4	1,2-Dibromoethane	µg/Kg	N/A
108-90-7	Chlorobenzene	µg/Kg	1,000
100-41-4	Ethylbenzene	µg/Kg	13,000
95-47-6	o-Xylene	µg/Kg	190,000
179601-23-1	m,p-Xylene	µg/Kg	N/A
100-42-5	Styrene	µg/Kg	4,000
75-25-2	Bromoform	µg/Kg	800
98-82-8	Isopropylbenzene	µg/Kg	N/A
79-34-5	1,1,2,2-Tetrachloroethane	µg/Kg	3
541-73-1	1,3-Dichlorobenzene	µg/Kg	N/A
106-46-7	1,4-Dichlorobenzene	µg/Kg	2,000
95-50-1	1,2-Dichlorobenzene	µg/Kg	17,000
96-12-8	1,2-Dibromo-3-chloropropane	µg/Kg	N/A
120-82-1	1,2,4-Trichlorobenzene	µg/Kg	5,000
87-61-6	1,2,3-Trichlorobenzene	µg/Kg	N/A

Notes:
Soil screening criteria is derived from EPA Region 9 Preliminary Remediation Goal (PRG) Soil Screening Levels. Migration to Groundwater with a Dilution Attenuation Factor (DAF) of 20 (October 2004)
µg/Kg - micrograms per kilogram
N/A - no value available

Table 2-2
Site-specific VOC Groundwater Screening Criteria
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Cas Rn	Chemical Name	Unit	Screening Criteria
75-71-8	Dichlorodifluoromethane	µg/L	N/A
74-87-3	Chloromethane	µg/L	N/A
75-01-4	Vinyl Chloride	µg/L	2
74-83-9	Bromomethane	µg/L	N/A
75-00-3	Chloroethane	µg/L	N/A
75-69-4	Trichlorofluoromethane	µg/L	N/A
75-35-4	1,1-Dichloroethene	µg/L	7
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	µg/L	N/A
67-64-1	Acetone	µg/L	N/A
75-15-0	Carbon Disulfide	µg/L	N/A
79-20-9	Methyl Acetate	µg/L	N/A
75-09-2	Methylene Chloride	µg/L	N/A
156-60-5	trans-1,2-Dichloroethene	µg/L	100
1634-04-4	Methyl tert-Butyl Ether	µg/L	N/A
75-34-3	1,1-Dichloroethane	µg/L	N/A
156-59-2	cis-1,2-Dichloroethene	µg/L	70
78-93-3	2-Butanone	µg/L	N/A
74-97-5	Chlorobromomethane	µg/L	N/A
67-66-3	Chloroform	µg/L	80
71-55-6	1,1,1-Trichloroethane	µg/L	200
110-82-7	Cyclohexane	µg/L	N/A
56-23-5	Carbon Tetrachloride	µg/L	5
71-43-2	Benzene	µg/L	5
107-06-2	1,2-Dichloroethane	µg/L	5
123-91-1	1,4-Dioxane	µg/L	N/A
79-01-6	Trichloroethene	µg/L	5
108-87-2	Metylcyclohexane	µg/L	N/A
78-87-5	1,2-Dichloropropane	µg/L	5
75-27-4	Bromodichloromethane	µg/L	N/A
10061-01-5	cis-1,3-Dichloropropene	µg/L	N/A
108-10-1	4-Methyl-2-pentanone	µg/L	N/A
108-88-3	Toluene	µg/L	1,000
10061-02-6	trans-1,3-Dichloropropene	µg/L	N/A
79-00-5	1,1,2-Trichloroethane	µg/L	5
127-18-4	Tetrachloroethene	µg/L	5
591-78-6	2-Hexanone	µg/L	N/A
124-48-1	Dibromochloromethane	µg/L	N/A
106-93-4	1,2-Dibromoethane	µg/L	N/A
108-90-7	Chlorobenzene	µg/L	100
100-41-4	Ethylbenzene	µg/L	700
95-47-6	o-Xylene	µg/L	N/A
179601-23-1	m,p-Xylene	µg/L	N/A
100-42-5	Styrene	µg/L	100
75-25-2	Bromoform	µg/L	N/A
98-82-8	Isopropylbenzene	µg/L	N/A
79-34-5	1,1,2,2-Tetrachloroethane	µg/L	N/A
541-73-1	1,3-Dichlorobenzene	µg/L	N/A
106-46-7	1,4-Dichlorobenzene	µg/L	75
95-50-1	1,2-Dichlorobenzene	µg/L	600
96-12-8	1,2-Dibromo-3-chloropropane	µg/L	0.2
120-82-1	1,2,4-Trichlorobenzene	µg/L	70
87-61-6	1,2,3-Trichlorobenzene	µg/L	N/A

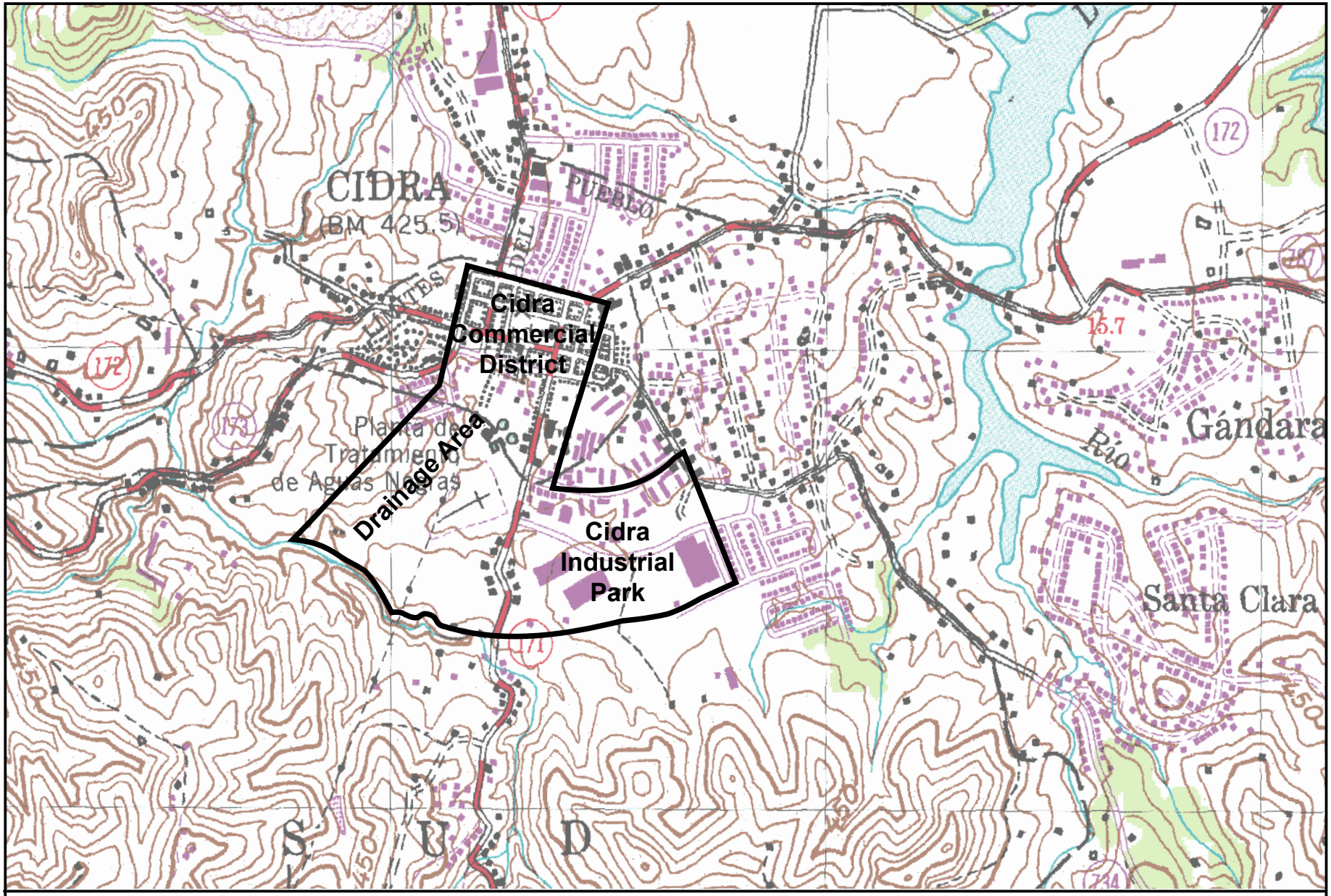
Notes:
Groundwater screening criteria is derived from EPA Maximum Contaminant Levels (MCLs) and Puerto Rico Water Quality Standards (as ammended, March 2003)
µg/L - micrograms per Liter
N/A - no value available

Table 3-1
Proposed Stage 2a Groundwater Screening and Monitoring Wells
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Boring/Well Type	Location	Rationale	Assumptions
Saprolite Well	Upgradient of Ramallo	Background well in saprolite zone	• Drill using air rotary due to previous refusal with HSAs • Screen at first water-bearing interval, similar to existing saprolite well depths
Saprolite Well	Sidegradient of SMW-1 (between SMW-1 and SMW-5)	Delineate the northwestern side of PCE plume in saprolite zone	• Drill using 6.25 inch ID HSAs • Screen at first water-bearing unit, similar to existing saprolite wells
Saprolite Well	Sidegradient of SMW-1 and SMW-10	Delineate the southern side of PCE plume in saprolite zone	
Saprolite Well	Downgradient of SMW-1	Delineate the leading edge of PCE plume in saprolite zone	
Saprolite Well (deep)	Adjacent to SMW-1	These wells will be used to delineate the vertical extent of PCE in bottom of saprolite zone immediately downgradient of the source at Ramallo (i.e, determine if a larger contaminant mass is sitting on top of the bedrock).	• Drill using air rotary in order to advance the borehole through the saprolite • Case off approximately 10 feet into saprolite • Screen just above top of bedrock (approximately 100 feet deep)
Saprolite Well (deep)	Adjacent to SMW-10		
Saprolite Well (contingency)	Groundwater screening boring with evidence of VOC contamination	Obtain definitive-level data to monitor contamination migrating from International Dry Cleaners.	• Drill using 6.25 inch ID HSAs • Screen at first water-bearing unit, similar to existing saprolite wells
Groundwater Screening Boring	West of SMW-2 (Funeral Home Parking Lot)	Determine if contamination in fine-grained soils underlying International Dry Cleaners has migrated to the saprolite zone. Currently, there is no evidence of VOC contamination in nearby saprolite well SMW-2.	• Groundwater samples with 48-hour turnaround time. • Drill using 3.75 inch ID HSAs with screened lead auger (assume that smaller augers can drill deeper into the saprolite zone) • Sample at 10-foot intervals starting at first water-bearing interval to refusal
Groundwater Screening Boring	West of International Dry Cleaners		

Notes:
HSA – hollow-stem auger
ID – inner diameter
PCE – tetrachloroethene
VOC – volatile organic compound

Figures



Source USGS 7.5 Minute Series Topographic Map, Comerio Quadrangle, Puerto Rico

Site Area

N

approximate scale

0 0.25 0.5 miles

Figure 1-1
Site Location Map
Technical Memorandum
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005950

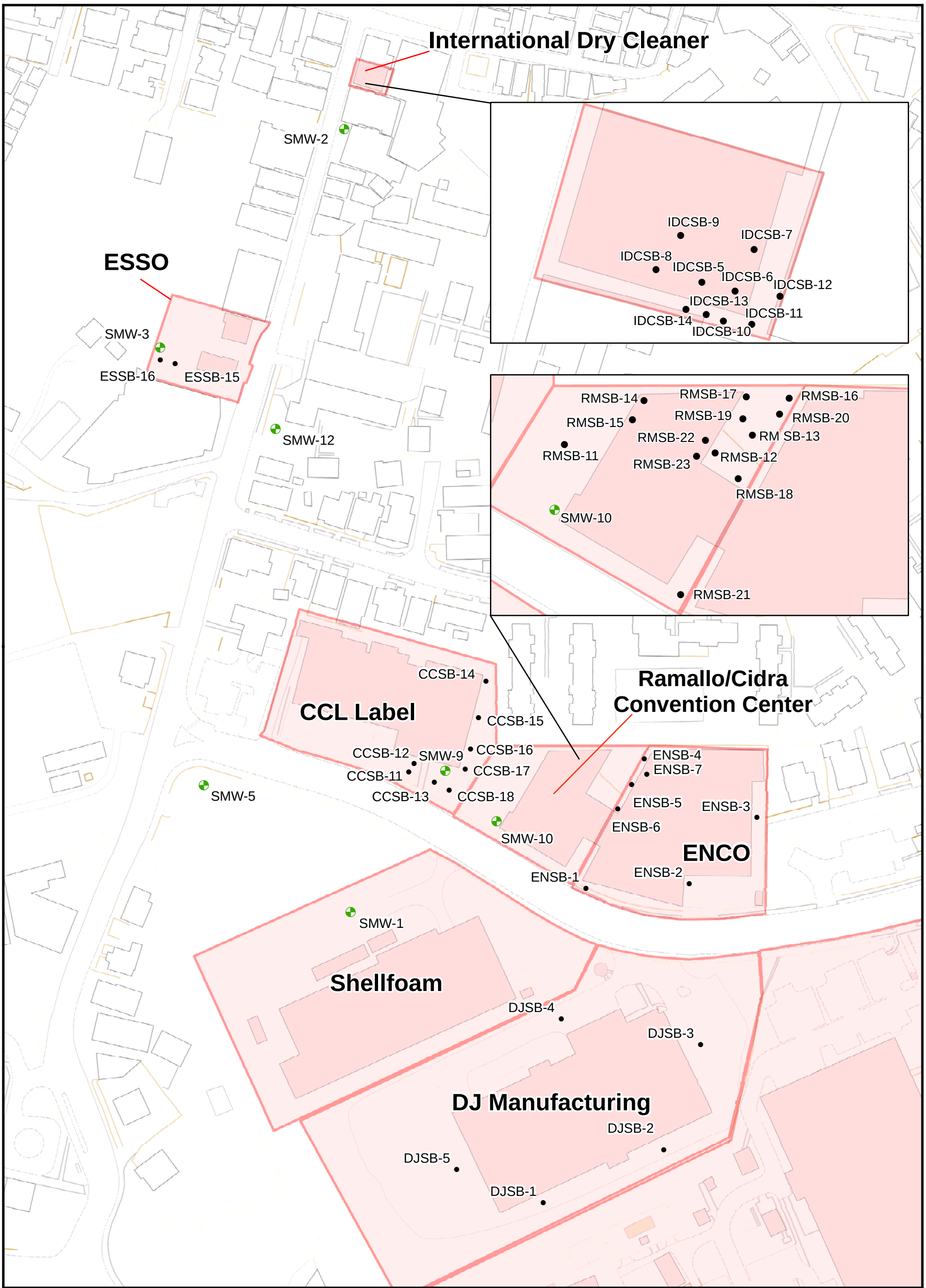
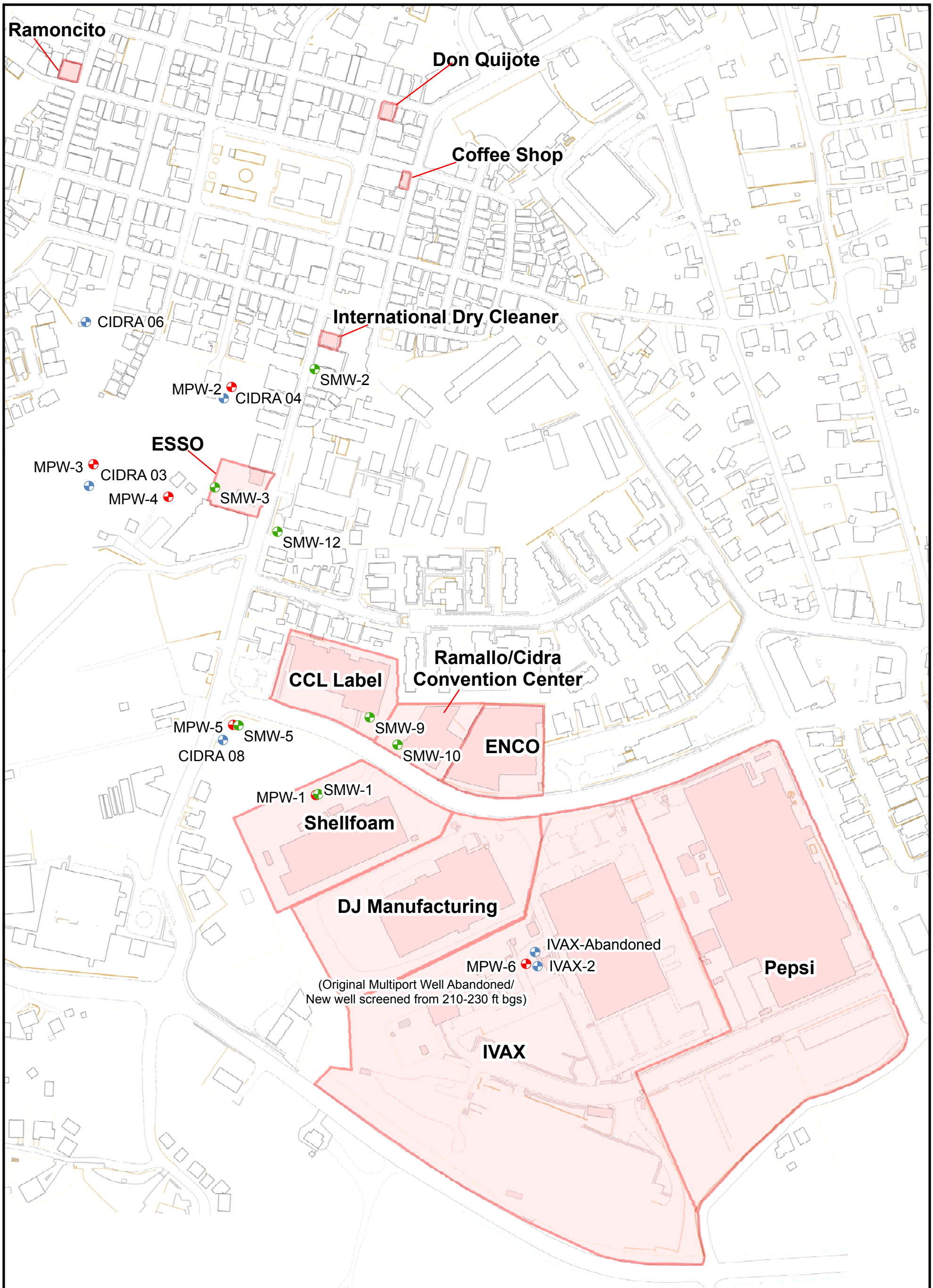


Figure 1-2
Source Area Soil Boring & Saprolite Monitoring Well Locations
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005951



Saprolite Monitoring Wells
Supply Wells
Multiport Wells
Property Boundary

N

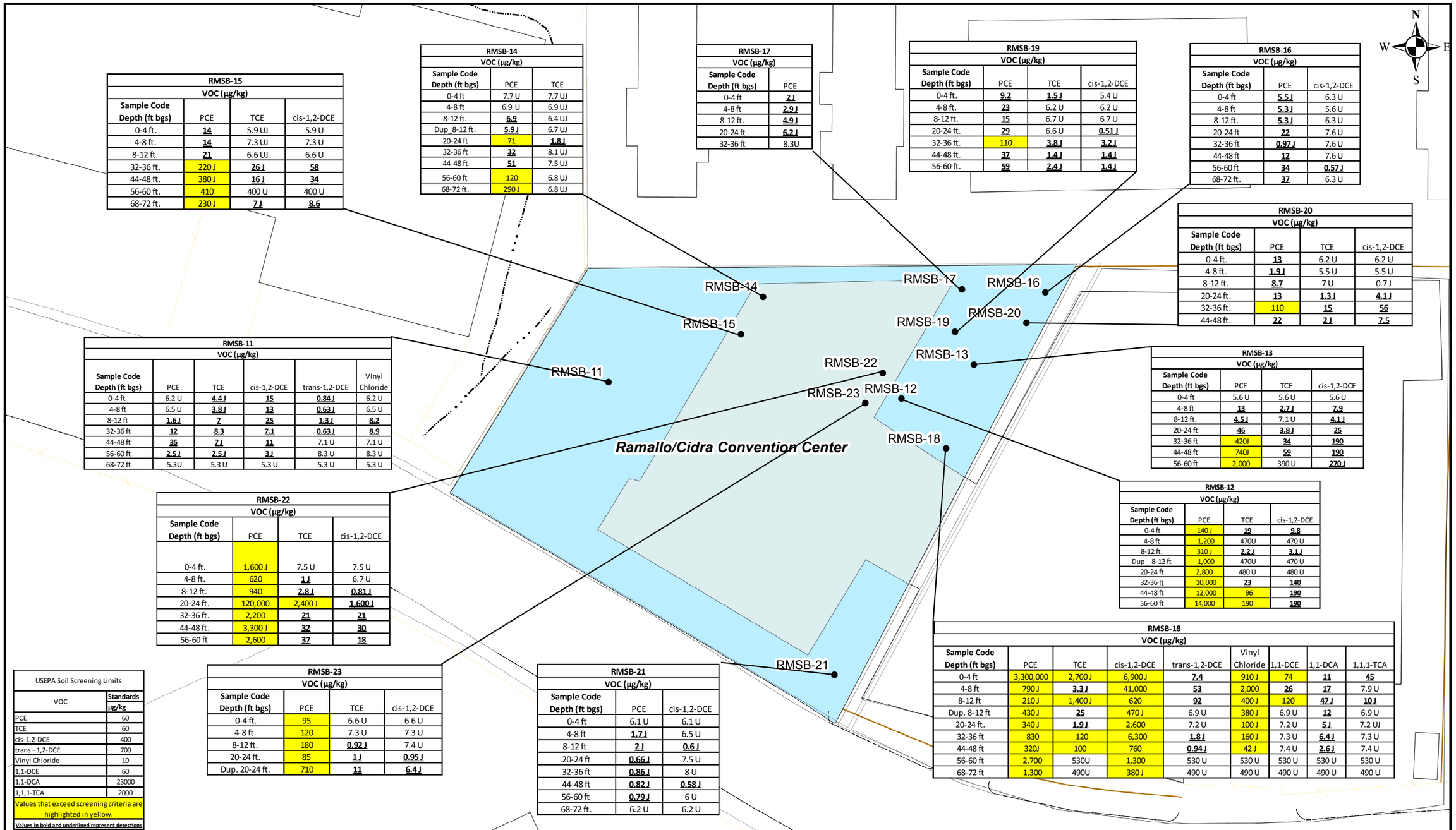
Scale

0 150 300 600 Feet

Figure 1-3
Monitoring and Supply Well Locations - Stage 2 Groundwater Sampling
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005952



RMSB-15 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	**14**	5.9 UJ	5.9 U
4-8 ft.	**14**	7.3 UJ	7.3 U
8-12 ft.	**21**	6.6 UJ	6.6 U
32-36 ft.	220 J	**26 J**	**58**
44-48 ft.	380 J	**16 J**	**34**
56-60 ft.	410	400 U	400 U
68-72 ft.	230 J	**7 J**	**8.6**

RMSB-14 VOC (µg/kg)		
Sample Code Depth (ft bgs)	PCE	TCE
0-4 ft	7.7 U	7.7 UJ
4-8 ft	6.9 U	6.9 UJ
8-12 ft.	**6.9**	6.4 UJ
Dup_8-12 ft.	**5.9 J**	6.7 UJ
20-24 ft	71	**1.8 J**
32-36 ft	**32**	8.1 UJ
44-48 ft	**51**	7.5 UJ
56-60 ft	120	6.8 UJ
68-72 ft.	290 J	6.8 UJ

RMSB-17 VOC (µg/kg)	
Sample Code Depth (ft bgs)	PCE
0-4 ft	**2 J**
4-8 ft	**2.9 J**
8-12 ft.	**4.9 J**
20-24 ft	**6.2 J**
32-36 ft	8.3U

RMSB-19 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	**9.2**	**1.5 J**	5.4 U
4-8 ft.	**23**	6.2 U	6.2 U
8-12 ft.	**15**	6.7 U	6.7 U
20-24 ft.	**29**	6.6 U	**0.51 J**
32-36 ft.	110	**3.8 J**	**3.2 J**
44-48 ft.	**37**	**1.4 J**	**1.4 J**
56-60 ft.	**59**	**2.4 J**	**1.4 J**

RMSB-16 VOC (µg/kg)		
Sample Code Depth (ft bgs)	PCE	cis-1,2-DCE
0-4 ft	**5.5 J**	6.3 U
4-8 ft	**5.3 J**	5.6 U
8-12 ft.	**5.3 J**	6.3 U
20-24 ft	**22**	7.6 U
32-36 ft	**0.97 J**	7.6 U
44-48 ft	**12**	7.6 U
56-60 ft	**34**	**0.57 J**
68-72 ft.	**37**	6.3 U

RMSB-20 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	**13**	6.2 U	6.2 U
4-8 ft.	**1.9 J**	5.5 U	5.5 U
8-12 ft.	**8.7**	7 U	0.7 J
20-24 ft.	**13**	**1.3 J**	**4.1 J**
32-36 ft.	110	**15**	**56**
44-48 ft.	**22**	**2 J**	**7.5**

RMSB-11 VOC (µg/kg)					
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
0-4 ft	6.2 U	**4.4 J**	**15**	**0.84 J**	6.2 U
4-8 ft	6.5 U	**3.8 J**	**13**	**0.63 J**	6.5 U
8-12 ft	**1.6 J**	**7**	**25**	**1.3 J**	**8.2**
32-36 ft	**12**	**8.3**	**7.1**	**0.63 J**	**8.9**
44-48 ft	**35**	**7 J**	**11**	7.1 U	7.1 U
56-60 ft	**2.5 J**	**2.5 J**	**3 J**	8.3 U	8.3 U
68-72 ft	5.3U	5.3 U	5.3 U	5.3 U	5.3 U

RMSB-13 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft	5.6 U	5.6 U	5.6 U
4-8 ft	**13**	**2.7 J**	**7.9**
8-12 ft.	**4.5 J**	7.1 U	**4.1 J**
20-24 ft	**46**	**3.8 J**	**25**
32-36 ft	420J	**34**	**190**
44-48 ft	740J	**59**	**190**
56-60 ft	2,000	390 U	**270 J**

RMSB-22 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	1,600 J	7.5 U	7.5 U
4-8 ft.	620	**1 J**	6.7 U
8-12 ft.	940	**2.8 J**	**0.81 J**
20-24 ft.	120,000	2,400 J	**1,600 J**
32-36 ft.	2,200	**21**	**21**
44-48 ft.	3,300 J	**32**	**30**
56-60 ft	2,600	**37**	**18**

RMSB-12 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft	140 J	**19**	**9.8**
4-8 ft	1,200	470U	470 U
8-12 ft.	310 J	**2.2 J**	**3.1 J**
Dup _ 8-12 ft	1,000	470U	470 U
20-24 ft	2,800	480 U	480 U
32-36 ft	10,000	**23**	**140**
44-48 ft	12,000	96	**190**
56-60 ft	14,000	190	**190**

RMSB-18 VOC (µg/kg)								
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1-DCE	1,1-DCA	1,1,1-TCA
0-4 ft	3,300,000	2,700 J	6,900 J	**7.4**	910 J	74	**11**	**45**
4-8 ft	790 J	**3.3 J**	41,000	**53**	2,000	**26**	**17**	7.9 U
8-12 ft	210 J	1,400 J	620	**92**	400 J	120	**47 J**	**10 J**
Dup. 8-12 ft	430 J	**25**	470 J	6.9 U	380 J	6.9 U	**12**	6.9 U
20-24 ft.	340 J	**1.9 J**	2,600	7.2 U	100 J	7.2 U	**5 J**	7.2 UJ
32-36 ft	830	120	6,300	**1.8 J**	160 J	7.3 U	**6.4 J**	7.3 U
44-48 ft	320J	100	760	**0.94 J**	42 J	7.4 U	**2.6 J**	7.4 U
56-60 ft	2,700	530U	1,300	530 U	530 U	530 U	530 U	530 U
68-72 ft	1,300	490U	380 J	490 U	490 U	490 U	490 U	490 U

RMSB-23 VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	95	6.6 U	6.6 U
4-8 ft.	120	7.3 U	7.3 U
8-12 ft.	180	**0.92 J**	7.4 U
20-24 ft.	85	**1 J**	**0.95 J**
Dup. 20-24 ft.	710	**11**	**6.4 J**

RMSB-21 VOC (µg/kg)		
Sample Code Depth (ft bgs)	PCE	cis-1,2-DCE
0-4 ft	6.1 U	6.1 U
4-8 ft	**1.7 J**	6.5 U
8-12 ft.	**2 J**	**0.6 J**
20-24 ft	**0.66 J**	7.5 U
32-36 ft	**0.86 J**	8 U
44-48 ft	**0.82 J**	**0.58 J**
56-60 ft	**0.79 J**	6 U
68-72 ft.	6.2 U	6.2 U

USEPA Soil Screening Limits	
VOC	Standards µg/kg
PCE	60
TCE	60
cis-1,2-DCE	400
trans - 1,2-DCE	700
Vinyl Chloride	10
1,1-DCE	60
1,1-DCA	23000
1,1,1-TCA	2000
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

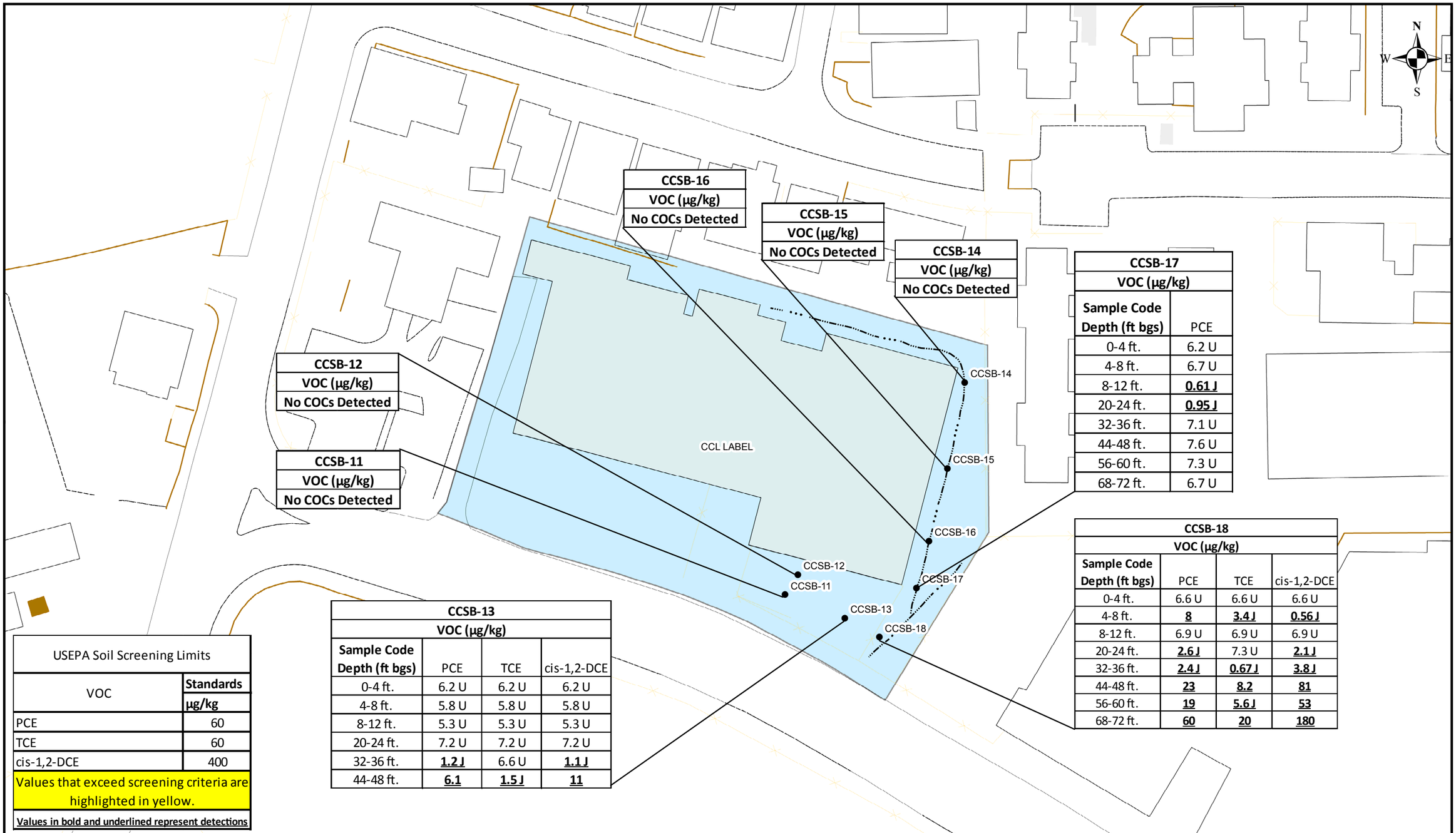
VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
DCE - dichloroethene
TCA - trichloroethane
DCA - dichloroethane
COC - Contaminant of Concern

Scale
40 20 0 40 Feet

Figure 2-1
Ramallo/Cidra Convention Center Soil Sampling COC Results
Remedial Investigation Feasiblity Study
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005953



CCSB-17	
VOC (µg/kg)	
Sample Code Depth (ft bgs)	PCE
0-4 ft.	6.2 U
4-8 ft.	6.7 U
8-12 ft.	**0.61 J**
20-24 ft.	**0.95 J**
32-36 ft.	7.1 U
44-48 ft.	7.6 U
56-60 ft.	7.3 U
68-72 ft.	6.7 U

CCSB-18			
VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	6.6 U	6.6 U	6.6 U
4-8 ft.	**8**	**3.4 J**	**0.56 J**
8-12 ft.	6.9 U	6.9 U	6.9 U
20-24 ft.	**2.6 J**	7.3 U	**2.1 J**
32-36 ft.	**2.4 J**	**0.67 J**	**3.8 J**
44-48 ft.	**23**	**8.2**	**81**
56-60 ft.	**19**	**5.6 J**	**53**
68-72 ft.	**60**	**20**	**180**

CCSB-13			
VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	6.2 U	6.2 U	6.2 U
4-8 ft.	5.8 U	5.8 U	5.8 U
8-12 ft.	5.3 U	5.3 U	5.3 U
20-24 ft.	7.2 U	7.2 U	7.2 U
32-36 ft.	**1.2 J**	6.6 U	**1.1 J**
44-48 ft.	**6.1**	**1.5 J**	**11**

USEPA Soil Screening Limits	
VOC	Standards µg/kg
PCE	60
TCE	60
cis-1,2-DCE	400
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

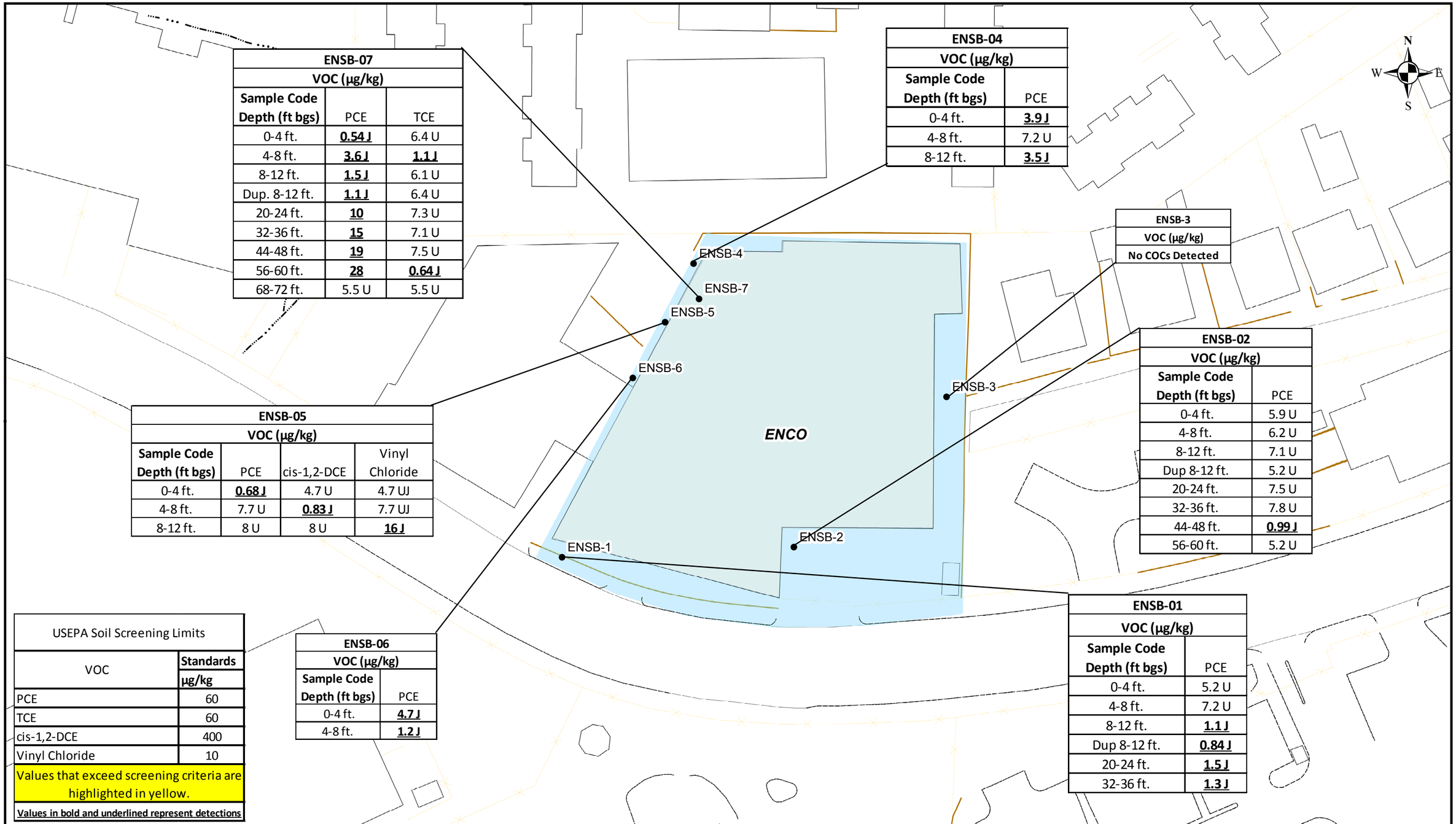
VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
DCE - dichloroethene
COC- Contaminant of Concern

Scale
50 25 0 50 Feet

Figure 2-2
CCL Label Soil Sampling COC Results
Remedial Investigation Feasiblity Study
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005954



ENSB-07		
VOC (µg/kg)		
Sample Code Depth (ft bgs)	PCE	TCE
0-4 ft.	**0.54 J**	6.4 U
4-8 ft.	**3.6 J**	**1.1 J**
8-12 ft.	**1.5 J**	6.1 U
Dup. 8-12 ft.	**1.1 J**	6.4 U
20-24 ft.	**10**	7.3 U
32-36 ft.	**15**	7.1 U
44-48 ft.	**19**	7.5 U
56-60 ft.	**28**	**0.64 J**
68-72 ft.	5.5 U	5.5 U

ENSB-04	
VOC (µg/kg)	
Sample Code Depth (ft bgs)	PCE
0-4 ft.	**3.9 J**
4-8 ft.	7.2 U
8-12 ft.	**3.5 J**

ENSB-3
VOC (µg/kg)
No COCs Detected

ENSB-05			
VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	cis-1,2-DCE	Vinyl Chloride
0-4 ft.	**0.68 J**	4.7 U	4.7 UJ
4-8 ft.	7.7 U	**0.83 J**	7.7 UJ
8-12 ft.	8 U	8 U	**16 J**

ENSB-02	
VOC (µg/kg)	
Sample Code Depth (ft bgs)	PCE
0-4 ft.	5.9 U
4-8 ft.	6.2 U
8-12 ft.	7.1 U
Dup 8-12 ft.	5.2 U
20-24 ft.	7.5 U
32-36 ft.	7.8 U
44-48 ft.	**0.99 J**
56-60 ft.	5.2 U

ENSB-06	
VOC (µg/kg)	
Sample Code Depth (ft bgs)	PCE
0-4 ft.	**4.7 J**
4-8 ft.	**1.2 J**

ENSB-01	
VOC (µg/kg)	
Sample Code Depth (ft bgs)	PCE
0-4 ft.	5.2 U
4-8 ft.	7.2 U
8-12 ft.	**1.1 J**
Dup 8-12 ft.	**0.84 J**
20-24 ft.	**1.5 J**
32-36 ft.	**1.3 J**

USEPA Soil Screening Limits	
VOC	Standards µg/kg
PCE	60
TCE	60
cis-1,2-DCE	400
Vinyl Chloride	10
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

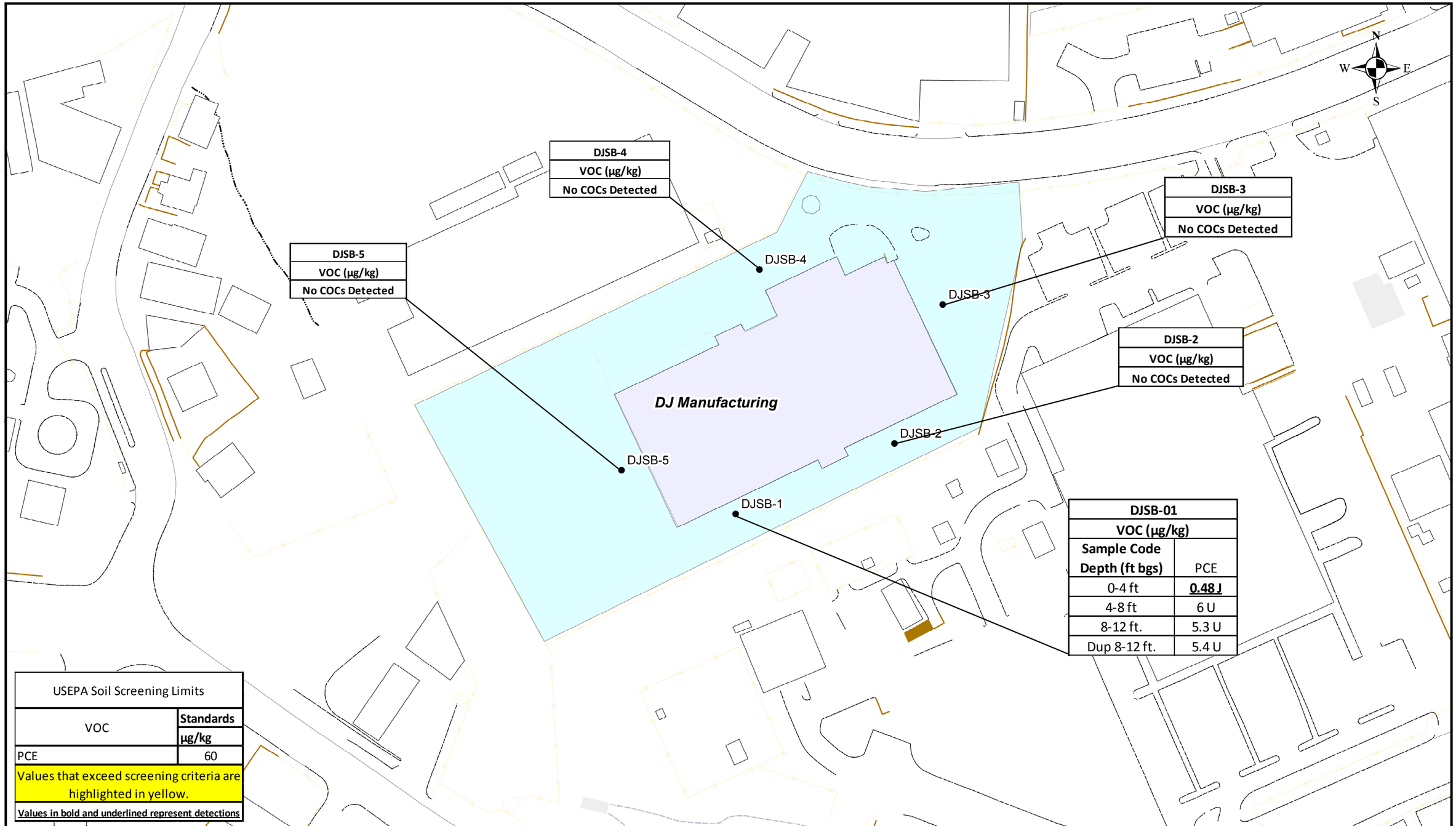
VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
DCE - dichloroethene
COC - Contaminant of Concern

Scale
50 25 0 50 Feet

Figure 2-3
ENCO Soil Sampling COC Results
Remedial Investigation Feasiblity Study
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005955



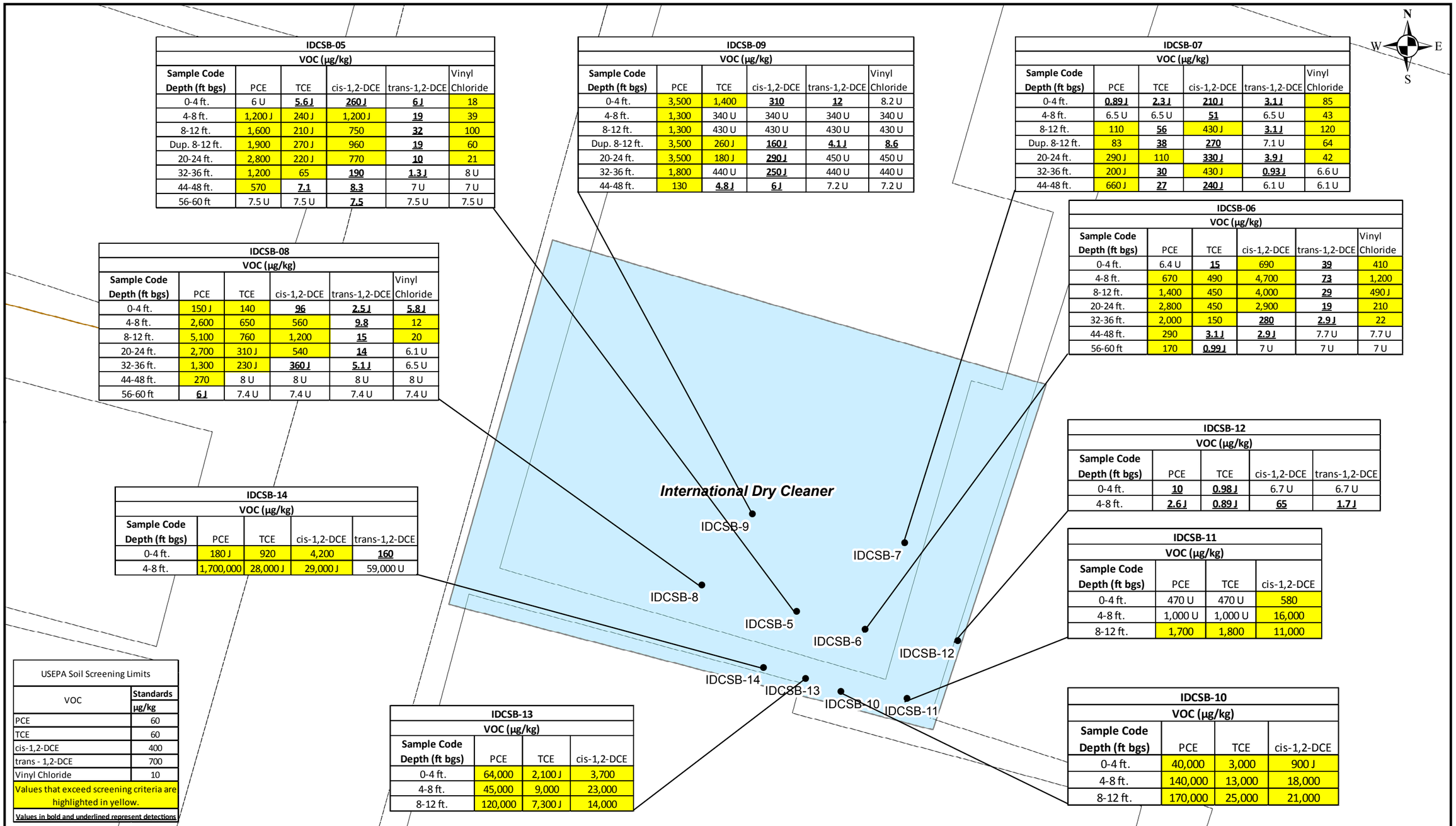
Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

VOC - volatile organic compound
PCE - tetrachloroethene
COC - Contaminant of Concern

Figure 2-4
DJ Manufacturing Soil Sampling COC Results
Remedial Investigation Feasiblity Study
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005956



IDCSB-05					
VOC (µg/kg)					
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
0-4 ft.	6 U	**5.6 J**	**260 J**	**6 J**	18
4-8 ft.	1,200 J	240 J	1,200 J	**19**	39
8-12 ft.	1,600	210 J	750	**32**	100
Dup. 8-12 ft.	1,900	270 J	960	**19**	60
20-24 ft.	2,800	220 J	770	**10**	21
32-36 ft.	1,200	65	**190**	**1.3 J**	8 U
44-48 ft.	570	**7.1**	**8.3**	7 U	7 U
56-60 ft	7.5 U	7.5 U	**7.5**	7.5 U	7.5 U

IDCSB-09					
VOC (µg/kg)					
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
0-4 ft.	3,500	1,400	**310**	**12**	8.2 U
4-8 ft.	1,300	340 U	340 U	340 U	340 U
8-12 ft.	1,300	430 U	430 U	430 U	430 U
Dup. 8-12 ft.	3,500	260 J	**160 J**	**4.1 J**	**8.6**
20-24 ft.	3,500	180 J	**290 J**	450 U	450 U
32-36 ft.	1,800	440 U	**250 J**	440 U	440 U
44-48 ft.	130	**4.8 J**	**6 J**	7.2 U	7.2 U

IDCSB-07					
VOC (µg/kg)					
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
0-4 ft.	**0.89 J**	**2.3 J**	**210 J**	**3.1 J**	85
4-8 ft.	6.5 U	6.5 U	**51**	6.5 U	43
8-12 ft.	110	**56**	430 J	**3.1 J**	120
Dup. 8-12 ft.	83	**38**	**270**	7.1 U	64
20-24 ft.	290 J	110	**330 J**	**3.9 J**	42
32-36 ft.	200 J	**30**	430 J	**0.93 J**	6.6 U
44-48 ft.	660 J	**27**	**240 J**	6.1 U	6.1 U

IDCSB-06					
VOC (µg/kg)					
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
0-4 ft.	6.4 U	**15**	690	**39**	410
4-8 ft.	670	490	4,700	**73**	1,200
8-12 ft.	1,400	450	4,000	**29**	490 J
20-24 ft.	2,800	450	2,900	**19**	210
32-36 ft.	2,000	150	**280**	**2.9 J**	22
44-48 ft.	290	**3.1 J**	**2.9 J**	7.7 U	7.7 U
56-60 ft	170	**0.99 J**	7 U	7 U	7 U

IDCSB-08					
VOC (µg/kg)					
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
0-4 ft.	150 J	140	**96**	**2.5 J**	**5.8 J**
4-8 ft.	2,600	650	560	**9.8**	12
8-12 ft.	5,100	760	1,200	**15**	20
20-24 ft.	2,700	310 J	540	**14**	6.1 U
32-36 ft.	1,300	230 J	**360 J**	**5.1 J**	6.5 U
44-48 ft.	270	8 U	8 U	8 U	8 U
56-60 ft	**6 J**	7.4 U	7.4 U	7.4 U	7.4 U

IDCSB-12				
VOC (µg/kg)				
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE
0-4 ft.	**10**	**0.98 J**	6.7 U	6.7 U
4-8 ft.	**2.6 J**	**0.89 J**	**65**	**1.7 J**

IDCSB-14				
VOC (µg/kg)				
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE
0-4 ft.	180 J	920	4,200	**160**
4-8 ft.	1,700,000	28,000 J	29,000 J	59,000 U

IDCSB-11			
VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	470 U	470 U	580
4-8 ft.	1,000 U	1,000 U	16,000
8-12 ft.	1,700	1,800	11,000

USEPA Soil Screening Limits	
VOC	Standards µg/kg
PCE	60
TCE	60
cis-1,2-DCE	400
trans - 1,2-DCE	700
Vinyl Chloride	10
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

IDCSB-13			
VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	64,000	2,100 J	3,700
4-8 ft.	45,000	9,000	23,000
8-12 ft.	120,000	7,300 J	14,000

IDCSB-10			
VOC (µg/kg)			
Sample Code Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
0-4 ft.	40,000	3,000	900 J
4-8 ft.	140,000	13,000	18,000
8-12 ft.	170,000	25,000	21,000

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

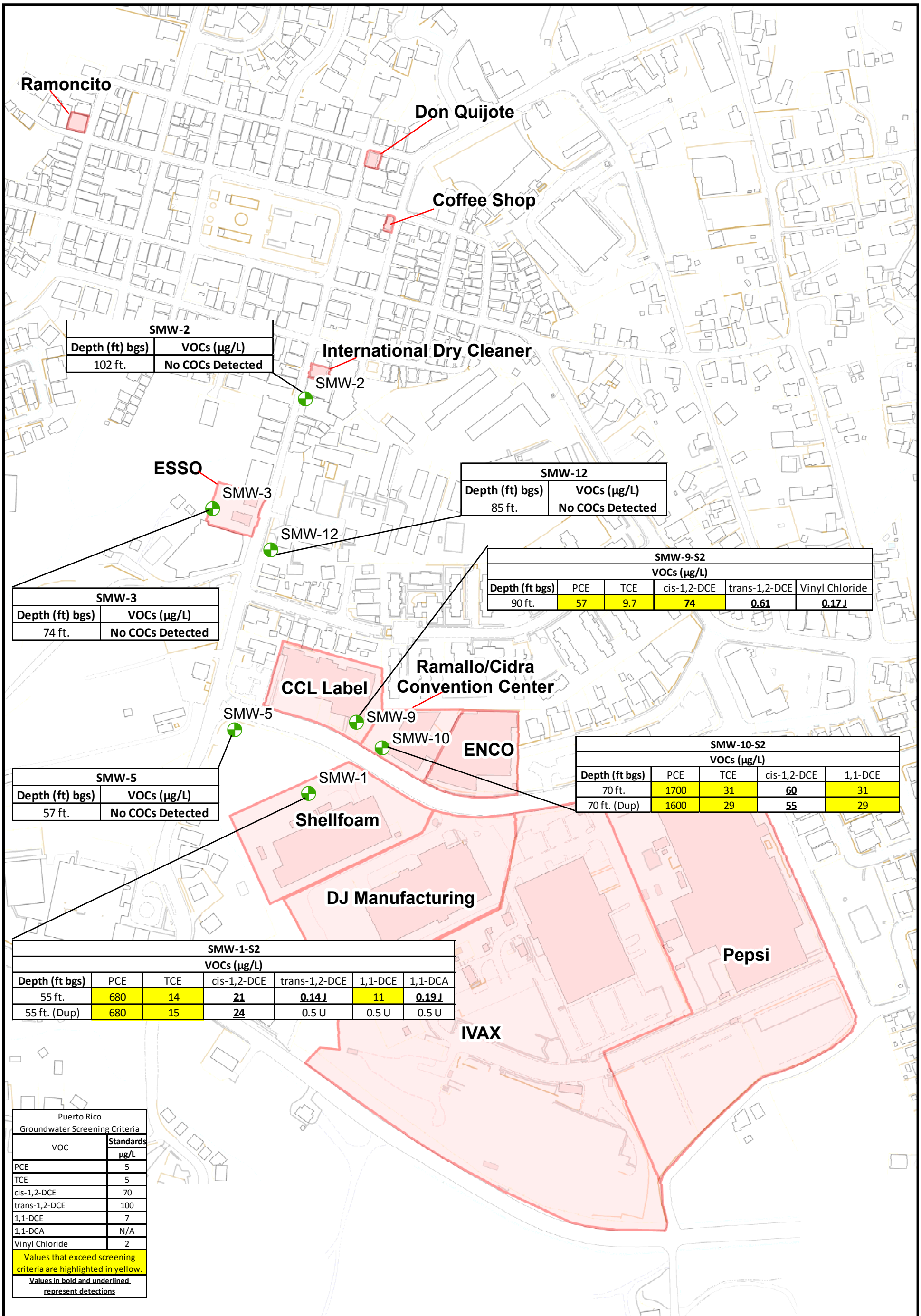
VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
DCE - dichloroethene
TCA - trichloroethane
DCA - dichloroethane
COC - Contaminant of Concern

Scale
9 4.5 0 9 Feet

Figure 2-5
International Dry Cleaner Soil COC Sampling Results
Remedial Investigation Feasiblity Study
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005957



SMW-2	
Depth (ft) bgs	VOCs (µg/L)
102 ft.	No COCs Detected

SMW-12	
Depth (ft) bgs	VOCs (µg/L)
85 ft.	No COCs Detected

SMW-3	
Depth (ft) bgs	VOCs (µg/L)
74 ft.	No COCs Detected

SMW-9-S2					
VOCs (µg/L)					
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
90 ft.	57	9.7	**74**	**0.61**	**0.17 J**

SMW-5	
Depth (ft) bgs	VOCs (µg/L)
57 ft.	No COCs Detected

SMW-10-S2				
VOCs (µg/L)				
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	1,1-DCE
70 ft.	1700	31	**60**	31
70 ft. (Dup)	1600	29	**55**	29

SMW-1-S2						
VOCs (µg/L)						
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	1,1-DCA
55 ft.	680	14	**21**	**0.14 J**	11	**0.19 J**
55 ft. (Dup)	680	15	**24**	0.5 U	0.5 U	0.5 U

Puerto Rico Groundwater Screening Criteria	
VOC	Standards µg/L
PCE	5
TCE	5
cis-1,2-DCE	70
trans-1,2-DCE	100
1,1-DCE	7
1,1-DCA	N/A
Vinyl Chloride	2
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

SMW

Property Boundary

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
DCE - dichloroethene
DCA - dichloroethane
COC- Contaminant of Concern

N

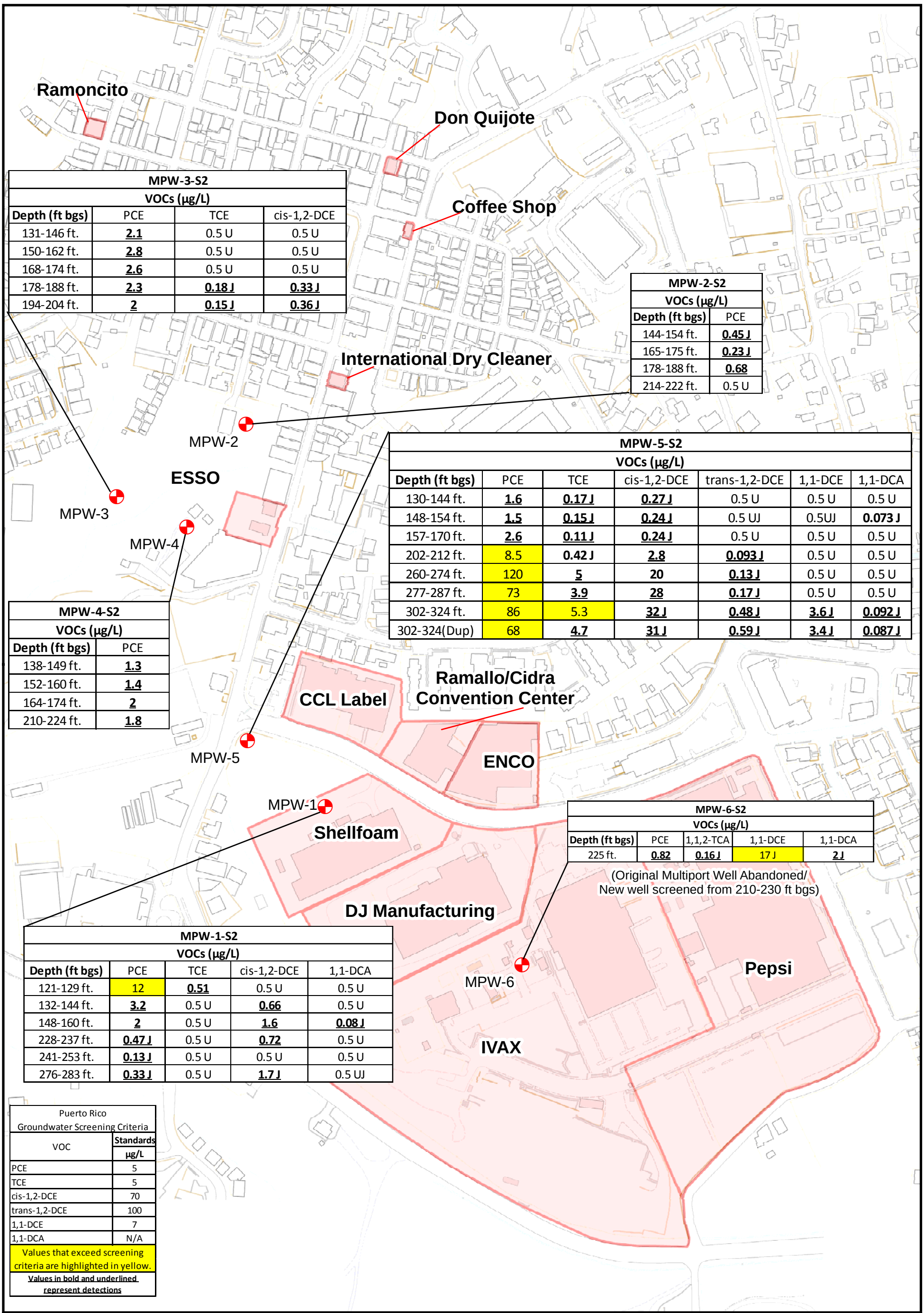
Scale

0 150 300 600 Feet

Figure 2-6
Saprolite Monitoring Well COC Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005958



MPW-3-S2			
VOCs (µg/L)			
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE
131-146 ft.	**2.1**	0.5 U	0.5 U
150-162 ft.	**2.8**	0.5 U	0.5 U
168-174 ft.	**2.6**	0.5 U	0.5 U
178-188 ft.	**2.3**	**0.18 J**	**0.33 J**
194-204 ft.	**2**	**0.15 J**	**0.36 J**

MPW-2-S2	
VOCs (µg/L)	
Depth (ft bgs)	PCE
144-154 ft.	**0.45 J**
165-175 ft.	**0.23 J**
178-188 ft.	**0.68**
214-222 ft.	0.5 U

MPW-5-S2						
VOCs (µg/L)						
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	1,1-DCA
130-144 ft.	**1.6**	**0.17 J**	**0.27 J**	0.5 U	0.5 U	0.5 U
148-154 ft.	**1.5**	**0.15 J**	**0.24 J**	0.5 UJ	0.5UJ	**0.073 J**
157-170 ft.	**2.6**	**0.11 J**	**0.24 J**	0.5 U	0.5 U	0.5 U
202-212 ft.	8.5	**0.42 J**	**2.8**	**0.093 J**	0.5 U	0.5 U
260-274 ft.	120	**5**	**20**	**0.13 J**	0.5 U	0.5 U
277-287 ft.	73	**3.9**	**28**	**0.17 J**	0.5 U	0.5 U
302-324 ft.	86	5.3	**32 J**	**0.48 J**	**3.6 J**	**0.092 J**
302-324(Dup)	68	**4.7**	**31 J**	**0.59 J**	**3.4 J**	**0.087 J**

MPW-4-S2	
VOCs (µg/L)	
Depth (ft bgs)	PCE
138-149 ft.	**1.3**
152-160 ft.	**1.4**
164-174 ft.	**2**
210-224 ft.	**1.8**

MPW-6-S2				
VOCs (µg/L)				
Depth (ft bgs)	PCE	1,1,2-TCA	1,1-DCE	1,1-DCA
225 ft.	**0.82**	**0.16 J**	17 J	**2 J**

(Original Multiport Well Abandoned/
New well screened from 210-230 ft bgs)

MPW-1-S2				
VOCs (µg/L)				
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	1,1-DCA
121-129 ft.	12	**0.51**	0.5 U	0.5 U
132-144 ft.	**3.2**	0.5 U	**0.66**	0.5 U
148-160 ft.	**2**	0.5 U	**1.6**	**0.08 J**
228-237 ft.	**0.47 J**	0.5 U	**0.72**	0.5 U
241-253 ft.	**0.13 J**	0.5 U	0.5 U	0.5 U
276-283 ft.	**0.33 J**	0.5 U	**1.7 J**	0.5 UJ

Puerto Rico Groundwater Screening Criteria	
VOC	Standards µg/L
PCE	5
TCE	5
cis-1,2-DCE	70
trans-1,2-DCE	100
1,1-DCE	7
1,1-DCA	N/A
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

MULTIPORT WELLS

Property Boundary

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
DCE - dichloroethene
DCA - dichloroethane
COC - Contaminant of Concern

N

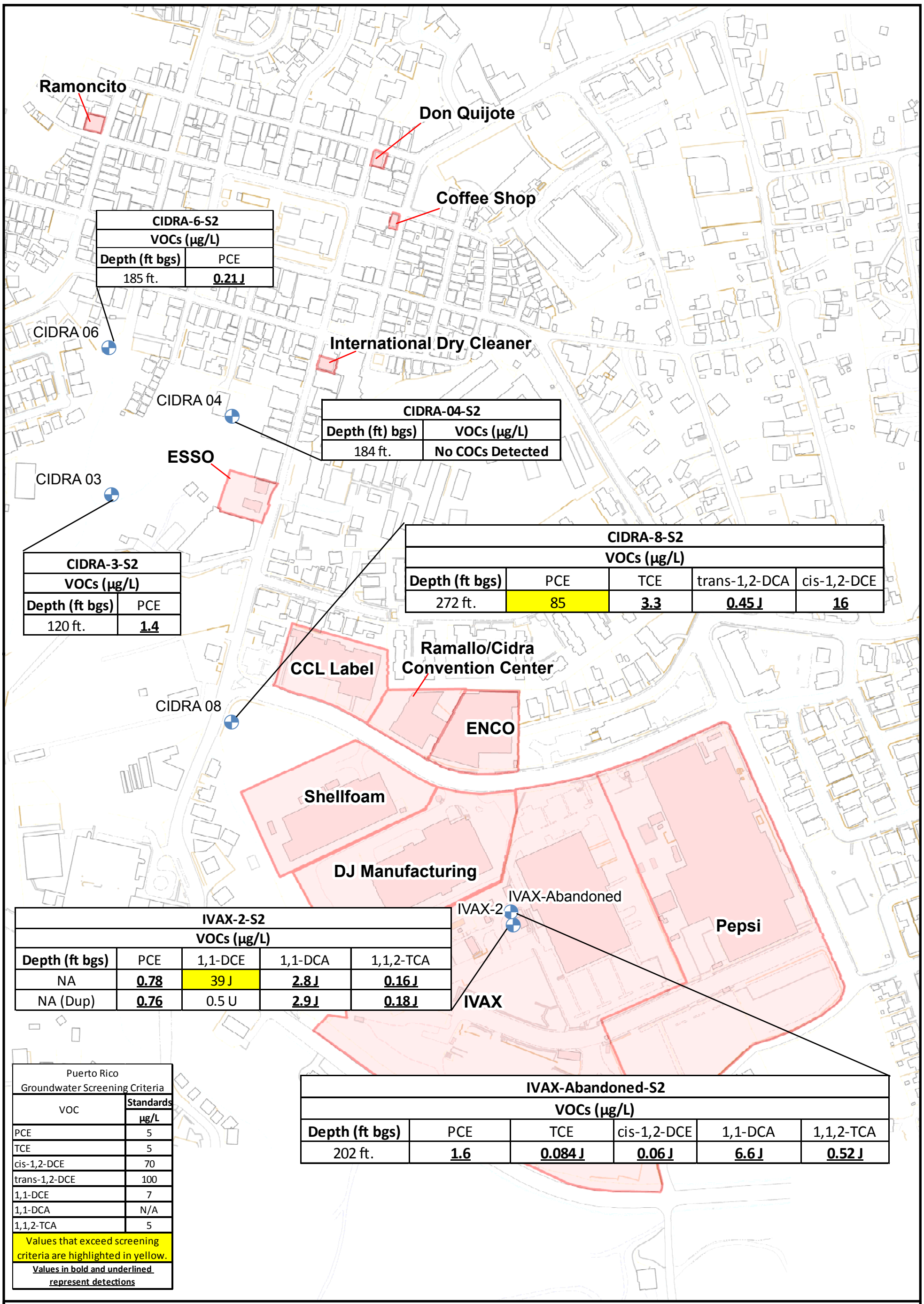
Scale

0 150 300 600 Feet

Figure 2-7
Multiport Monitoring Well COC Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005959



CIDRA-6-S2	
VOCs (µg/L)	
Depth (ft bgs)	PCE
185 ft.	**0.21 J**

CIDRA-04-S2	
Depth (ft) bgs)	VOCs (µg/L)
184 ft.	No COCs Detected

CIDRA-3-S2	
VOCs (µg/L)	
Depth (ft bgs)	PCE
120 ft.	**1.4**

CIDRA-8-S2				
VOCs (µg/L)				
Depth (ft bgs)	PCE	TCE	trans-1,2-DCA	cis-1,2-DCE
272 ft.	85	**3.3**	**0.45 J**	**16**

IVAX-2-S2				
VOCs (µg/L)				
Depth (ft bgs)	PCE	1,1-DCE	1,1-DCA	1,1,2-TCA
NA	**0.78**	39 J	**2.8 J**	**0.16 J**
NA (Dup)	**0.76**	0.5 U	**2.9 J**	**0.18 J**

IVAX-Abandoned-S2					
VOCs (µg/L)					
Depth (ft bgs)	PCE	TCE	cis-1,2-DCE	1,1-DCA	1,1,2-TCA
202 ft.	**1.6**	**0.084 J**	**0.06 J**	**6.6 J**	**0.52 J**

Puerto Rico Groundwater Screening Criteria	
VOC	Standards µg/L
PCE	5
TCE	5
cis-1,2-DCE	70
trans-1,2-DCE	100
1,1-DCE	7
1,1-DCA	N/A
1,1,2-TCA	5
Values that exceed screening criteria are highlighted in yellow.	
Values in bold and underlined represent detections	

SUPPLY WELLS

Property Boundary

Notes:
Detections are in bold and underlined
*-duplicate sample
ft bgs - feet below ground surface
J - estimated value
µg/Kg - micrograms per kilogram
U - not detected above the listed detection limit

VOC - volatile organic compound
PCE - tetrachloroethene
TCE - trichloroethene
TCA - trichloroethane
DCE - dichloroethene
DCA - dichloroethane
COC - Contaminant of Concern

N

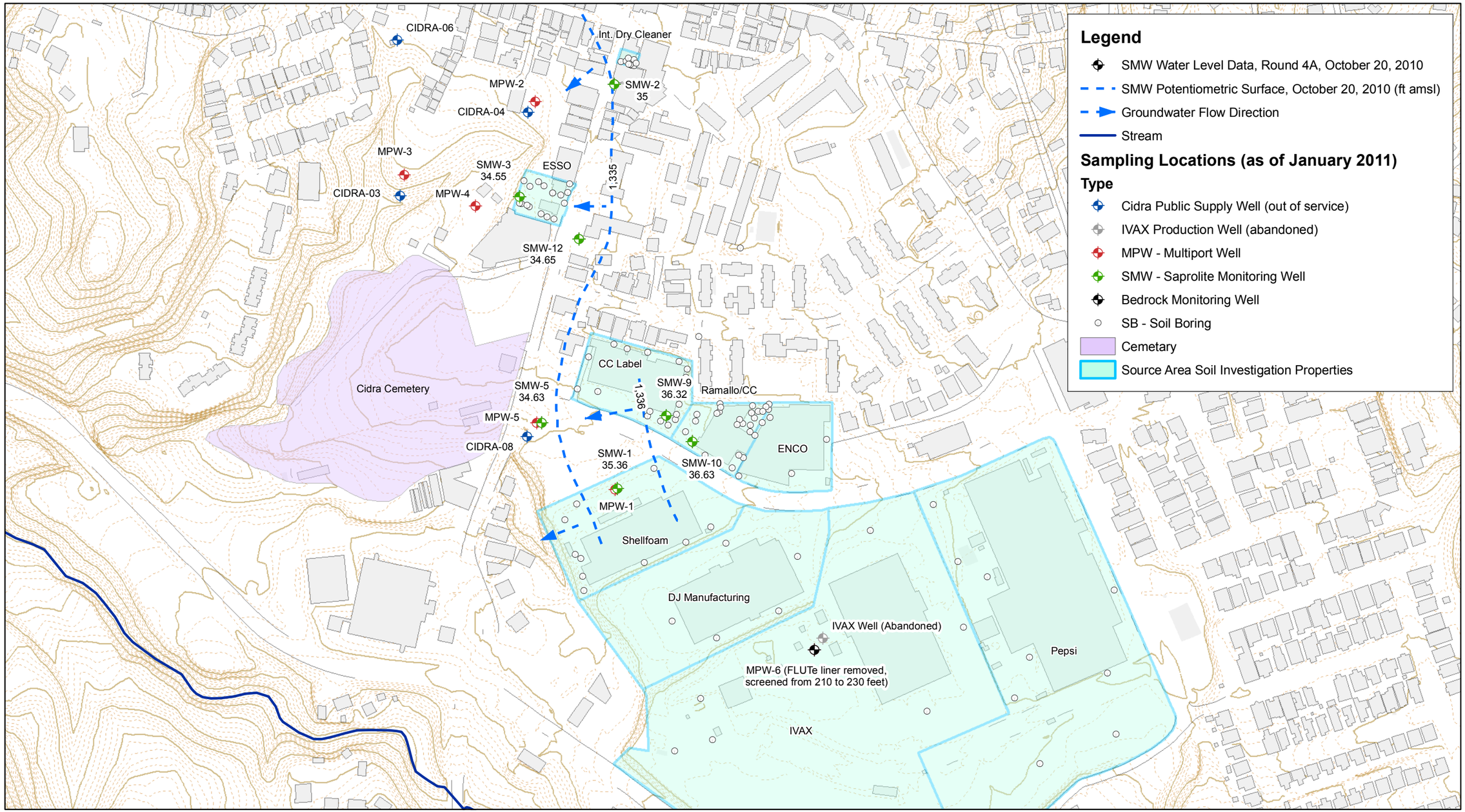
Scale

0 150 300 600 Feet

Figure 2-8
Supply Well COC Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

R2-0005960



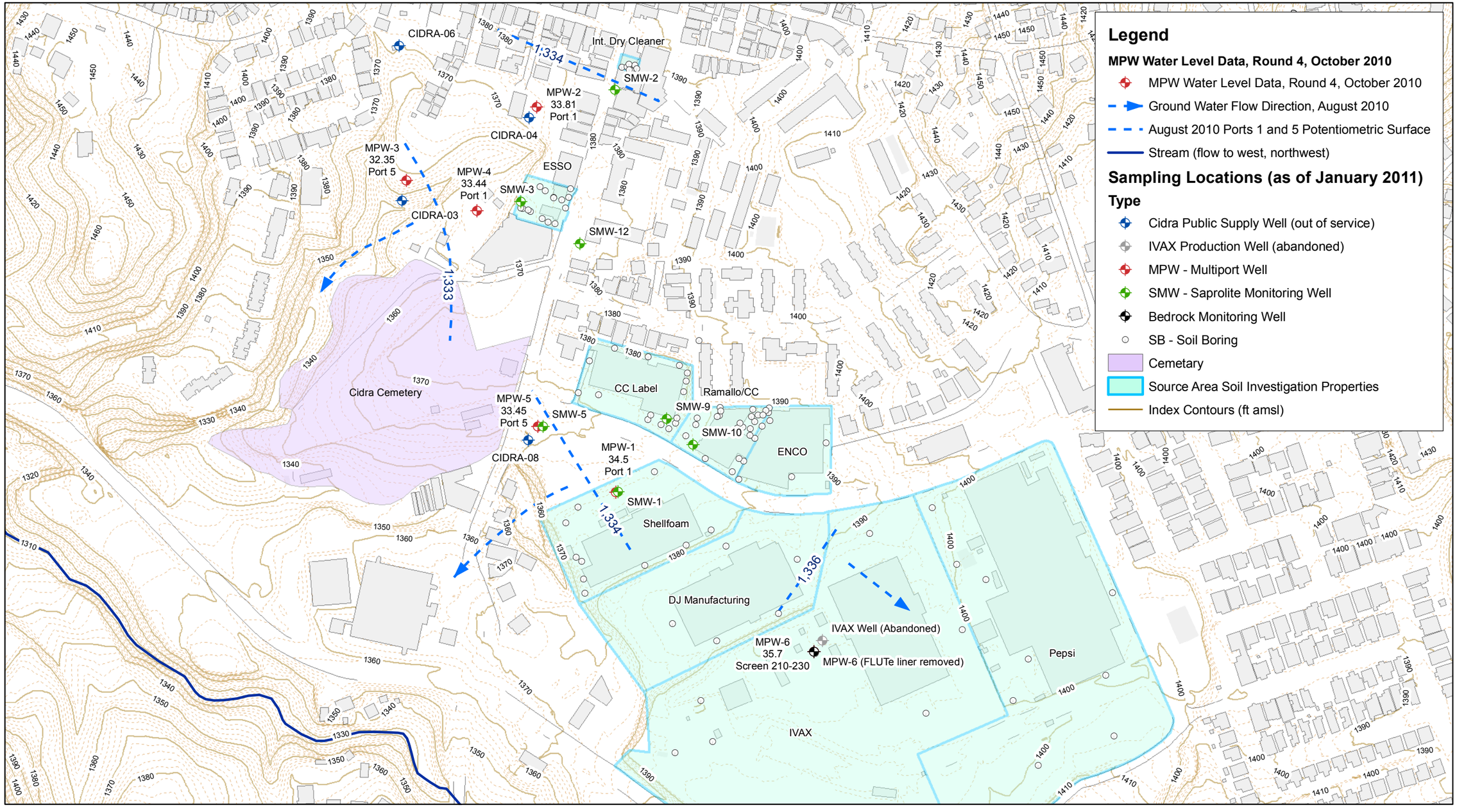
Water level elevation data are posted next to well.
1,300 feet was subtracted from each reading
to make comparison of values easier.

250 125 0 250 Feet

N

CDM

Figure 2-9
Saprolite Potentiometric Surface, October 20, 2010
Cidra Groundwater Contamination Site
Cidra, Puerto Rico



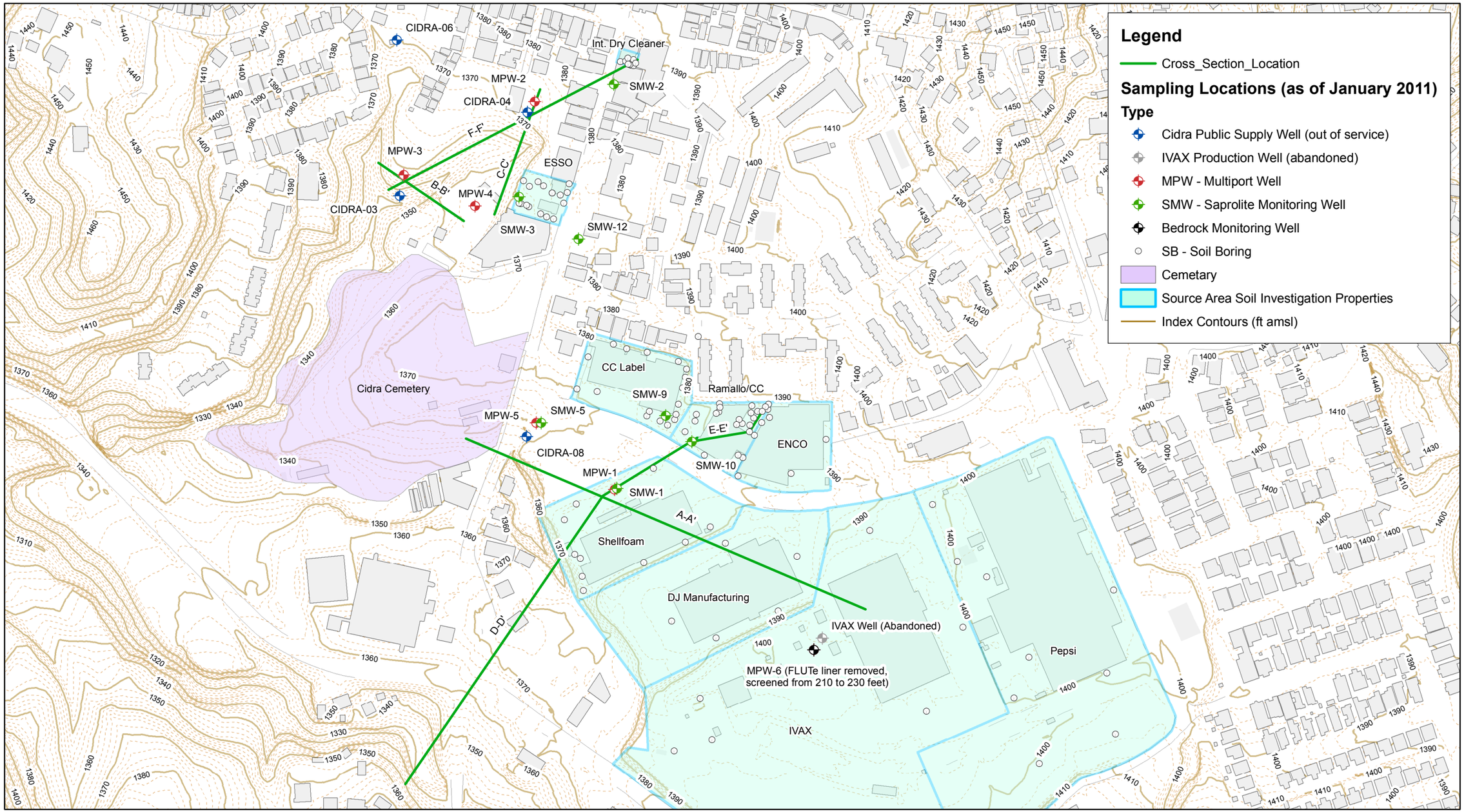
Water level elevation data are posted next to well.
1,300 feet was subtracted from each reading
to make comparison of values easier.

250 125 0 250 Feet

N

CDM

Figure 2-10
Bedrock Potentiometric Surface, August 3, 2010
Cidra Groundwater Contamination Site
Cidra, Puerto Rico



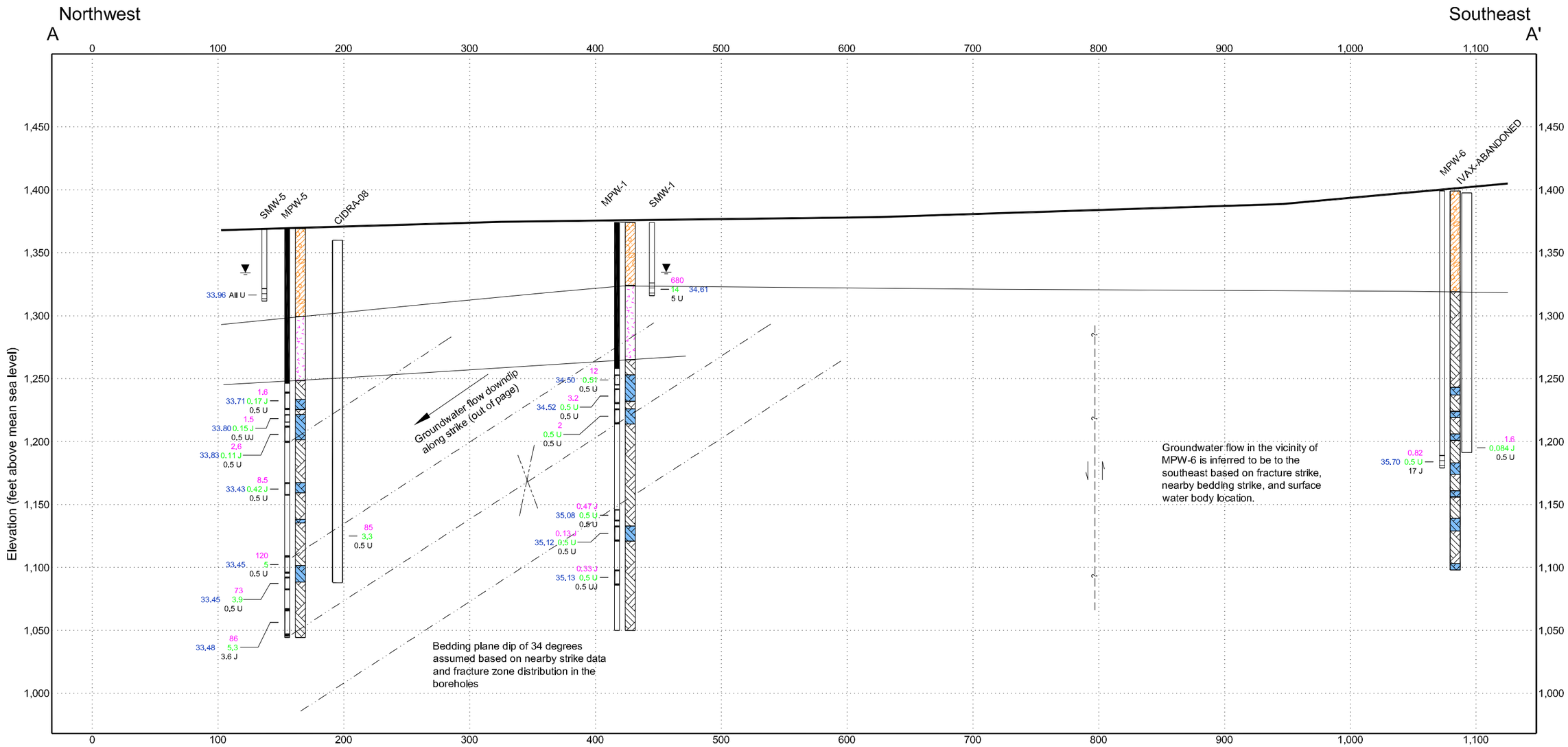
Note: Cross sections A-A' and B-B' are subparallel to dip azimuth. Dip azimuth is west, northwest. Cross section C-C' is subparallel to strike. Cross section D-D' is subparallel to strke below cross section A-A'.

250 125 0 250 Feet

N

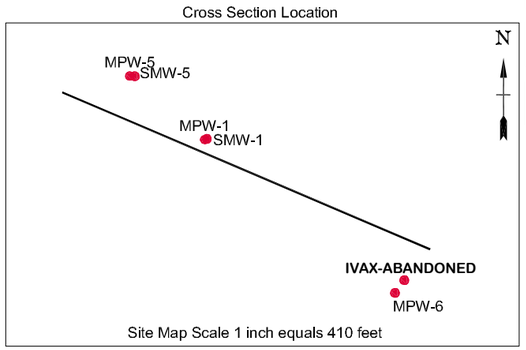
CDM

Figure 2-11
Cross Section Location Map
Cidra Groundwater Contamination Site
Cidra, Puerto Rico



LEGEND:

Cross Section Location



- Steel Casing
- FLUTe LINER
- FLUTe Sampling Interval
- Overburden
- Saprolite
- Bedrock (Water Bearing intervals shown in blue)
- Sandy Clay
- Well Screen
- Silty Clay
- Silty Sand
- Ground Surface Elevation
- Geologic Contact Line
- Normal Fault, existence and location uncertain, location concealed. Arrows indicate relative motion
- High angle fracture, provides pathway for vertical movement of groundwater. Shown for conceptual purposes.
- Bedding Plane, weathered in saprolite layer

Water Level in SMW

Water Level Elevation (feet above mean sea level plus 1,300)
Date: MPW Elevations collected on August 3, 2010; SMW Elevations collected on October 20, 2010

Groundwater Sample Results
Tetrachloroethene (PCE)
Trichloroethene (TCE)
1,1-Dichloroethene (1,1-DCE)
All results in micrograms per liter
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

27.89

0 80
Horizontal Scale (feet)

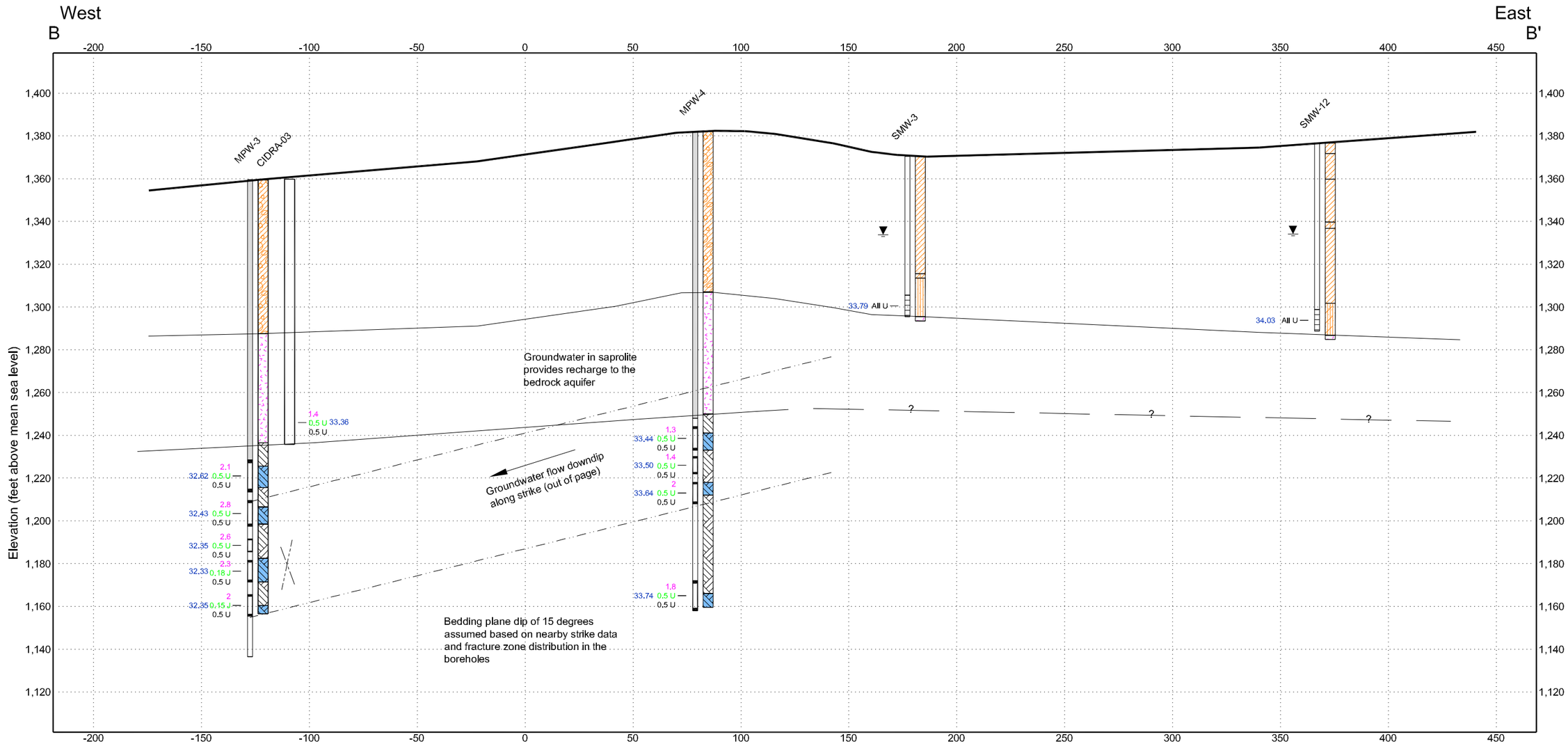
0 80
Vertical Scale (feet)

Vertical Exaggeration: 1x

Figure 2-12
Cross Section A-A'
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

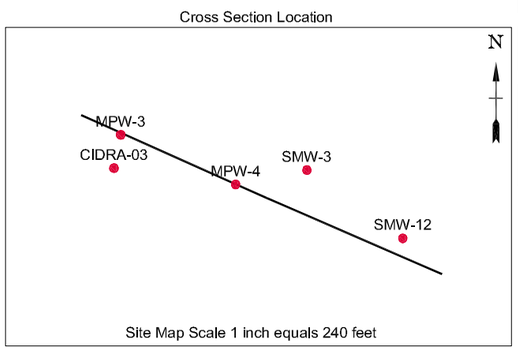
CDM

R2-0005964



LEGEND:

Cross Section Location



Steel Casing
FLUTe Sampling Interval
FLUTe LINER
Sandy Silt
Overburden
Saprolite
Bedrock (Water Bearing intervals shown in blue)

Well Screen
Clay
Sandy Clay
Silty Clay
Clayey Silt

Ground Surface Elevation
Geologic Contact Line
? Geologic Contact Line (Inferred)
High angle fracture, provides pathway for vertical movement of groundwater. Shown for conceptual purposes.
Bedding Plane, weathered in saprolite layer

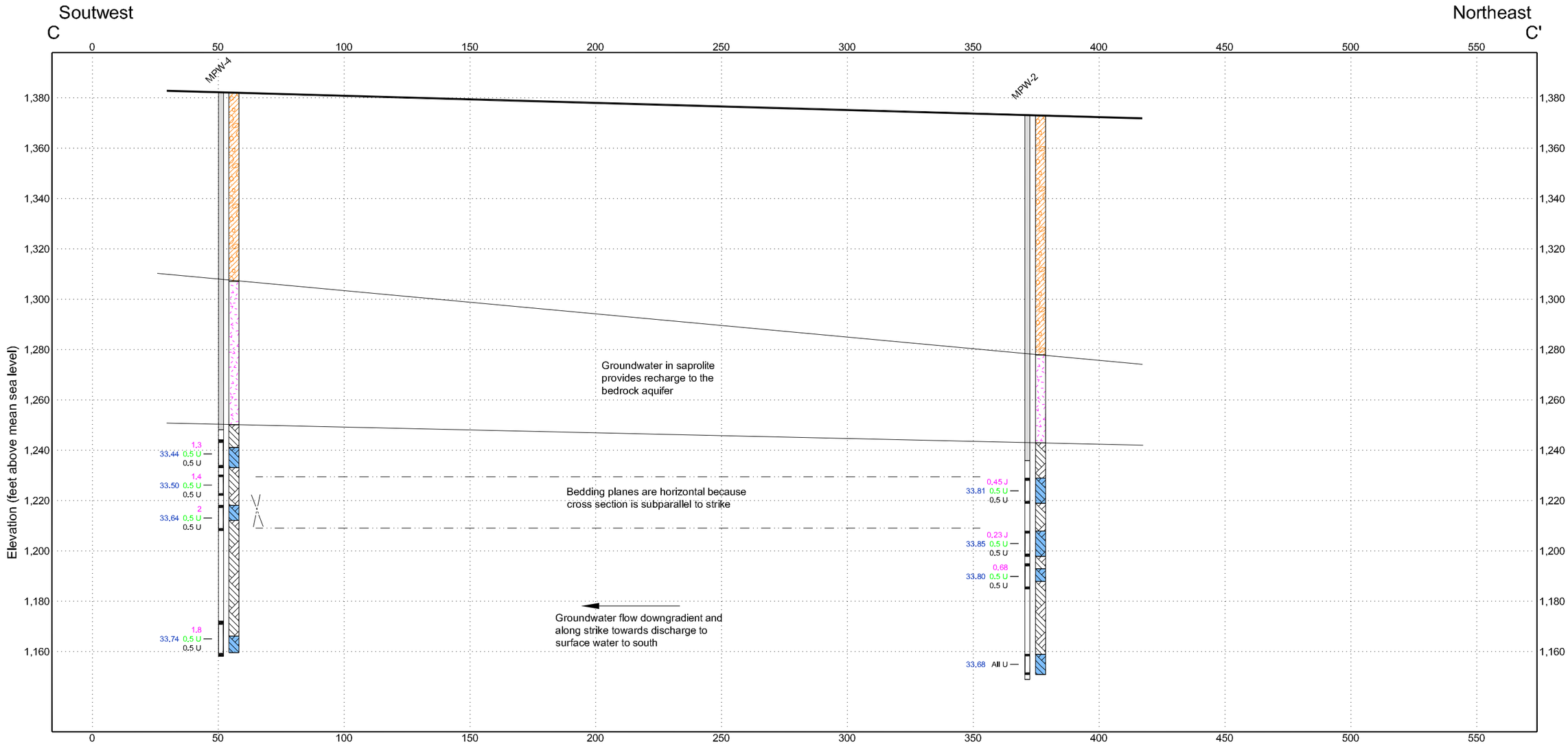
Water Level in SMW
27.89 Water Level Elevation (feet above mean sea level plus 1,300)
Date: MPW and Cidra Elevations collected on August 3, 2010; SMW Elevations collected on October 20, 2010

Groundwater Sample Results
Tetrachloroethene (PCE)
Trichloroethene (TCE)
1,1-Dichloroethene (1,1-DCE)
All results in micrograms per liter
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

0 47 Horizontal Scale (feet)
0 47 Vertical Scale (feet)
Vertical Exaggeration: 1x

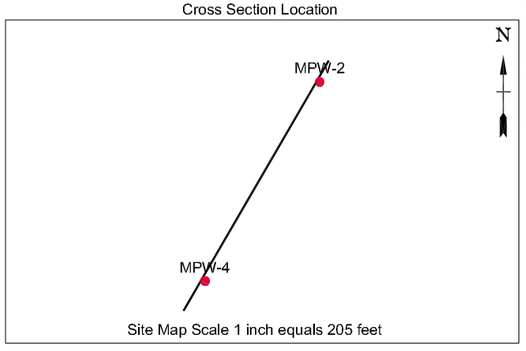
Figure 2-13
Cross Section B-B'
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM



LEGEND:

Cross Section Location



Steel Casing

FLUTe LINER

FLUTe Sampling Interval

Overburden

Saprolite

Bedrock (Water Bearing intervals shown in blue)

Ground Surface Elevation

Geologic Contact Line

High angle fracture, provides pathway for vertical movement of groundwater. Shown for conceptual purposes.

Bedding Plane, weathered in saprolite layer

Water Level in SMW

Water Level Elevation (feet above mean sea level plus 1,300)
Date: MPW Elevations collected on August 3, 2010

27.89

0 40
Horizontal Scale (feet)

0 40
Vertical Scale (feet)

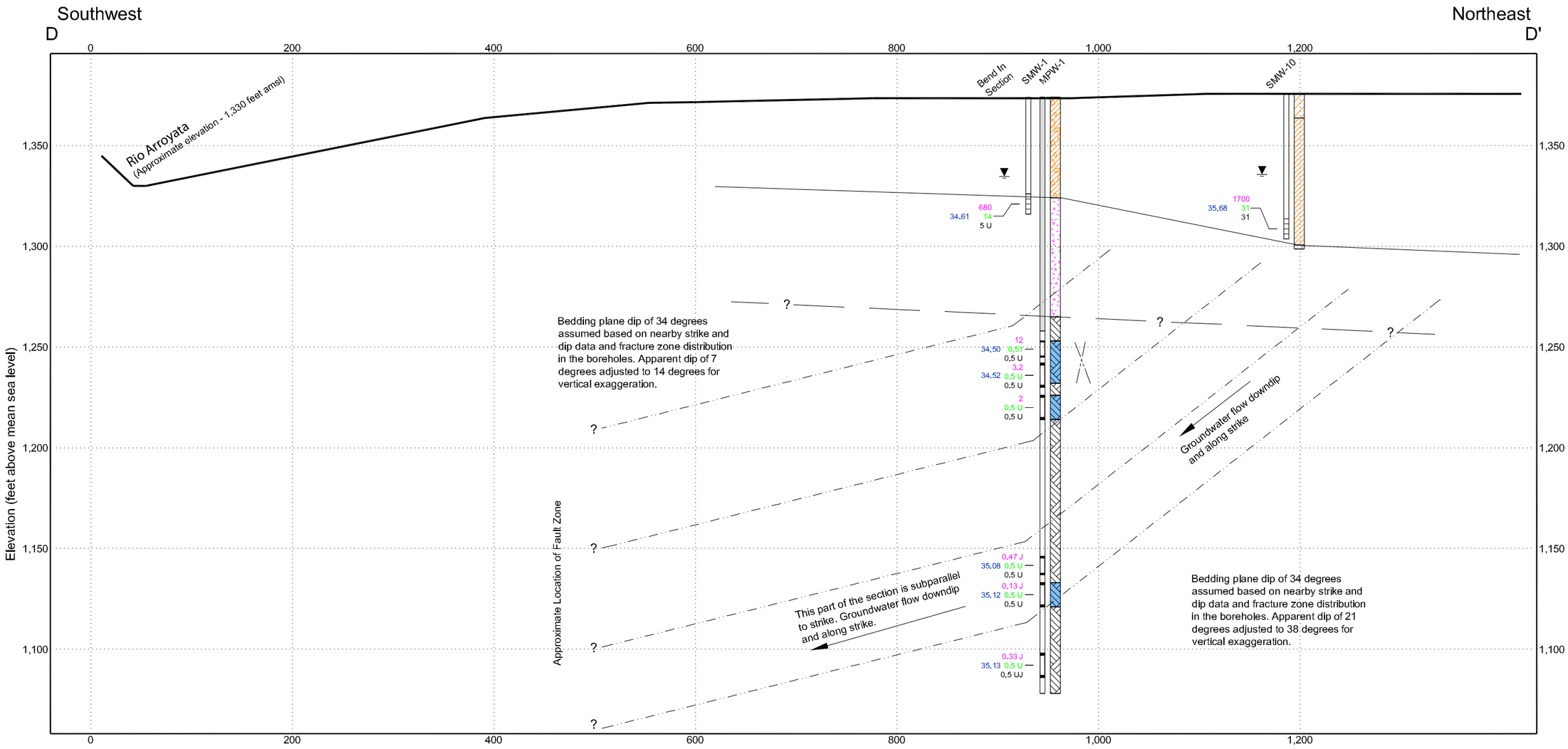
Vertical Exaggeration: 1x

Groundwater Sample Results
Tetrachloroethene (PCE)
Trichloroethene (TCE)
1,1-Dichloroethene (1,1-DCE)
All results in micrograms per liter
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

Figure 2-14
Cross Section C-C'
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

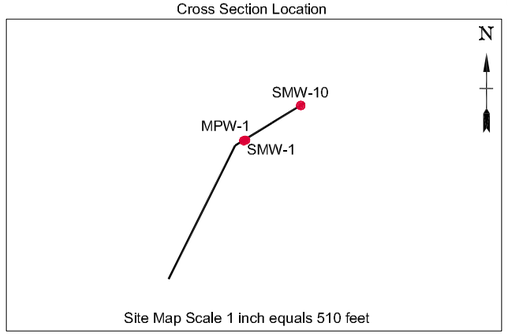
CDM

R2-0005966



LEGEND:

Cross Section Location



- Steel Casing
- FLUTe LINER
- FLUTe Sampling Interval
- Overburden
- Saprolite
- Bedrock (Water Bearing intervals shown in blue)
- Sandy Clay
- Well Screen
- Silty Clay
- Clayey Sand
- Ground Surface Elevation
- Geologic Contact Line
- ? Geologic Contact Line (Inferred)
- High angle fracture, provides pathway for vertical movement of groundwater. Shown for conceptual purposes.
- Bedding Plane, weathered in saprolite layer

Water Level in SMW

27.89 Water Level Elevation (feet above mean sea level plus 1,300)

Date: MPW Elevations collected on August 3, 2010; SMW Elevations collected on October 20, 2010

Horizontal Scale (feet): 0 – 100

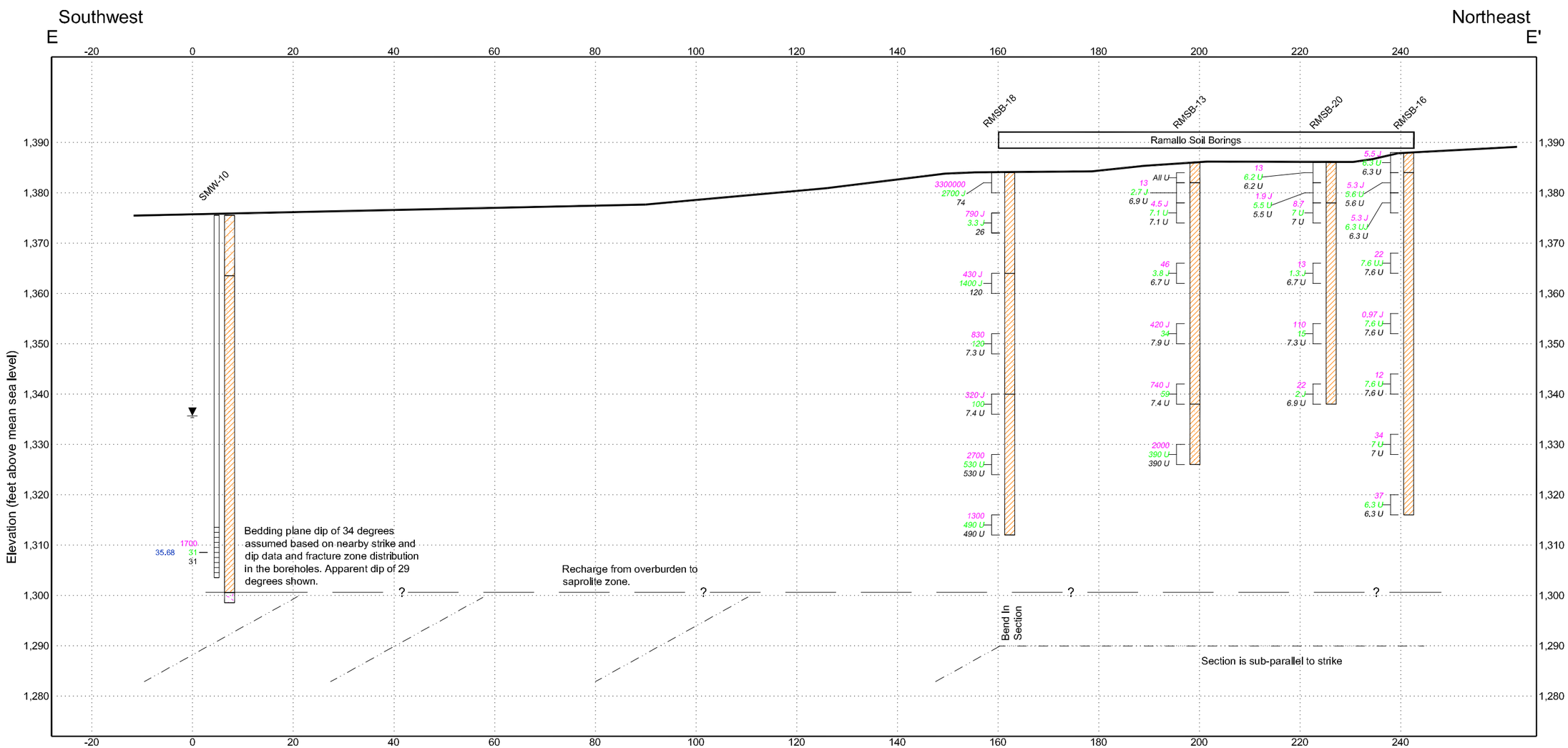
Vertical Scale (feet): 0 – 50

Vertical Exaggeration: 2x

Groundwater Sample Results
Tetrachloroethene (PCE)
Trichloroethene (TCE)
1,1-Dichloroethene (1,1-DCE)
All results in micrograms per liter
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

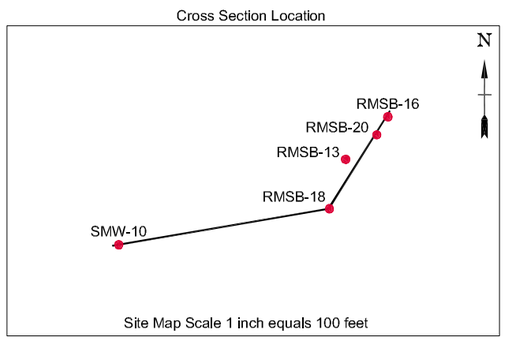
CDM

Figure 2-15
Cross Section D-D'
Cidra Groundwater Contamination Site
Cidra, Puerto Rico



LEGEND:

Cross Section Location



Casing, Type Unknown

Well Screen

Sandy Clay

Clay

Clayey Sand

Saprolite

Ground Surface Elevation

Geologic Contact Line

? Geologic Contact Line (Inferred)

High angle fracture, provides pathway for vertical movement of groundwater. Shown for conceptual purposes.

Bedding Plane, weathered in saprolite layer

Water Level in SMW

Water Level Elevation (feet above mean sea level plus 1,300)
Date: SMW Elevations collected on October 20, 2010

27.89

0 20
Horizontal Scale (feet)

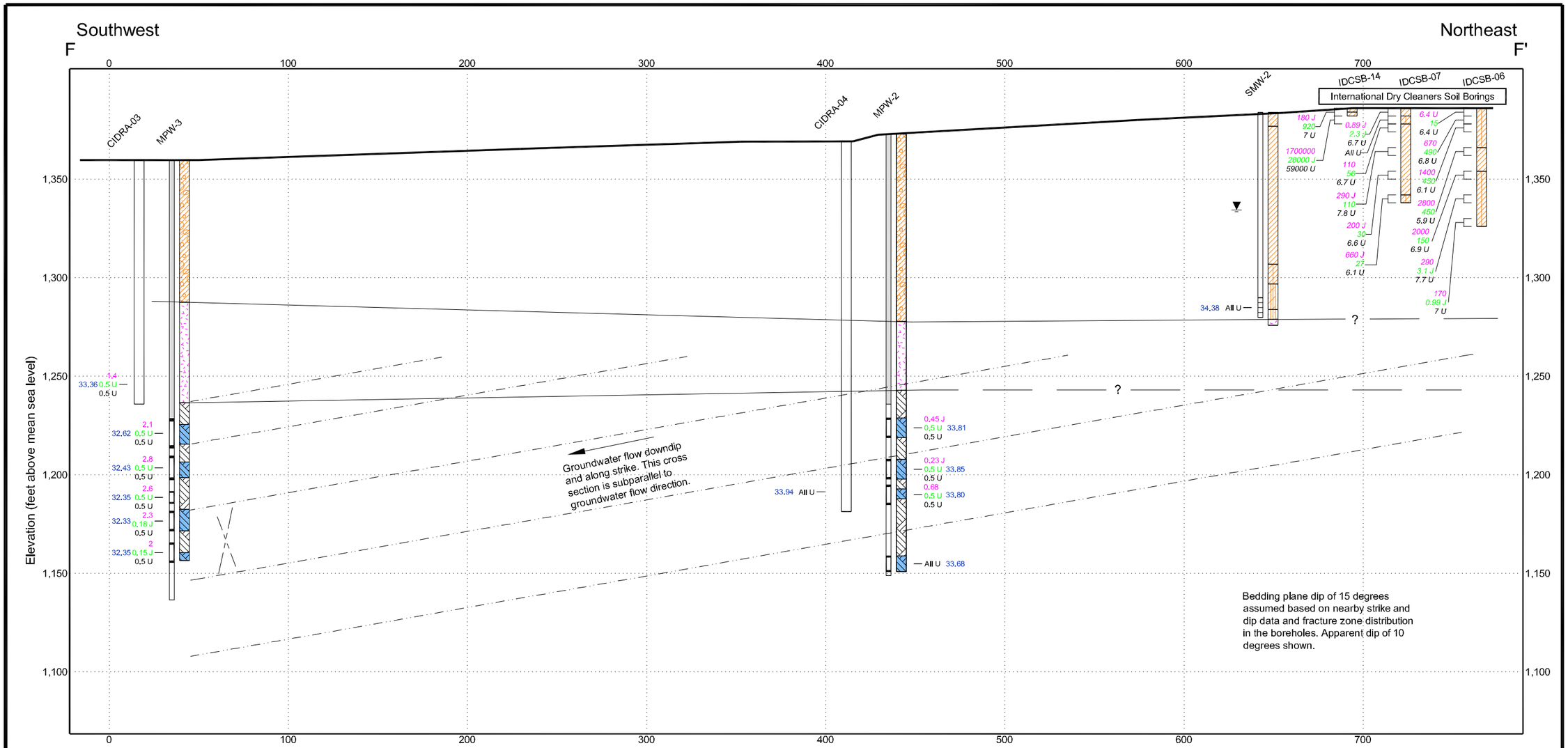
0 20
Vertical Scale (feet)

Vertical Exaggeration: 1x

Groundwater and Soil Sample Results
Tetrachloroethene (PCE)
Trichloroethene (TCE)
1,1-Dichloroethene (1,1-DCE)
Groundwater results in micrograms per liter;
Soil results in micrograms per kilogram
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

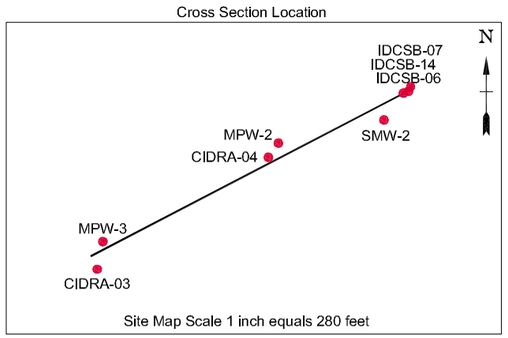
CDM

Figure 2-16
Cross Section E-E'
Cidra Groundwater Contamination Site
Cidra, Puerto Rico



LEGEND:

Cross Section Location



Site Map Scale 1 inch equals 280 feet

Steel Casing
FLUTe LINER
FLUTe Sampling Interval
Well Screen
Sandy Silt
Overburden
Silty Clay
Saprolite
Clay
Bedrock (Water Bearing intervals shown in blue)
Sandy Clay
Clayey Silt

Ground Surface Elevation
Geologic Contact Line
? Geologic Contact Line (Inferred)
High angle fracture, provides pathway for vertical movement of groundwater. Shown for conceptual purposes.
Bedding Plane, weathered in saprolite layer

Water Level in SMW

Water Level Elevation (feet above mean sea level plus 1,300)
Date: MPW and Cidra Supply Well Elevations collected on August 3, 2010; SMW Elevations collected on October 20, 2010

Groundwater and Soil Sample Results
Tetrachloroethene (PCE)
Trichloroethene (TCE)
1,1-Dichloroethene (1,1-DCE)
Groundwater results in micrograms per liter;
Soil results in micrograms per kilogram
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

27.89

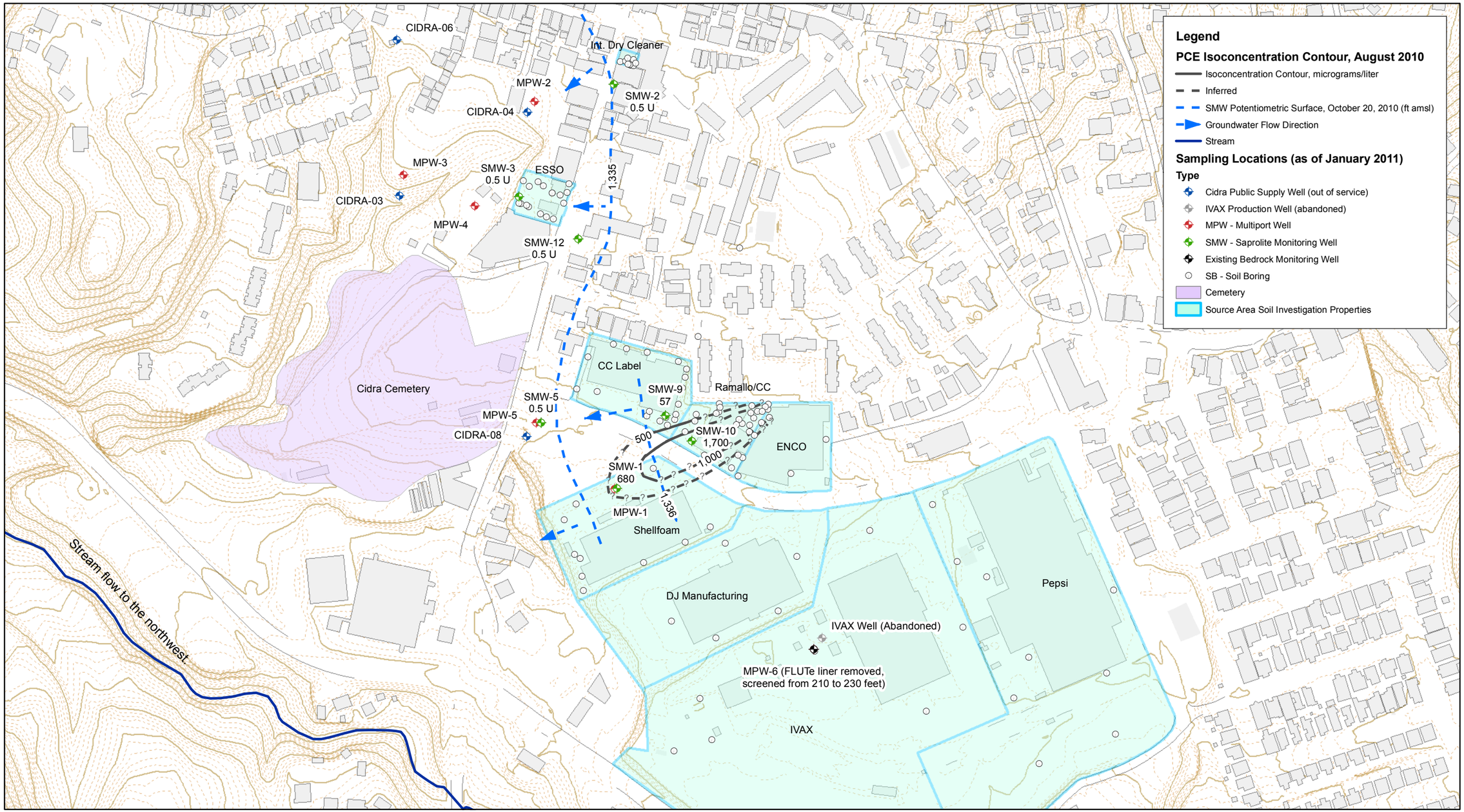
0 55
Horizontal Scale (feet)

0 50
Vertical Scale (feet)

Vertical Exaggeration: 1x

Figure 2-17
Cross Section F-F'
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM



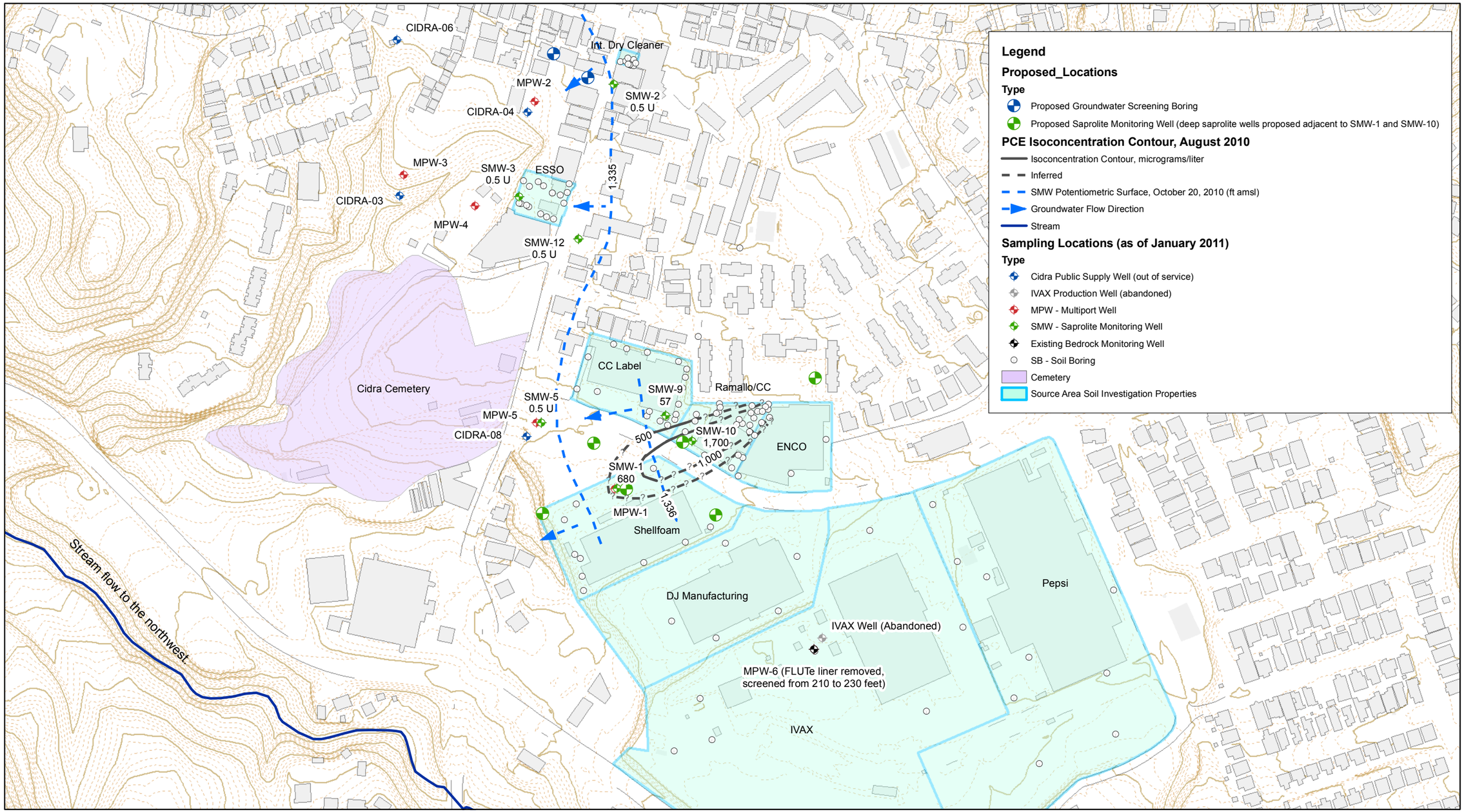
PCE concentration posted at SMW locations where a sample was obtained.
Results in micrograms/liter

250 125 0 250 Feet

N

CDM

Figure 2-18
PCE Plume in Saprolite Monitoring Wells
Cidra Groundwater Contamination Site
Cidra, Puerto Rico



PCE concentration posted at SMW locations where a sample was obtained.
Results in micrograms/liter

250 125 0 250 Feet

N

CDM

Figure 3-1
Proposed Groundwater Screening and Saprolite Monitoring Well Locations
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Appendices

Appendix A

Monitoring Well and Soil Boring Logs

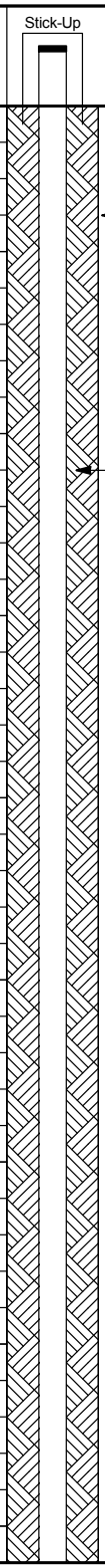
CDM

Monitoring Well Logs

CDM

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-1**
STARTED: 7/12/10 COMPLETED: 7/14/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Stickup	NORTHING: 779025.04 Feet EASTING: 750892.59 Feet G.S. ELEVATION: 1373.99 Feet M.P. ELEV: 1376.92 WATER: TOTAL DEPTH: 62.0 Feet LOGGED BY: H. Chacon CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		SC	Stiff, dry, orange brown to brown, black mottled, medium to fine sandy Clay with some rock fragments.		1.6	3 4 5 7	0	
								1370
		SC	Stiff, dry, pale orange brown to brown, black mottled, medium to coarse sandy Clay.		1.3	5 5 4 6	0	
								1365
10		SC	Hard, dry, brown to reddish brown, yellow mottled, very fine sandy to silty Clay.		1.6	6 9 12 14	0	
								1360
		SC	Hard, dry, orange brown to reddish brown, black and gray mottled, fine to very fine sandy Clay with some angular to sub angular mafic rock fragments.		1.7	13 14 14 15	0	
								1355
20		SC	Hard, dry, light yellowish brown, black mottled, very fine sandy Clay with some silt.		1.7	11 13 19 15	0	
								1350
		SC	Hard, dry, yellowish brown to brown, medium to fine sandy Clay, some silt observed in sample.		2	10 14 8 8	0	
								1345
30		SC	Very stiff, dry, yellowish brown to orange brown, black and white mottled, medium to fine sandy Clay.		1.8	8 7 8 9	0	
								1340
		SC	Very stiff, dry, yellowish brown to orange brown, black and white mottled, fine to very fine sandy Clay. Some rock fragments observed at 37 ft bgs.		2	6 8 9 11	0	
								1335



WELL CONSTRUCTION

0 - 40: Cement/Bentonite Grout

0 - 48: 4-inch PVC casing

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1225 Ponce de Leon Ave. Suite 603
San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005975

PROJECT: Cidra Groundwater Contamination Site

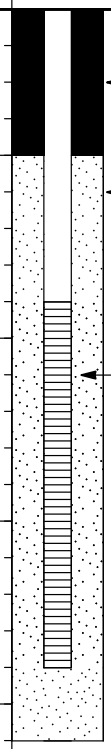
LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-1**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		SC	Very stiff, moist, pale yellowish brown, black, gray and white mottled, fine to very fine sandy Clay.		2	5 7 9 12	10.03	
		CL	Hard, moist, dark reddish brown to brown, pale greenish brown mottled, silty Clay, some coarse to fine sand observed in sample.		1.6	14 16 31 43	5.7	
50		SC	Hard, moist to wet, pale greenish brown, coarse to fine sandy Clay. Abundant dull white to pale yellowish white, mineral fragments or crystals observed in sample, no reaction with HCl.		0.3	50/4	0	
		SC	Hard, wet, dark brown, coarse to fine sandy Clay. Abundant angular to very angular weathered rock fragments, dark brown to black in color observed in sample. Sanitary water-like odor from sample.		0.5	60/6	13.8	
60			Highly weathered rock (saprolite) in a hard, wet, dark brown, coarse to fine sandy Clay matrix. This highly weathered, angular to very angular, rock fragments, has a very fine grained texture and dark brown to black color.		0.3	60/4	33.5	
70								
80								

ELEV (feet): 1330, 1325, 1320, 1315, 1310, 1305, 1300, 1295

WELL CONSTRUCTION



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San Juan, PR 00907
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Fax: 787-722-6607

Lithologic and Monitoring Well Construction Log

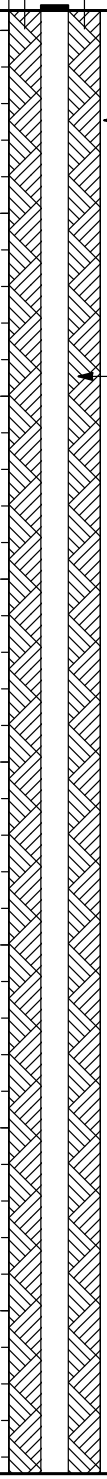
PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-10**
STARTED: 4/30/10 COMPLETED: 5/5/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Flush-mount	NORTHING: 779149.85 Feet EASTING: 751092.75 Feet G.S. ELEVATION: 1375.54 Feet M.P. ELEV: 1375.43 WATER: TOTAL DEPTH: 77.0 Feet LOGGED BY: H. Chacon CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
			Fill material described as: Stiff, dry, reddish brown to brown, yellowish brown mottled, fine to very fine clayey Sand with some rock fragments.		0.5	5 4 6 6	0	1375
		SC	Stiff, dry, yellowish brown to brown, black and white mottled, medium to coarse clayey Sand with some rock fragments.		0.9	4 4 6 6	0	1370
10		SC	Stiff, dry, greenish gray, black and white mottled, medium to coarse clayey Sand with some rock fragments.		1.5	3 3 3 3	0	1365
		SC	Firm, moist to wet, greenish gray, black and white mottled, medium to fine sandy Clay with some rock fragments.		1.8	1 2 1 2	0	1360
20		CL	Very stiff, moist to wet, orange brown, black and pale yellow mottled, very fine sandy Clay with some rock fragments.		2	2 5 9 9	0	1355
		CL	Stiff to very stiff, wet, orange brown to brown, pale yellowish brown to black mottled, medium to fine sandy Clay. Water level encountered at 23.90 ' bgs		2	3 4 6 6	0	1350
30		CL	Very stiff, wet, orange brown to reddish brown, pale yellowish brown to pale brown mottled, medium to fine sandy to silty Clay. Few angular to sub angular mafic rock fragments with fine grain texture and gravel to coarse sand in size.		2	5 7 8 7	0	1345
		CL	Very stiff, wet, dark reddish brown to brown, pale yellowish brown to pale orange brown and some black mottled, very fine sandy to silty Clay.		2	3 4 5 5	0	1340

WELL CONSTRUCTION



0 - 58: Cement/Bentonite Grout

0 - 62: 4-inch PVC casing

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Fax: 787-722-6607

Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005977

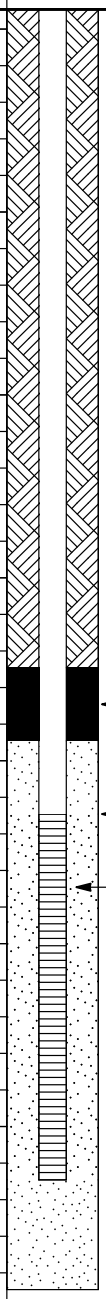
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-10**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Very stiff, dry to damp, dark reddish brown to brown, pale yellowish brown and some black mottled, very fine sandy to silty Clay. Some medium to coarse sand observed in sample at 41 ' bgs.		2	5 6 8 11	10.9	1335
		CL	Very stiff, dry to damp, dark reddish brown to brown, pale yellowish brown to reddish brown mottled, very fine sandy to silty Clay. Some medium sand observed in sample.		2	4 6 6 6	2.4	1330
50		CL	Stiff, damp to wet, dark reddish brown to brown, pale yellowish brown mottled, very fine sandy Clay. Some medium sand observed in sample.		2	5 5 6 7	8.2	1325
		CL	Very stiff, dry to damp, dark reddish brown to brown, medium to fine sandy Clay.		2	5 6 8 11	0	1320
60		CL	Very stiff, damp to moist, dark reddish brown to brown, pale orange brown mottled, medium to fine sandy Clay. Some coarse sand observed in sample		2	5 6 9 13	0	1315
		CL	Hard, moist to wet, dark reddish brown to brown, pale yellowish brown mottled, medium to coarse sandy Clay.		2	9 15 21 25	0	1310
70		CL	Hard, damp to moist, pale brown to pale yellowish brown, pale orange brown to reddish brown and some black mottled, medium to fine sandy Clay with some angular mafic rock fragments with fine grain texture.		0.8	21 70/6	0	1305
			Highly Weathered Rock (saprolite) described as: Hard, moist to wet, dark greenish gray, pale yellowish brown to dull white mottled, coarse to medium sandy, with abundant angular to very angular mafic rock fragments with fine grain texture, and easily crumble under finger pressure.		0.7	85/6	0	1300
80								1295

WELL CONSTRUCTION



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Fax: 787-722-6607

Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005978

PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

NO: **SMW-11**

STARTED: 6/8/10 COMPLETED: 6/18/10
DRILLING COMPANY: Jaca & Sierra
DRILLING EQUIPMENT:
DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole
SAMPLING METHOD: Split Spoon
SURFACE COMPLETION: Abandoned

NORTHING: Feet EASTING: Feet
G.S. ELEVATION: Feet M.P. ELEV:
WATER: TOTAL DEPTH:92.0 Feet
LOGGED BY: H. Chacon CHECKED BY: M. Valentino
HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane
VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
			Six inches of black top soil with abundant organic matter, followed by very stiff, dry, reddish brown to red Clay.		1.5	5 6 6 7	0		
		CL	Stiff, dry, reddish brown to red silty Clay to Clay.		2	3 2 3 7	5.6		
10		CL	Stiff, dry, reddish brown to red Clay. Abundant black and pale orange brown lineations observed in sample.		2	5 5 6 7	0		
		CL	Stiff, dry to damp, reddish brown to red, pale yellowish orange to brown mottled Clay. Some very fine sand in sample.		2	3 4 5 6	0		
20		CL	Stiff, dry to damp, reddish brown to red, pale yellowish orange to brown mottled Clay.		1.5	3 3 5 5	0		
		CL	Very stiff, damp to moist, dark reddish brown to brown, pale to dark orange brown to dull white mottled Clay, some silt observed in sample.		2	3 5 5 6	0		
30		CL	Very stiff, damp to moist, dark reddish brown to brown, pale dark orange to dull white mottled Clay. Abundant vertical and horizontal lineations presenting black stains and change in color from brown to light brown close to the lineations.		2	3 5 6 8	0		
		CL	Very stiff, wet, dark reddish brown to brown, pale yellowish brown to pale orange brown and some black mottled, very fine sandy to silty Clay.		2	3 4 4 5	0		

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site
LOCATION: Cidra, Puerto Rico

NO: **SMW-11**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
		CL	Stiff, dry to damp, dark reddish brown to brown, pale gray mottled Clay. Abundant vertical and horizontal lineations presenting black stains.		2	3 3 3 6	0		
		CL	Stiff, damp to moist, pale brown to pale reddish brown, black mottled Clay with some very fine sand. Few vertical lineations with black stains observed in sample.		2	2 2 4 6	68		
50		CL	Very stiff, damp to moist, pale brown to brown Clay, some silt observed at 52' bgs. Some horizontal lineations presenting pale brown to black stains observed in sample.		2	4 7 9 9	91		
			Angular to very angular, well indurated, pale gray to blueish gray, fine grain, rock fragments						
		CL	Hard, damp to moist, brown to pale brown, pale orange brown mottled Clay, some silt. Abundant horizontal and nearly vertical lineations with pale brown to black stains observed in sample.		0.2	50/2	0		
60		ML	Hard, damp to moist, brown to pale reddish brown, dull white mottled Silt to clayey Silt. Some nearly vertical lineations with pale brown to black stains observed at 61.5' bgs.		2	32 29 45 50/5	0		
		ML	Hard, damp, dark brown to brown, coarse to fine sandy Silt, some clay observed in sample. Some mafic, angular to very angular, well indurated, rock fragments of fine grain texture observed in sample.		0.5	50/5	0		
70			Angular to very angular, well indurated, dark brown to black, fine grain, rock fragments, with curved fracture plains and some small elongated black crystals.		0.2	50/2.5	0		
		ML	Hard, moist, brown to reddish brown, white to pale orange brown and black mottled, very fine sandy to clayey Silt.		2	4 8 11 14	0		
80		ML	Hard, damp, pale greenish gray to pale greenish brown, pale greenish white to black mottled, very fine sandy to clayey Silt.		1	15 46 50/2	0.4		

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

NO: **SMW-11**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
			Angular to very angular, well indurated, dark gray to black, fine grain, rock fragments with curved fracture plains in a damp, medium to fine sandy Clay matrix.		0.2	50/2	0		
90			Highly weathered rock (saprolite) described as: Angular to very angular, dark greenish brown to black, rock fragments, in a damp, coarse to fine silty to clayey Sand matrix.		0.3	50/3	0		
100									
110									
120									

CDM
1225 Ponce de Leon Ave. Suite 603
San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	NO: **SMW-11A**
STARTED: 6/30/10 COMPLETED: 7/7/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Abandoned	NORTHING: Feet EASTING: Feet G.S. ELEVATION: Feet M.P. ELEV: WATER: TOTAL DEPTH:102.0 Feet LOGGED BY: H.Chacon CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
		CL	Six inches of black top soil with abundant organic matter, followed by stiff, dry to damp, dark reddish brown to brown, very fine sandy Clay to Clay. (SMW11 offset at Luis Muñoz Rivera School close to Praxedes)						
		CL	Stiff, dry to damp, dark reddish brown to brown, some pale orange brown to dull white mottled, very fine sandy Clay to Clay.		1.8	3 5 7 9	1600		
10		CL	Stiff, dry to damp, dark reddish brown, pale purple, pale gray and dull white mottled Clay. Few very fine sand observed in sample.		2	2 2 8 5	569		
		CL	Stiff, dry to damp, dark reddish brown, pale purple, pale gray and dull white mottled Clay. Few very fine sand observed in sample.		1.9	2 3 4 5	156		
20		CL	Stiff, dry to damp, dark reddish brown in color, dark purple, pale gray and dull white mottled Clay. Some evidence of what appears to be mineralization with dull white crystals and powdery texture, non reactive with HCl observed in sample.		2	3 3 5 5	0		
		CL	Stiff, dry to damp, reddish brown to pale orange brown, pale gray and black mottled Clay. Abundant horizontal lineations with dark brown to black stains along sample.		2	2 3 3 5	2.8		
30									

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site
LOCATION: Cidra, Puerto Rico

NO: **SMW-11A**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
50		CL	Stiff, dry to damp, brown to dark brown, pale orange and dull white mottled, Clay, some silt. Few horizontal lineations with black stains observed in sample.		2	2 3 3 4	0.8		
60		CL	Hard, dry, brown to dark brown, pale orange brown to pale gray mottled silty Clay. Few horizontal lineations presenting black stains observed in sample at 62' bgs.		1.9	11 18 26 50/5	1.6		
70		CL	Hard, damp to wet, dark brown to dark grayish brown, clayey Silt. Some mafic, angular to very angular, well indurated, rock fragments of fine grain texture observed in sample.		0.8	26 50/4	300		
80		ML	Hard, dry to damp, dark brown to greenish brown, clayey Silt.		0.5	50/4	>3000		

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site
LOCATION: Cidra, Puerto Rico

NO: **SMW-11A**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
		ML	Hard, dry to damp, dark brown to dark reddish brown, Silt, some clay observed in sample. Some dark brown to black, highly weathered, angular to sub angular rock fragments.		0.4	50/4	>3000		
90		ML	Hard, damp to wet, dark brown to brown, coarse to fine sandy to clayey Silt. Some dark brown to black, highly weathered, angular to sub angular rock fragments.		0.4	50/4	0		
		ML	Hard, damp to wet, dark brown to brown, clayey Silt, some medium to fine sand observed in sample. Few well indurated, angular to very angular, dark blue to black, fine grain, rock fragments, with some small dull white crystals observed in sample.		0.2	50/3	0		
100			Angular to very angular, dark blue to black, well indurated, fine grain, rock fragments in a damp clayey silt matrix.		0.2	50/1	>3000		
110									
120									

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Lithologic and Monitoring Well Construction Log

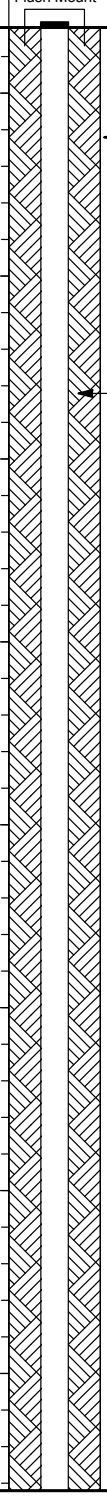
PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-12**
STARTED: 5/11/10 COMPLETED: 5/17/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Flush-mount	NORTHING: 779689.00 Feet EASTING: 750789.57 Feet G.S. ELEVATION: 1376.79 Feet M.P. ELEV: 1379.15 WATER: TOTAL DEPTH:92.0 Feet LOGGED BY: J.Reyes CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Three (3) inches of black top soil with abundant organic matter, followed by very stiff, dry, brown to orange brown Clay. Some black lineation observed along sample.		1.3	3 7 9 11	0	1375
		CL	Very stiff, dry, reddish brown, fine to very fine sandy Clay, some silt observed in sample. Some medium to coarse sand observed in sample.		1.3	4 6 8 11	0	1370
10		CL	Very stiff, dry, reddish brown to yellowish orange, white mottled, very fine sandy Clay.		1.4	4 5 8 7	0	1365
		CL	Very stiff, damp to moist, reddish brown to yellowish orange, white mottled, very fine sandy Clay, some silt observed in sample. Few lineations showing black stains observed in sample.		1.7	3 4 5 6	0	1360
20		CL	Stiff, damp to moist, dark reddish brown, pale yellowish brown to pale yellowish white and black mottled, Clay, some silt observed in sample.		1.6	2 2 3 4	0	1355
		CL	Very stiff, damp to moist, dark reddish brown, pale yellowish brown to pale yellowish white and black mottled, Clay, some silt observed in sample .		2	3 4 7 8	0	1350
30		CL	Very stiff, dry to damp, dark reddish brown, pale yellowish brown to pale yellowish white and black mottled, Clay, some silt observed in sample.		2	4 6 7 8	0	1345
		CL	Very stiff, dry to damp, dark reddish brown, pale yellowish brown to pale yellowish white and black mottled, Clay, some silt observed in sample.		2	5 5 8 13	0	1340

WELL CONSTRUCTION



0 - 74: Cement/Bentonite Grout

0 - 78: 4-inch PVC casing

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005985

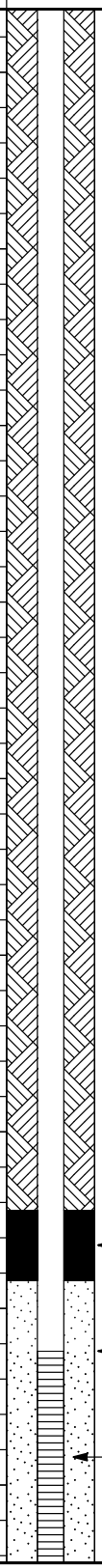
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-12**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Very stiff, damp to moist, reddish brown to dark reddish brown, pale yellowish brown to pale yellowish white and black mottled, very fine sandy to silty Clay. Some evidence of what appears to be mineralization at 40.5 ft bgs; presented as small dull white crystals with powdery texture, and non reactive with HCl.		2	5 8 9 12	0	1335
		CL	Stiff, damp to wet, reddish brown to dark reddish brown, pale yellowish brown to pale yellowish white and black mottled, very fine sandy to silty Clay. Some evidence of what appears to be mineralization at 45' to 46.5' bgs interval; presented as small dull white crystals with powdery texture, and non reactive with HCl. Abundant lineations or faults with black stains observed along sample.		2	2 2 3 7	0	1330
50		CL	Very stiff, damp to moist, dark brown to brown, white mottled, Clay with some very fine sand observed in sample.		2	4 4 7 8	0	1325
		CL	Very stiff, moist, dark greenish brown to reddish brown, black and white mottled, very fine sandy Clay to Clay. Some evidence of what appears to be mineralization along nearly vertical fault lines or lineations observed in sample; presented as small dull white crystals non reactive with HCl.		2	2 3 5 9	0	1320
60		CL	Very stiff, damp to moist, dark greenish brown to reddish brown, pale yellowish brown to pale yellowish white mottled, Clay, some silt observed in sample.		2	3 4 7 18	0	1315
		CL	Hard, damp, pale greenish brown to dark brown Clay, black and white lineations observed in sample, showing evidence of what appears to be mineralization (small white crystals , non reactive with HCl).		2	10 14 13 19	0	1310
70		CL	Hard, damp, dark greenish brown to pale yellowish orange brown mottled Clay, some silt in sample. Black and white lineations observed in sample, showing evidence of what appears to be mineralization (small white crystals , non reactive with HCl).		2	7 12 20 22	0	1305
		ML	Hard, damp to wet, dark greenish brown to dark brown, white to dull white and black mottled clayey Silt.		0.7	29 50/6	0	1300
80		ML	Hard, wet, dark greenish brown to dark brown, white mottled clayey Silt. Some black lineations observed in sample.		1.1	14 50/6	0	1295

WELL CONSTRUCTION



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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005986

PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-12**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
		ML	Hard, wet, dark greenish brown to dark brown, dark brown to brown and black mottled very fine sandy to clayey Silt.		0.4	50/4	0	1290	
90			Highly Weathered Rock, (saprolite) described as: Hard, wet, dark greenish brown to dark brown, black mottled, clayey Silt matrix, with abundant dark brown to black, angular to very angular, rock fragments with fine grain texture, easily crumbles under finger pressure.		0.3	50/3	0	1285	
								1280	
100								1275	
								1270	
110								1265	
								1260	
120								1255	
								1250	

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Lithologic and Monitoring Well Construction Log

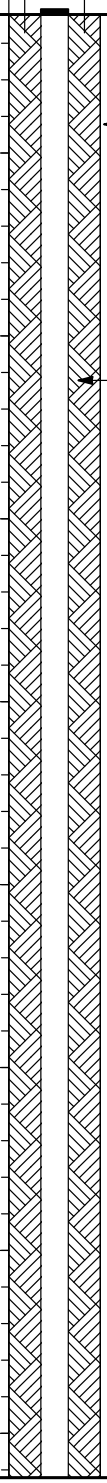
PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-2**
STARTED: 5/25/10 COMPLETED: 6/4/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Flush-mount	NORTHING: 780101.34 Feet EASTING: 750883.74 Feet G.S. ELEVATION: 1383.78 Feet M.P. ELEV: 1383.61 WATER: TOTAL DEPTH: 108.0 Feet LOGGED BY: H. Chacon CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		SC	Fill material described as: Stiff, dry, reddish brown to brown, yellowish brown mottled, fine to very fine sandy Clay with some rock fragments.		0			
								1380
		CL	Hard, dry, dark brown to dark reddish brown, Clay, some very fine sand observed in sample.		2	6 9 11 13	0	
								1375
10		SC	Very stiff, dry to damp, dark brown to light brown, medium to fine sandy Clay.		2	5 6 8 9	719	
								1370
		CL	Very stiff, dry to damp, brown to reddish brown, pale yellowish to orange brown mottled Clay, some medium to fine sand.		2	4 5 6 8	22	
								1365
20		CL	Very stiff, dry to damp, dark reddish brown to light greenish brown, dull white to pale yellowish brown mottled Clay, some very fine sand observed in sample.		2	4 6 8 9	85	
								1360
		CL	Firm, damp to moist, dark reddish brown to dark purple brown, dark gray to pale yellowish brown mottled Clay, some medium to fine sand observed in sample.		2	3 4 6 6	22	
								1355
30		CL	Stiff, damp, dark reddish brown, pale brown, white and black mottled Clay, few very fine sand observed in sample. Abundant black stains along sample.		2	3 3 5 5	15	
								1350
		CL	Stiff, damp, reddish brown, pale yellowish brown to pale gray, white and black mottled Clay, some very fine sand observed in sample. What appears to be an old fracture structure with evidence of mineralization observed at 37 ft bgs. White to yellowish white very small crystals with powdery appearance and dark gray to greenish gray color observed in contact		2	3 4 4 6	3	
								1345

WELL CONSTRUCTION



0 - 78: Cement/Bentonite Grout

0 - 94: 4-inch PVC casing

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

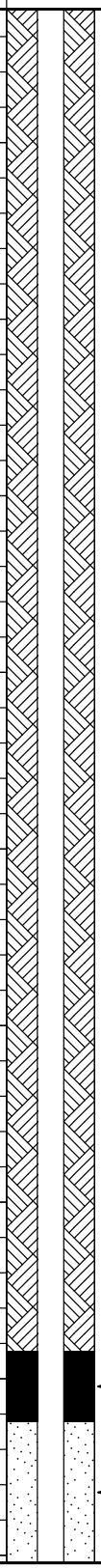
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-2**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	with the surrounding clay were observed oriented 45° from horizontal at these fractures. These fracture structures are approximately four inches long and one half inch in thickness. Stiff, dry to damp, dark brown to dark reddish brown, black and white mottled Clay, some very fine sand in sample. What appears to be an old fracture structure or lineations withblack stains observed in sample from 41 ft bgs to 42 ft bgs.		2	4 4 5 6	0	
		CL	Very stiff, dry to damp, reddish brown to brown, greenish gray to pale yellowish orange and black mottled Clay, few very fine sand. Abundant lineations or fault planes presenting black stains observed in sample.		2	4 4 7 10	0	1340
50		CL	Very stiff, damp to moist, dark brown to light brown, orange to gray mottled Clay, some medium to fine sandy in sample. Abundant black stains and some evidence of what appears to be mineralization observed at 52 ft bgs. White to dull white small crystals with powdery appearance observed in sample at this depth.		2	5 6 9 14	24.8	1335
		CL	Hard, damp to moist, pale reddish brown to reddish brown, orange to pale orange and white mottled Clay, few very fine sandy in sample. Change of color from reddish brown to pale greenish gray is common along sample.		2	5 6 9 17	3	1330
60		CL	Hard, damp to moist, pale brown to greenish brown, pale reddish brown to white mottled, medium to fine sandy to silty Clay. Abundant evidence of what appears to be mineralization along faults or lineations filled with white crystals of powdery texture and black stains non reactive with HCl observed in sample		2	9 12 14 15	0	1325
		CL	Hard, damp to moist, pale brown to greenish brown, pale brown to white and black mottled, Clay to silty Clay. Some very fine sand in sample. Abundant evidence of lineations with black stains observed in sample.		2	4 6 12 21	0	1320
70		CL	Hard, damp to moist, pale orange brown to pale yellowish brown to greenish gray, dull white to black mottled, medium to fine sandy to silty Clay. Some evidence of lineations with black stains observed in sample.		2	18 19 38 45	0	1315
		CL	Hard, damp to moist, pale gray to light brown, reddish brown to white and some black mottled Clay, some silt in sample. Some evidence of lineations with black stains observed.		2	12 13 17 20	0	1310
80		CL	Hard, wet, light brown to pale greenish gray, dull white and black mottled very fine sandy to silty Clay. Some evidence of lineations with black stains observed in sample.		2	15 32 50/4	0	1305
								1300

WELL CONSTRUCTION



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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

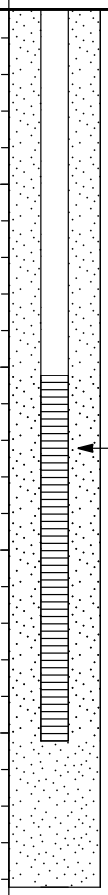
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-2**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Hard, damp to moist, dark brown to pale greenish gray brown, silty Clay to clayey Silt. Some lineations with black stains observed in sample from 85.5' to 86' bgs.		2	14 43 50/4	0	
90		ML	Hard, damp to moist, brown to dark brown, pale greenish white to pale reddish brown and black mottled, fine to very fine sandy to clayey Silt.		2	20 30 50/4	0	
		CL	Hard, damp to moist, brown to dark brown with few bands changing from brown to pale greenish gray to yellowish brown with few dark purple brown stains, clayey Silt, some very fine sand at 96 ft bgs.		1.5	29 29 50/4	0	
100		CL	Hard, damp, dark brown to brown, pale greenish brown to dull white mottled, very fine sandy Silt, some clay. Few highly weathered rock fragments in silt matrix observed.		1.1	21 50/4	60	
			Highly weathered rock (saprolite) described as: Hard, moist to wet, dark brown to brown, coarse to fine sandy Silt, some clay. Abundant angular to very angular mafic rock fragments with fine grain texture, and easily crumble under finger pressure.		0.5	50/3	0	
110					0			
120								

WELL CONSTRUCTION



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Lithologic and Monitoring Well Construction Log

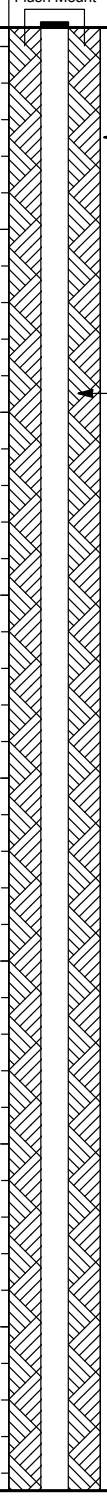
PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-3**
STARTED: 5/20/10 COMPLETED: 5/24/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Flush-mount	NORTHING: 779801.50 Feet EASTING: 750631.32 Feet G.S. ELEVATION: 1370.52 Feet M.P. ELEV: 1370.29 WATER: TOTAL DEPTH: 77.0 Feet LOGGED BY: H. Chacon CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Stiff, dry to damp, pale brown to pale gray, very fine sandy clay.					1370
		CL	Stiff, dry to damp, pale brown to pale gray, very fine sandy clay.		1.7	3 4 5 6	0	1365
10		CL	Very stiff, dry to damp, reddish brown to pale gray, dark reddish brown to black mottled, medium to fine sandy Clay to Clay.		2	4 6 8 9	0	1360
		CL	Very stiff, dry to damp, reddish brown to dark reddish brown, white, pale yellowish brown and black mottled, very fine sandy Clay to Clay.		2	4 6 6 6	0	1355
20		CL	Firm, dry to damp, reddish brown to dark reddish brown, pale yellowish brown to pale reddish brown and black mottled, very fine sandy Clay.		2	3 3 2 3	0	1350
		CL	Firm, damp to moist, reddish brown to dark reddish brown, pale orange brown to dull white and black mottled, very fine sandy Clay. Irregular lineations or faults along sample with dark brown to black stains observed		2	2 2 3 3	0	1345
30		CL	Stiff, damp to moist, pale brown to dark brown, dull white and black mottled, very fine sandy Clay to Clay.		2	2 3 3 4	0	1340
		CL	Stiff, damp to moist, pale brown to brown, dull white , pale gray and black mottled, very fine sandy Clay to Clay.		2	3 4 5 6	0	1335

WELL CONSTRUCTION



0 - 61: Cement/Bentonite Grout

0 - 65: 4-inch PVC casing

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005991

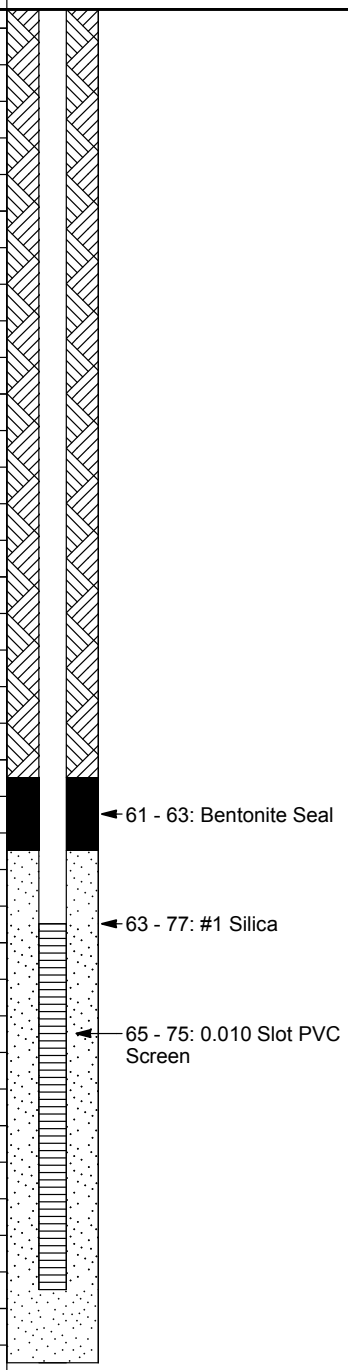
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-3**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Stiff, damp to moist, dark brown, dull white and gray mottled, very fine sandy Clay to Clay. Abundant lineations or faults along sample with dark brown to black color stains observed.		2	3 4 4 7	0	1330
		CL	Very stiff, damp to moist, dark brown to light brown, dull white and pale orange brown mottled, very fine sandy Clay to Clay. Abundant lineations or faults along sample with dark brown to black color stains observed.		2	3 5 7 10	0	1325
50		CL	Very stiff to hard, damp to moist, brown to light brown to dull white, gray, black and dark reddish brown mottled, very fine sandy to silty Clay. What appears to be hard mineral deposits, white to greenish white in color, non reactive in presence of HCl , was observed at 50' 10" bgs.		2	4 6 10 14	0	1320
		CL	Hard, moist to wet, light brown to dark reddish brown, reddish brown to greenish gray, dull white and black mottled, fine to very fine sandy to silty Clay. What appears to be abundant lineations or faults along sample filled with white to greenish white mineral deposits, non reactive in presence of HCl observed.		2	5 6 8 11	0	1315
60		SC	Hard, damp to moist, light brown to brown, reddish brown to pale gray and white mottled, medium to fine sandy Clay to sandy Silt.		2	12 18 30 48	0	1310
		ML	Hard, damp to moist, light brown to brown, reddish brown to pale gray and white mottled, fine to very fine sandy Silt, some clay observed in sample.		2	12 17 21 46	0	1305
70		ML	Hard, moist to wet, light brown to brown, reddish brown, pale gray and white mottled, medium to fine sandy Silt.		0.8	45 50/3	0	1300
			Highly Weathered Rock (saprolite) described as:Very dense, wet, dark brown to dark reddish brown, dull white to black mottled, coarse to fine silty to clayey Sand. Abundant angular to very angular mafic rock fragments with fine grain texture.		0.6	50/6	0	1295
80								1290

WELL CONSTRUCTION



CDM
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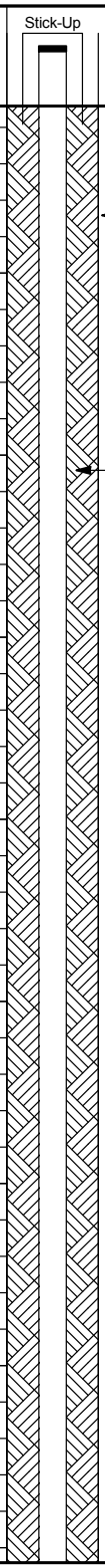
Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-5**
STARTED: 4/23/10 COMPLETED: 4/29/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Stickup	NORTHING: 779199.51 Feet EASTING: 750691.14 Feet G.S. ELEVATION: 1369.58 Feet M.P. ELEV: 1372.18 WATER: TOTAL DEPTH: 77.0 Feet LOGGED BY: J.Reyes CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
			Fill Material described as: Very stiff, dry, brown, fine sandy to silty Clay with abundant angular rock fragments.		1.3	6 8 8 8	0.9	
		CL	Very stiff, dry, reddish brown, silty Clay with some fine sandy and few angular rock fragments.		1.5	5 8 9 10	0.9	1365
10		CL	Stiff, dry, yellowish brown, red and black mottled, silty Clay with some very fine sand.		1.3	4 4 4 5	0.5	1360
		CL	Firm, dry, yellowish brown to red, black and white mottled, fine to very fine sandy Clay with some silt.		1.8	2 2 3 4	0.1	1355
20		CL	Firm to stiff, damp, yellowish brown, black and white mottled, fine to very fine sandy Clay with some silt.		2	1 2 3 3	0.3	1350
		CL	Stiff, damp, yellowish brown, black and white mottled, fine to very fine sandy Clay with some silt.		2	1 2 3 3	0.3	1345
30		CL	Stiff, dry to damp, yellowish brown, gray and white mottled, fine to very fine sandy Clay with traces of silt.		2	3 3 4 8	0.3	1340
		CL	Dense, dry to damp, yellowish brown, black and white mottled, fine to very fine clayey Sand with some silt.		0.9	22 22 10 7	0.3	1335
								1330



WELL CONSTRUCTION

0 - 43.6: Cement/Bentonite Grout

-2 - 40: 4-inch PVC casing

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005993

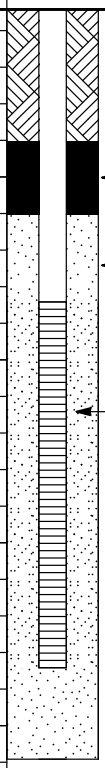
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-5**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		SC	Very firm, dry to damp, yellowish brown, black and white mottled, fine to very fine clayey Sand with some silt.		2	8 7 6 6	0	
		SC	Very dense, damp to moist, yellowish brown, gray and white mottled, fine to very fine clayey Sand with traces of silt.		2	12 13 19 19	0	1325
50		SC	Dense, moist to wet, yellowish brown, black, gray and white mottled, fine to very fine clayey Sand with some silt.		1.1	7 9 13 13	0	1320
		SC	Dense, moist to wet, yellowish brown, black, gray and white mottled, fine to very fine clayey Sand with some silt and rock fragments .		1.6	16 11 11 15	0	1315
60		SC	Dense to very dense, moist to wet, yellowish brown, black and white mottled, fine to very fine clayey Sand with some rock fragments .		1.4	38 75/4	0	1310
		SC	Dense to very dense, dry, yellowish brown, black and gray mottled, medium to coarse silty to clayey Sand with some rock fragments.		0.4	70/5	0	1305
70			Highly Weathered Rock (saprolite) described as: Dense to very dense, dry, brown to yellowish brown, black, greenish yellow and gray mottled, medium to coarse clayey Sand with some rock fragments .		0.3	70/3	0	1300
			Highly Weathered Rock (saprolite) described as: Dense to very dense, dry, brown, black and gray mottled, medium to coarse clayey Sand with rock fragments .		0.2	70/2	0	1295
80								1290

WELL CONSTRUCTION



43.6 - 45.6: Bentonite Seal

45.6 - 60.5: #1 Silica

48 - 58: 0.010 Slot PVC Screen

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Lithologic and Monitoring Well Construction Log

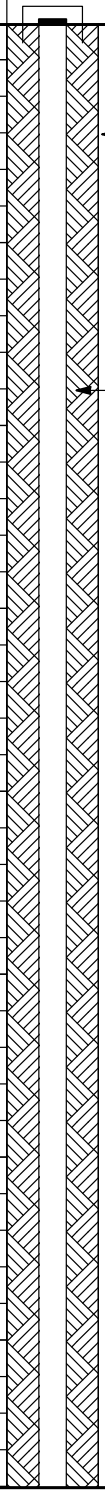
PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site LOCATION: Cidra, Puerto Rico	MONITORING WELL NO: **SMW-9**
STARTED: 6/22/10 COMPLETED: 6/28/10 DRILLING COMPANY: Jaca & Sierra DRILLING EQUIPMENT: DRILLING METHOD: Hollow Stem Auger, In. Dia. Borehole SAMPLING METHOD: Split Spoon SURFACE COMPLETION: Steel Flush-mount	NORTHING: 779219.25 Feet EASTING: 751022.35 Feet G.S. ELEVATION: 1375.96 Feet M.P. ELEV: 1375.7 WATER: TOTAL DEPTH:94.6 Feet LOGGED BY: J.Reyes CHECKED BY: M. Valentino HORIZONTAL DATUM: NAD 83, COORD. SYS.: PR/USVI State Plane VERTICAL DATUM: NGVD 29

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Three inches of black top soil with abundant organic matter, followed by very stiff, damp, dark reddish brown Clay.		2	2 3 7 6	0	1375
		CL	Very stiff, damp to wet, dark reddish, very fine sandy Clay. Some medium to coarse sand observed in sample.		2	2 7 8 7	0	1370
10		CL	Soft, damp, reddish brown to brown, white mottled, very fine sandy Clayey. Few lineations with pale yellowish brown color with black stains observed in sample.		1.2	1 1 1 3	30	1365
		CL	Stiff, damp, reddish brown to pale orange brown, black and white mottled, very fine sandy Clayey. Abundant vertical lineations along sample length as well as horizontal lineations (in less abundance) with black stains observed in sample.		2	2 3 3 5	75	1360
20		CL	Very stiff, damp, brown to reddish brown, pale brown to pale orange brown and black mottled, very fine sandy Clay. Abundant vertical lineation's along sample length as well as horizontal (in less concentration per sample area) presenting black stains observed in sample.		2	3 5 5 6	15	1355
		CL	Hard, dry to damp, dark reddish brown to pale reddish brown, pale orange brown to black mottled, very fine sandy Clay. Some evidence of what appears to be mineralization at 26' bgs, described as small dull white crystals with powdery texture, non reactive with HCl.		2	4 7 11 12	48.9	1350
30		CL	Hard, damp, pale brown to brown, pale orange brown to black mottled, very fine sandy Clay. Some silt observed in sample.		2	5 11 12 14	2999	1345
		CL	Hard, damp, pale brown to brown, pale orange brown to black mottled, very fine sandy Clay. Some evidence of what appears to be mineralization, described as small dull white crystals with powdery texture, non reactive with HCl observed in sample.		2	5 6 11 20	266	1340

WELL CONSTRUCTION



0 - 75.5: Cement/Bentonite Grout

0 - 82: 4-inch PVC casing

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

R2-0005995

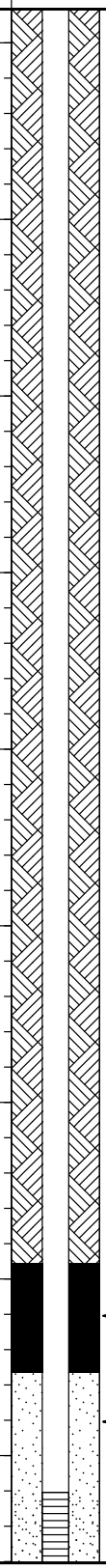
PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-9**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)
		CL	Hard, dry to damp, pale brown to brown, pale orange brown to black mottled, very fine sandy Clay. Some lineations along sample length presenting black stains observed in sample.		2	6 12 15 16	245	1335
		CL	Hard, damp to moist, dark brown to pale brown, coarse to fine sandy Clay. Abundant silt observed in sample. Few angular to sub angular, coarse sand, dark brown to black, highly weathered rock fragments . Some vertical lineations (along sample length) showing black stains observed in sample at 46 ft. bgs and filled with small dull white crystals, approximately four inches long and non reactive with HCl.		1.7	10 11 15 15	50	1330
50		CL	Hard, damp to moist, brown to dark brown, very fine sandy to silty Clay. Few angular to sub angular, dark brown to black, highly weathered rock fragments, coarse sand in size.		2	4 9 10 17	45	1325
		CL	Very stiff, wet, pale brown to pale greenish brown, pale orange brown and dull white mottled, very fine sandy to silty Clay. Some angular to sub angular highly weathered rock fragments dark brown in color. Few well indurated mafic, fine grain, igneous rock fragments observed at 57' bgs.		2	2 3 4 9	20.9	1320
60		CL	Hard, damp, pale greenish brown, pale orange brown and dull white mottled, silty Clay. Some very fine sand observed in sample.		2	8 7 15 18	20	1315
		ML	Hard, wet, brown to dark brown, clayey Silt. Abundant medium to fine sand observed in sample. Some heavily weathered , angular to sub angular dark brown rock fragments at 66' bgs. Some pale orange brown and white mottled color, observed at 67'bgs.		2	19 35 37 50/5	1650	1310
70		ML	Hard, wet, brown to dark brown, some pale orange brown to black mottled, clayey Silt. Abundant medium to fine sand observed in sample.		2	9 17 22 24	69.5	1305
		ML	Hard, wet, brown to pale greenish brown, pale orange brown to dull white mottled, clayey Silt. Few very fine sand observed in sample. Some highly weathered , angular to sub angular dark brown rock fragments at 77' bgs.		2	12 13 17 23	2261	1300
80		ML	Hard, wet, brown to pale brown, clayey Silt. Abundant medium to fine sand observed in sample. Abundant highly weathered, dark brown, angular to sub angular rock fragments.		1	36 50/6	78	1295

WELL CONSTRUCTION



75.5 - 78.6: Bentonite Seal

78.6 - 94.6: #1 Silica

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

PROJECT: Cidra Groundwater Contamination Site

LOCATION: Cidra, Puerto Rico

MONITORING WELL NO: **SMW-9**

DEPTH (feet)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (feet)	BLOW COUNTS	PID (ppm)	ELEV (feet)	WELL CONSTRUCTION
		ML	Hard, wet, dark brown to brown, clayey Silt. Some highly weathered, dark brown, angular rock fragments easily crumble under finger pressure.		2	15 22 27 50/5	200	1290	82 - 92: 0.010 Slot PVC Screen
90			Highly Weathered Rock (saprolite) described as: Hard, wet, brown to light brown, fine to very fine sandy to silty Clay matrix, with abundant dark brown to brown, angular to very angular, mafic rock fragments with fine grain texture, easily crumbles under finger pressure.		0.5	50/5	488	1285	
					0		0		
			Highly Weathered Rock (saprolite) described as: Hard, wet, brown to light brown, fine to very fine sandy to silty Clay matrix, with abundant dark brown to brown, angular to very angular, mafic rock fragments with fine grain texture, and easily crumble under finger pressure.					1280	
100								1275	
								1270	
110								1265	
								1260	
120								1255	
								1250	

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Lithologic and Monitoring Well Construction Log

PROJECT NO. 3320.004

CIDRA MONITORING WELL LOG CIDRA_4.GPJ LAI-PRE_DESIGN.GPJ 4/4/11 REV.

Soil Boring Logs

CDM

LOG OF BORING NO. CCSB-11

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779043.654 Feet**
EASTING: **750804.423 Feet**
DATE STARTED: **April 23, 2010**
DATE COMPLETED: **April 23, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE: ____ ____ ____
TIME: ____ ____ ____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Top soil described as: firm, dark brown to black clayey to silty sand, with abundant organic matter from 0 to 13 inches bgs, followed by dry to damp, dark brown to reddish brown, medium to fine sandy Clay.	
2	4	4			0		5	CL		Stiff, dry to damp, dark brown to reddish brown, pale brown mottled, medium to fine sandy Clay.	
3	4	4			0		10	CL		Stiff, dry, dark brown to reddish brown, pale brown mottled Clay. Some fine to very fine sand observed in sample.	
							15				
4	4	4			0		20	CL		Firm to stiff, damp to dry, dark reddish brown to light reddish brown, light yellowish brown to black and yellow pale mottled, very fine sandy to silty Clay.	
							25				
							30				
5	4	4			0		35			No sample collected due to GEOPROBE MACRO-CORE liner failure	
							40				
6	4	4			0		45	CL		Stiff, damp to dry, dark reddish brown to red, light yellowish brown to pale yellow mottled, silty Clay to Clay.	
							50				
							55				
7	4	4			0		60	CL		Firm to stiff, damp, dark reddish brown to red, some black mottled, Clay. Some silt observed in sample	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-11

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-12

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779055.37 Feet**
EASTING: **750811.931 Feet**
DATE STARTED: **April 23, 2010**
DATE COMPLETED: **April 23, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Firm, dry to damp, dark brown to reddish brown, silty Clay. Some medium to fine sand and organic matter observed in sample from 0 to 0.5 ft bgs.	
2	4	2.66			0		5	CL		Firm, dry to damp, dark brown to reddish brown, silty Clay. Some medium to fine sand at 6 ft bgs observed in sample.	
3	4	2.5			24		10	CL		Stiff, dry to damp, dark reddish brown to brown, silty Clay to Clay. Few fine to very fine sand observed in sample.	
							15				
4	4	4			1.7		20	CL		Stiff, dry to damp, dark reddish brown, silty Clay to Clay. Some very fine sand observed in sample.	
							25				
							30				
5	4	4			1.5		35	CL		Stiff, dry to damp, dark reddish brown, silty Clay to Clay.	
							40				
6	4	4			0		45	CL		Stiff, dry to damp, dark reddish brown, silty Clay to Clay.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-12

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-13

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779029.835 Feet**
EASTING: **750839.569 Feet**
DATE STARTED: **April 26, 2010**
DATE COMPLETED: **April 26, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	0			0		0			No recovery	
2	4	4			0		5	CL		Firm, dry to damp, dark brown to dark reddish brown, yellowish brown mottled, very fine sandy to silty Clay. Some medium to fine, angular to sub angular, sand observed in sample.	
3	4	4			24		10	CL		Firm, damp, dark brown to dark reddish brown, pale yellowish brown mottled, very fine sandy to silty Clay. Few medium to fine, angular to sub angular, sand observed at 8 ft bgs.	
							15				
4	4	2.25			0		20	CL		Stiff, damp, reddish brown, very fine sandy to silty Clay.	
							25				
							30				
5	4	4			0		35	CL		Firm, damp, light brown, pale orange brown and black mottled, medium to fine sandy Clay.	
							40				
6	4	4			0		45	CL		Firm, damp, pale orange brown, dark reddish brown mottled, medium to fine sandy to silty Clay.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-13

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-14

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779168.32 Feet**
EASTING: **750910.164 Feet**
DATE STARTED: **April 26, 2010**
DATE COMPLETED: **April 26, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			1.9			CL		Firm, dry to damp, dark reddish brown to brown, pale greenish orange mottled, very fine sandy to silty clay to Clay	
2	4	4			0.8		5	CL		Firm, dry to damp, reddish brown to light reddish brown, pale orange brown to pale yellowish orange mottled, silty clay to Clay.	
3	4	4			0.4		10	CL		Stiff to very stiff, dry to damp, reddish brown to light reddish brown, pale orange brown to black mottled, silty clay to Clay.	
							15				
4	4	4			0		20	CL		Stiff to very stiff, dry to damp, reddish brown to light reddish brown, pale orange brown to black mottled, silty clay to Clay.	
							25 30				
5	4	4			0		35	CL		Stiff, dry to damp, reddish brown to light yellowish orange mottled, silty clay to Clay.	
							40				
6	4	4			0		45	CL		Soft to very soft, damp to wet, reddish brown, silty clay to Clay. Few very fine sand observed in sample.	
							50 55				
7	4	4			0		60	CL		Stiff, damp to wet, dark reddish brown to pale greenish brown, medium to fine sandy Clay. Abundant small angular to sub angular, mafic, rock fragments observed in sample.	

NOTES: **Location: CC Label**

CDM
1225 Ponce de Leon Ave.
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LOG OF BORING CCSB-14

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-15

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779117.853 Feet**
EASTING: **750899.95 Feet**
DATE STARTED: **April 27, 2010**
DATE COMPLETED: **April 27, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Firm, dry to damp, reddish brown, silty clay to Clay. Few pale yellowish brown, angular to sub angular, medium to fine sand grains observed in sample.	
2	4	4			0		5	CL		Very stiff, dry to damp, reddish brown, silty clay to Clay. Few pale yellowish brown, angular to sub angular, medium to fine sand grains observed in sample.	
3	4	3.5			0		10	CL		Stiff, damp to moist, dark reddish brown to red, pale yellowish orange to black mottled Clay, some silt.	
							15				
4	4	3.5			0		20	CL		Stiff, dry to damp, dark reddish brown, pale yellowish orange to pale yellow mottled silty Clay to Clay.	
							25				
							30				
5	4	4			0		35	CL		Stiff, dry to damp, dark reddish brown, pale yellowish orange and black mottled Clay.	
							40				
6	4	4			0		45	CL		Soft, dry to damp, reddish brown to red, pale yellowish brown and black mottled Clay.	
							50				
							55				
7	4	4			0		60	CL		Soft to firm, damp to wet, reddish brown to red, pale yellowish brown and black mottled Clay.	

NOTES: **Location: CC Label**

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San Juan, PR 00907
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LOG OF BORING CCSB-15

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			0		70	CL		Stiff, damp to moist, greenish brown to dark gray, pale gray to pale grayish brown mottled, coarse to fine sandy Clay.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-15

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-16

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779075.195 Feet**
EASTING: **750889.135 Feet**
DATE STARTED: **April 27, 2010**
DATE COMPLETED: **April 27, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	2.5			0		0	CL		Very stiff to hard, dry to damp, dark reddish brown to reddish brown Clay. Few very fine sand observed in sample.	
2	4	4			100		5	CL		Very stiff, damp, dark reddish brown Clay. Some silt observed in sample.	
3	4	4			3.4		10	CL		Stiff, damp, dark reddish brown to brown, pale yellowish orange to pale yellow mottled Clay, some very fine sand observed in sample.	
							15				
4	4	4			36.4		20	CL		Stiff, dry to damp, dark reddish brown, pale yellowish orange to pale yellow mottled Clay. Few medium to very fine sand grains observed in sample.	
							25				
							30				
5	4	4			9		35	CL		Very stiff, damp, dark reddish brown, pale yellowish orange and black mottled Clay. Some coarse to fine sand observed in sample.	
							40				
6	4	4			7		45	CL		Very stiff, damp, dark reddish brown, pale yellowish orange and black mottled, fine to very fine sandy clay to Clay.	
							50				
							55				
7	4	4			8		60	CL		Stiff, damp, dark to light yellowish brown, pale yellowish brown yellowish orange Clay. Some silt observed in sample.	

NOTES: **Location: CC Label**

CDM
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LOG OF BORING CCSB-16

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			0		70	CL		Stiff, damp, light brown to pale yellowish brown, medium to fine sandy Clay. Some silt observed in sample.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-16

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-17

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779048.761 Feet**
EASTING: **750879.823 Feet**
DATE STARTED: **April 28, 2010**
DATE COMPLETED: **April 28, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	4			0		0	CL		Stiff, dry to damp, reddish brown to dark brown, medium to fine sandy Clay. Some angular to sub angular, coarse to medium sand grains observed in sample.	
2	4	4			0		5	CL		Stiff, damp, dark reddish brown, very fine sandy to silty Clay.	
3	4	3.5			0		10	CL		Stiff, damp, dark reddish brown, very fine sandy to silty Clay.	
							15				
4	4	4			0		20	CL		Firm, damp, reddish brown, pale yellowish orange to pale yellowish brown mottled very fine sandy to silty Clay.	
							25				
							30				
5	4	3.5			0		35	CL		Firm, damp, reddish brown to brown, pale yellowish orange to brown and black mottled fine sandy clay to Clay.	
							40				
6	4	3			0		45	CL		Soft, damp, dark reddish brown to brown, pale yellowish orange to pale yellow mottled very fine sandy to silty Clay.	
							50				
							55				
7	4	4			0		60	CL		Firm, damp, reddish brown to brown, very fine sandy clay to Clay.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-17

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	3.6			0		70	CL		Firm, damp, dark reddish brown to brown, grayish brown mottled very fine sandy clay to Clay.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-17

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. CCSB-18

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779018.669 Feet**
EASTING: **750859.89 Feet**
DATE STARTED: **April 28, 2010**
DATE COMPLETED: **April 28, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	3			0		0	CL		Dry to damp, dark reddish brown to brown, fine to very fine sandy clay to clay. Stiff to very stiff	
2	4	4			0		5	CL		Dry to damp, dark brown to dark greenish gray, medium to fine sandy clay, abundant angular to sub angular mafic rock fragments with fine grain texture. Stiff to very stiff.	
3	4	4			0		10	CL		Dry to damp, dark reddish brown to dark greenish gray, change in color between 10' and 12', very fine sandy to silty Clay. Stiff to very stiff.	
							15				
4	4	4			0		20	CL		Dry to damp, dark greenish gray to dark reddish brown, very fine sandy to silty Clay. Stiff to very stiff.	
							25				
							30				
5	4	1.6			0		35	CL		Dry to damp, reddish brown to dark reddish brown, pale yellowish brown mottle, very fine sand to silty Clay. Stiff to very stiff.	
							40				
6	4	4			0		45	CL		Dark brown to dark reddish brown with pale yellowish orange mottle, silty Clay, few medium to fine sand observed, some angular to sub angular rock fragments with dark brown color and fine grain texture. Stiff to very stiff.	
							50				
							55				
7	4	4			0		60	CL		Damp dark brown to dark reddish brown, medium to fine sandy Clay, medium soft to stiff.	

NOTES: **Location: CC Label**

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LOG OF BORING CCSB-18

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			0		70	CL		Dark brown to dark reddish brown, medium to fine sandy Clay to Clay. Medium soft to stiff.	

NOTES: **Location: CC Label**

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Fax: 787-722-6607

LOG OF BORING CCSB-18

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. DJSB-01

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778451.1 Feet**
EASTING: **750989.113 Feet**
DATE STARTED: **May 13, 2010**
DATE COMPLETED: **May 13, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ _____ ▼ _____ ▼ _____
DATE: _____ _____ _____
TIME: _____ _____ _____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0	CL		Hard, dry, brown, very fine sandy Clay to Clay.	
							5	CL		Hard, dry, yellowish brown, silty Clay to Clay.	
							10	CL		Hard, dry, yellowish brown, black mottled, fine to very fine sandy Silt.	

NOTES: **Location: DJ Manufacturing**

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LOG OF BORING DJSB-01

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. DJSB-02

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778524.204 Feet**
EASTING: **751154.311 Feet**
DATE STARTED: **May 14, 2010**
DATE COMPLETED: **May 14, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Stiff, dry, pale brown to pale yellowish brown, very fine sandy Clay.	
2	4	4			0		5	CL		Stiff, damp, pale brown to pale yellowish brown, very fine sandy to silty Clay.	
3	4	4			0		10	CL		Stiff, damp, yellowish brown to dark brown, medium to fine sandy Clay.	
							15				
4	4	4			0		20	CL		Stiff, damp, yellowish brown to dark brown, medium to fine sandy Clay.	
							25				
							30				
							35				
5	4	4			0			CL		Hard, damp, dark brown to dark greenish brown, black mottled very fine sandy to silty Clay.	
							40				

NOTES: **Location: DJ Manufacturing**

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LOG OF BORING DJSB-02

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

R2-0006012

LOG OF BORING NO. DJSB-03

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778668.515 Feet**
EASTING: **751204.631 Feet**
DATE STARTED: **May 14, 2010**
DATE COMPLETED: **May 17, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Very stiff to hard, dry, dark reddish brown to brown, pale greenish brown to black mottled, very fine sandy to silty Clay.	
2	4	4			0.8		5	CL		Very stiff to hard, dry, dark brown to brown, very fine sandy to silty Clay.	
3	4	4			0.6		10	CL		Very stiff to hard, dry, dark brown to dark greenish brown, very fine sandy to silty Clay.	
							15				
4	4	2			0		20	CL		Hard, damp, brown to light brown, black, white to yellowish white mottled, medium to fine sandy to silty Clay.	
							25				
							30				
5	4	3			0		35	CL		Hard, moist, brown to light brown Clay, some silt in sample. Abundant dark brown to black lineations observed.	
6	4	3			0		40	CL		Hard, dry, light brown to brown, pale yellowish brown to white mottled Clay, some silt in sample.	

NOTES: **Location: DJ Manufacturing**

CDM
1225 Ponce de Leon Ave.
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San Juan, PR 00907
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LOG OF BORING DJSB-03

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. DJSB-04

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778704.593 Feet**
EASTING: **751013.799 Feet**
DATE STARTED: **May 18, 2010**
DATE COMPLETED: **May 18, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Firm, dry, dark brown to brown Clay, some very fine sand and silt at 1.5 ft. bgs, observed in sample.	
2	4	4			0		5	CL		Very stiff, dry, dark brown Clay.	
3	4	4			0		10	CL		Hard, damp, dark brown, very fine sandy to silty Clay.	
							15				
4	4	4			0		20	CL		Very stiff to hard, damp, dark brown, very fine sandy to silty Clay.	
							25				
5	4	2			0		30	CL		Very stiff, damp, dark brown to brown, very fine sandy to clayey Silt. Abundant lineations or faults with dark brown to black stains observed along sample. Evidence of mineral deposits, non reactive in presence of HCl were associated with these lineations.	

NOTES: **Location: DJ Manufacturing**

CDM
1225 Ponce de Leon Ave.
VIG Tower Suite 603
San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

LOG OF BORING DJSB-04

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. DJSB-05

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778496.671 Feet**
EASTING: **750870.435 Feet**
DATE STARTED: **May 18, 2010**
DATE COMPLETED: **May 19, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	4			0		0	CL		Very stiff, dry, dark brown to brown, pale yellowish to orange brown mottled, very fine sandy to silty Clay.	
2	4	4			0.4		5	CL		Firm, dry, dark brown to brown, medium to fine sandy Clay. Some coarse sand grains observed at 6 ft bgs.	
3	4	4			0.4		10	CL		Very stiff, dry, light brown to pale orange brown, medium to fine sandy to clayey Silt.	
							15				
4	4	2			0		20	CL		Highly Weathered Rock, (saprolite) described as: Hard, dry, brown to reddish brown, pale yellowish brown to black mottled, coarse to fine sandy to clayey Silt.	
							25				
							30				
5	4	3.5			0		35	CL		Highly Weathered Rock (saprolite) described as: Hard, dry, dark brown to light reddish brown, dull white and black mottled, coarse to fine sandy Silt, some clay observed in sample. Few angular to very angular, fine grain, mafic rock fragments encountered.	
6	4	3.5			0		40	CL		Hard, dry, brown to dark brown, very fine sandy to silty Clay. Some lineations or faults along sample, presenting white to dull white color stains with evidence of mineral deposits, non reactive in presence of HCl observed.	

NOTES: **Location: DJ Manufacturing**

CDM
1225 Ponce de Leon Ave.
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San Juan, PR 00907
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Fax: 787-722-6607

LOG OF BORING DJSB-05

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

R2-0006015

LOG OF BORING NO. ENSB-01

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778883.208 Feet**
EASTING: **751047.777 Feet**
DATE STARTED: **May 20, 2010**
DATE COMPLETED: **May 24, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Firm, dry, reddish brown to orange brown, yellowish brown to black mottled Clay, some silt observed in sample.	
2	4	4			0		5	CL		Firm, dry, reddish brown to orange brown, white and black mottled Clay, some silt observed in sample.	
3	4	4			0		10	CL		Firm, dry, reddish brown to orange brown, white and black mottled Clay, some silt observed in sample.	
							15				
4	4	4			0		20	CL		Firm, dry, reddish brown to yellowish orange, white and black mottled Clay, some silt observed in sample.	
							25 30				
5	4	4			0		35	CL		Firm, dry, reddish brown to yellowish orange, white and black mottled Clay, some fine to very fine sand and silt observed in sample.	

NOTES: **Location: ENCO Paints**

CDM
1225 Ponce de Leon Ave.
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San Juan, PR 00907
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Fax: 787-722-6607

LOG OF BORING ENSB-01

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. ENSB-02

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778889.266 Feet**
EASTING: **751188.821 Feet**
DATE STARTED: **May 24, 2010**
DATE COMPLETED: **May 24, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	3			0		0	CL		Hard, dry, reddish brown to orange brown Clay, some silt observed in sample.	
2	4	4			0.3		5	CL		Hard, dry, reddish brown to orange brown, white to pale yellowish brown mottled Clay, some silt observed in sample.	
3	4	4			0		10	CL		Firm, dry, reddish brown to yellowish orange, white and black mottled Clay, some silt observed in sample.	
							15				
4	4	3			0		20	CL		Stiff, damp, reddish brown to yellowish orange, white and black mottled Clay, some silt observed in sample.	
							25				
							30				
5	4	4			0		35	CL		Stiff, damp, reddish brown to yellowish orange, white and black mottled Clay, traces of silt observed in sample.	
							40				
6	4	3			0		45	CL		Stiff, damp, reddish brown to yellowish orange, white and black mottled Clay, traces of silt observed in sample. Some lineations along sample, presenting white to dull white color stains with evidence of mineral deposits, non reactive in presence of HCl observed at 46 ft bgs.	
							50				
							55				
7	4	4			0		60	CL		Hard, damp, light brown to yellowish orange Clay. Some highly weathered rock fragments (saprolite) described as: angular to very angular, fine grain, mafic rock fragments that fall apart under	

NOTES: **Location: ENCO Paints**

CDM
1225 Ponce de Leon Ave.
VIG Tower Suite 603
San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

LOG OF BORING ENSB-02

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
										finger pressure encountered.	

NOTES: **Location: ENCO Paints**

1225 Ponce de Leon Ave.
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LOG OF BORING ENSB-02

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. ENSB-03

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778980.479 Feet**
EASTING: **751281.674 Feet**
DATE STARTED: **May 25, 2010**
DATE COMPLETED: **May 25, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Hard, dry, reddish brown to brown, very fine sandy to silty Clay.	
2	4	4			0		5	CL		Hard, dry, dark reddish brown to brown, pale orange brown to pale yellowish white mottled, very fine sandy Clay to Clay.	
3	4	4			0		10	CL		Hard, dry, dark reddish brown to brown, very fine sandy to silty Clay.	
							15				
4	4	2			0		20	CL		Firm, damp, dark reddish brown to brown, pale orange brown to black , very fine sandy Clay to Clay.	
							25				
							30				
5	4	4			0		35	CL		Firm, damp, dark reddish brown to brown, pale orange brown to black, very fine sandy Clay to Clay.	
							40				
6	4	4			0		45	CL		Firm, damp, reddish brown to pale brown, white to black mottled, very fine sandy Clay to Clay.	
							50				
							55				
7	4	4			0		60	CL		Hard, damp, pale greenish gray to reddish brown, black and white mottled very fine sandy Clay to Clay.	

NOTES: **Location: ENCO Paints**

CDM
1225 Ponce de Leon Ave.
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LOG OF BORING ENSB-03

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. ENSB-04

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779061.609 Feet**
EASTING: **751127.752 Feet**
DATE STARTED: **May 25, 2010**
DATE COMPLETED: **May 25, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	1.5			0		0	CL		Stiff, damp, reddish brown Clay, some silt.	
2	4	2.5			0		5	CL		Stiff, dry, brown Clay, traces of organic matter.	
3	4	0.66			0		10	CL		Stiff, dry, reddish brown to orange brown Clay.	

NOTES: **Location: ENCO Paints**

CDM
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LOG OF BORING ENSB-04

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. ENSB-05

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778992.087 Feet**
EASTING: **751090.835 Feet**
DATE STARTED: **May 26, 2010**
DATE COMPLETED: **May 26, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	0.66			0		0	CL		Stiff, damp, reddish brown to orange brown, black mottled Clay, some silt.	
2	4	2.5			0.3		5	CL		Stiff, damp, reddish brown, black mottled Clay, some silt.	
3	4	3			0		10	CL		Stiff, dry, dark brown to gray, sandy Clay, some silt observed in sample. Traces of organic matter. Some lineations along sample with dark brown to black stains.	

NOTES: **Location: ENCO Paints**

CDM
1225 Ponce de Leon Ave.
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San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

LOG OF BORING ENSB-05

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. ESSB-15

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779610.865 Feet**
EASTING: **750463.572 Feet**
DATE STARTED: **May 28, 2010**
DATE COMPLETED: **May 28, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ _____ ▼ _____ ▼ _____
DATE: _____ _____ _____
TIME: _____ _____ _____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	0.5			0		0	CL		Stiff, damp, reddish brown to brown Clay, some very fine gravel and silt observed in sample.	
2	4	4			0		5	CL		Stiff, damp, yellowish brown to reddish brown Clay, black mottled Clay, some silt observed in sample.	
3	4	4			0		10	CL		Stiff to very stiff, damp, yellowish brown to reddish brown Clay, black mottled Clay.	
							15				
4	4	4			0		20	CL		Stiff, damp, reddish brown to yellowish brown, black mottled Clay, some silt observed in sample.	
							25				
							30				
5	4	0			0		35	CL		No recovery	
							40				
6	4	4			0		45	CL			
							50				
							55				
7	4	4			200		60	CL		Stiff, damp, yellowish brown to reddish brown, black and white mottled Clay, some fine to very fine sand and silt observed in sample.	

NOTES: **Location: Esso**

CDM
1225 Ponce de Leon Ave.
VIG Tower Suite 603
San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

LOG OF BORING ESSB-15

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. ESSB-16

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779604.636 Feet**
EASTING: **750483.875 Feet**
DATE STARTED: **May 28, 2010**
DATE COMPLETED: **May 28, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	0			0		0	CL		No recovery, only few pieces of dark brown to black gravel from sampling instrument.	
2	4	0			0		5	CL		No recovery, only few pieces of dark brown to black gravel from sampling instrument.	
3	4	4			160		10	CL		Hard, damp, yellowish brown to reddish brown, black and gray mottled Clay, some silt. Detected a hydrocarbon-like odor from sample.	
							15				
4	4	4			45		20	CL		Hard, damp, yellowish brown to reddish brown, black , white and gray mottled Clay, some fine to very fine sand and silt observed. Abundant dark brown to black lineations observed in sample.	
							25				
							30				
5	4	4			45		35	CL		Hard, damp, yellowish brown to brown, black, white and gray mottled Clay, some silt observed in sample.	
							40				
6	4	4			6.3		45	CL		Hard, damp, yellowish brown to reddish brown, black, white and gray mottled Clay, some fine to very fine sand and silt observed. Abundant dark brown to black lineations observed in sample.	
							50				
							55				
7	4	4			30		60	CL		Hard, damp, yellowish brown to light brown Clay, some fine to very fine sand and silt observed. Abundant dark brown to black lineations observed in sample.	

NOTES: **Location: Esso**

CDM
1225 Ponce de Leon Ave.
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San Juan, PR 00907
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Fax: 787-722-6607

LOG OF BORING ESSB-16

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-05

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779986.076 Feet**
EASTING: **750757.961 Feet**
DATE STARTED: **June 3, 2010**
DATE COMPLETED: **June 3, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	4			13		0	CL		Stiff, dry, reddish brown to light reddish Clay, some very fine sand and silt observed in sample.	
2	4	4			75		5	CL		Hard, dry, dark reddish brown Clay. Some dark brown to black lineations observed in sample.	
3	4	4			138		10	CL		Stiff to very stiff, dry, dark reddish brown, pale gray to pale orange brown Clay. Some dark brown to black lineations in sample and evidence of what appears to be white mineral deposits, observed.	
							15				
4	4	2.5			250		20	CL		Stiff, dry, reddish brown Clay. Some dark brown to black lineations in sample and evidence of white mineral deposits, observed.	
							25				
							30				
5	4	1.5			45		35	CL		Very stiff, damp, reddish brown Clay. Some dark brown to black lineations in sample and white mineral deposits.	
							40				
6	4	3			10.5		45	CL		Stiff, damp, dark reddish brown, yellowish red to gray mottled Clay. Abundant vertical and horizontal lineations observed in sample with black stains.	
							50				
							55				
7	4	4			0		60	CL		Hard, damp, yellowish brown, pale gray to black mottled Clay, some silt in sample. Abundant vertical and horizontal lineations observed in sample showing black stains.	

NOTES: **Location: International Dry Cleaners**

CDM
1225 Ponce de Leon Ave.
VIG Tower Suite 603
San Juan, PR 00907
Telephone: 787-722-4000
Fax: 787-722-6607

LOG OF BORING IDCSB-05

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-06

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779984.275 Feet**
EASTING: **750764.944 Feet**
DATE STARTED: **June 3, 2010**
DATE COMPLETED: **June 3, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			28.5			CL		Stiff, dry, reddish brown Clay, some silt observed in sample.	
2	4	4			20.5		5	CL		Very stiff, dry, reddish brown Clay, some silt observed in sample.	
3	4	4			85		10	CL		Very stiff, damp, reddish brown Clay, some silt observed in sample.	
							15				
4	4	4			257		20	CL		Stiff, dry, reddish brown, gray to white mottled Clay. Some dark brown to black lineations in sample and white mineral deposits.	
							25				
							30				
5	4	4			100		35	CL		Stiff, damp, dark reddish brown, gray white and black mottled Clay, some silt. Few dark brown to black lineations in sample and white mineral deposits.	
							40				
6	4	4			8		45	CL		Stiff, damp, dark reddish brown, gray white and black mottled Clay, some silt.	
							50				
							55				
7	4	3.66			0		60	CL		Stiff, damp, yellowish brown Clay, some silt in sample. Abundant vertical and horizontal lineations observed in sample with black stains.	

NOTES: **Location: International Dry Cleaners**

CDM
1225 Ponce de Leon Ave.
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San Juan, PR 00907
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Fax: 787-722-6607

LOG OF BORING IDCSB-06

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-07

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779993.059 Feet**
EASTING: **750769.001 Feet**
DATE STARTED: **June 4, 2010**
DATE COMPLETED: **June 4, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	0.5			20			CL		Hard, dry, reddish brown Clay.	
2	4	4			6		5	CL		Hard, dry, reddish brown Clay, some silt.	
3	4	4			27		10	CL		Stiff, damp, dark reddish brown, gray and white mottled Clay. Few dark brown to black lineations in sample and white mineral deposits.	
							15				
4	4	3			45		20	CL		Stiff, damp, dark reddish brown, gray, black and white mottled Clay. Few dark brown to black lineations in sample and what appears to be white mineral deposits.	
							25				
							30				
5	4	4			30		35	CL		Stiff, damp, dark reddish brown, gray, black and white mottled Clay. Few dark brown to black lineations in sample and what appears to be white mineral deposits.	
							40				
6	4	4			33		45	CL		Stiff, damp, dark reddish brown Clay, some silt. Some dark brown to black lineations in sample and what appears to be white mineral deposits.	

NOTES: **Location: International Dry Cleaners**

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LOG OF BORING IDCSB-07

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-08

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779988.778 Feet**
EASTING: **750748.274 Feet**
DATE STARTED: **June 7, 2010**
DATE COMPLETED: **June 7, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	4			16.5		0	CL		Very stiff, damp, reddish brown to dark brown Clay, some silt observed in sample. Abundant dark brown to black lineations observed in sample.	
2	4	4			269		5	CL		Hard, dry, dark reddish brown to dark brown, gray to dark gray mottled Clay, some silt observed in sample. Abundant pale gray lineations observed in sample.	
3	4	4			160		10	CL		Hard, dry, dark reddish brown to dark orange brown, gray to dark gray mottled Clay. Abundant pale gray horizontal lineations observed in sample.	
							15				
4	4	4			191		20	CL		Hard, dry, dark reddish brown to purple brown, gray to dull white mottled Clay. Abundant pale gray horizontal lineations observed in sample. Strong plastic- like odor from sample.	
							25				
							30				
5	4	3			105		35	CL		Hard, dry, dark reddish brown to dark brown, pale yellowish white to white mottled Clay. Some black horizontal lineations observed in sample.	
							40				
6	4	3			6.9		45	CL		Firm, moist, dark reddish brown to dark brown, dark gray to black mottled Clay, some very fine sand observed at 46 ft bgs. Abundant vertical and horizontal lineations observed in sample presenting black stains.	
							50				
							55				
7	4	4			0		60	CL		Hard, damp, dark greenish gray to dark greenish brown , pale gray mottled Clay, some silt in sample.	

NOTES: **Location: International Dry Cleaners**

CDM
1225 Ponce de Leon Ave.
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LOG OF BORING IDCSB-08

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-09

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779997.116 Feet**
EASTING: **750753.454 Feet**
DATE STARTED: **June 7, 2010**
DATE COMPLETED: **June 7, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	2			116		0	CL		Very stiff to hard, dry, dark reddish brown to dark brown, medium to fine sandy Clay.	
2	4	4			92.1		5	CL		Very stiff to hard, dry, dark reddish brown to dark brown, white to black mottled Clay, some silt in sample.	
3	4	4			66		10	CL		Hard, dry, dark reddish brown to dark brown, white to black mottled Clay, some silt in sample.	
							15				
4	4	3			5		20	CL		Stiff, damp, dark reddish brown to purple brown in banded pattern, pale gray to pale reddish brown mottled Clay. Strong plastic -like odor noticed during sample handling.	
							25				
							30				
5	4	4			60		35	CL		Hard, dry, dark reddish brown to dark brown, pale gray to pale reddish brown mottled Clay, some silt observed in sample.	
							40				
6	4	4			6.1		45	CL		Firm, damp, reddish brown to brown, white to pale orange brown mottled Clay, some silt. Abundant dark brown to black lineations observed in sample.	

NOTES: **Location: International Dry Cleaners**

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San Juan, PR 00907
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LOG OF BORING IDCSB-09

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-10

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779977.895 Feet**
EASTING: **750762.471 Feet**
DATE STARTED: **June 8, 2010**
DATE COMPLETED: **June 8, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	2	0.66			150			CL		Stiff, damp to moist, dark brown to black, coarse to fine sandy to clayey Silt. Strong diesel- like odor from sample.	
2	2	1.66			1580			CL		Soft, damp to moist, dark brown to black, dark gray to pale gray mottled, coarse to fine sandy Clay, some silt in sample. Strong gasoline - like odor from sample.	
3	2	2			357		5	CL		Soft, moist to wet, dark brown to black, coarse to fine sandy Clay. Some fine grain, angular, mafic rock fragments observed in sample. Strong solvent -like odor from sample.	

NOTES: **Location: International Dry Cleaners**

CDM
1225 Ponce de Leon Ave.
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LOG OF BORING IDCSB-10

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-11

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779977.219 Feet**
EASTING: **750769.228 Feet**
DATE STARTED: **June 8, 2010**
DATE COMPLETED: **June 8, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	2	0.66			51.7			CL		Firm, dry to damp, brown to pale brown, medium to fine sandy Clay. Abundant angular to sub angular, fine grain, mafic rock fragments in sample.	
2	2	1.66			185			CL			
3	2	2			385		5	CL		Soft, damp to moist, dark brown to brown, black mottled, Clay, some very fine sand in sample. Light solvent-like odor from sample.	
										Firm, dry to damp, dark reddish brown to pale gray, light gray to white mottled Clay. Some very fine sand in sample. Light hydrocarbon-like odor from sample.	

NOTES: **Location: International Dry Cleaners**

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LOG OF BORING IDCSB-11

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-12

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779983.078 Feet**
EASTING: **750774.41 Feet**
DATE STARTED: **June 8, 2010**
DATE COMPLETED: **June 8, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE: ____ ____ ____
TIME: ____ ____ ____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	2	1.16			2.7			CL		Firm, damp, dark brown to reddish brown, coarse to fine sandy Clay.	
2	2	2			30			CL		Firm, damp, dark brown to reddish brown, medium to fine sandy Clay.	

NOTES: **Location: International Dry Cleaners**

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LOG OF BORING IDCSB-12

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-13

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779979.246 Feet**
EASTING: **750758.866 Feet**
DATE STARTED: **June 8, 2010**
DATE COMPLETED: **June 8, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	2	1.5			250			CL		Firm, moist, dark brown to black, coarse to fine sandy Clay to Clay.	
2	2	2			909			CL		Firm, moist, dark brown to black, pale gray mottled Clay. Strong hydrocarbon-like odor from sample.	
3	2	2			491		5	CL		Firm, damp, dark brown to brown Clay, some silt observed in sample.	

NOTES: **Location: International Dry Cleaners**

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LOG OF BORING IDCSB-13

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. IDCSB-14

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779980.375 Feet**
EASTING: **750754.585 Feet**
DATE STARTED: **June 8, 2010**
DATE COMPLETED: **June 8, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	2	1			103			CL		Firm, damp, dark brown to black, coarse to fine sandy Silt, some clay in sample.	
2	2	1			1770			CL		Firm, damp, dark brown Clay, some very fine sand observed. Strong solvent-like odor from sample.	

NOTES: **Location: International Dry Cleaners**

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LOG OF BORING IDCSB-14

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-11

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779030.192 Feet**
EASTING: **750933.033 Feet**
DATE STARTED: **April 29, 2010**
DATE COMPLETED: **April 29, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE: TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	1.5			75		0	CL		Firm, dry, dark greenish gray to brown, medium to fine sandy Clay to Clay. Some dark brown to black, angular to very angular, fine grain, well indurated rock fragments observed in sample.	
2	4	4			0		5	CL		Stiff to very stiff, dry, dark greenish gray to dark reddish brown, some brown to pale orange yellow mottled, fine sandy to silty Clay.	
3	4	4			200		10	CL		Stiff to hard, dry, dark reddish brown to brown, very fine sandy to silty Clay. Some dark brown to black, angular to very angular, fine grain, well indurated, rock fragments observed in sample.	
							15				
4	4	0			0		20	CL		No recovery	
							25				
							30				
5	4	4			281		35	CL		Stiff to hard, dry, dark reddish brown to brown, black and pale yellowish brown mottled, very fine sandy to silty Clay.	
							40				
6	4	4			40		45	CL		Stiff, damp, dark reddish brown to brown, pale yellowish brown to black mottled fine to very fine sandy to silty Clay.	
							50				
							55				
7	4	4			20		60	CL		Very stiff, dry, brown to dark brown, pale yellowish brown mottled, medium to fine sandy to silty Clay.	

NOTES: **Location: Ramallo**

CDM
1225 Ponce de Leon Ave.
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LOG OF BORING RMSB-11

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			0		70	CL		Firm, damp, dark greenish brown to brown, some black mottled, medium to fine sandy to silty Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-11

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-12

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779023.084 Feet**
EASTING: **751058.808 Feet**
DATE STARTED: **April 30, 2010**
DATE COMPLETED: **April 30, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	1.5			70		0	CL		Stiff, dry, dark brown to dark reddish brown, pale yellowish brown mottled, very fine sandy to silty Clay.	
2	4	4			0		5	CL		Stiff to very stiff, dry, dark reddish brown to dark brown, pale yellowish brown to black mottled Clay, some silt observed in sample.	
3	4	4			0		10	CL		Firm, damp, dark reddish brown to dark brown Clay, some silt observed in sample.	
							15				
4	4	3.5			40		20	CL		Stiff to very stiff, damp, brown to reddish brown, pale yellowish brown mottled Clay, some silt observed in sample.	
							25				
							30				
5	4	4			107		35	CL		Firm, dry, dark reddish brown to brown, pale yellowish brown mottled, very fine sandy to silty Clay.	
							40				
6	4	4			40		45	CL		Stiff to very stiff, damp, brown to light brown, reddish brown and black mottled Clay, some silt observed in sample.	
							50				
							55				
7	4	4			50		60	CL		Stiff to very stiff, damp, brown to light brown, pale yellowish brown and black mottled Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-12

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	0			0		70			No recovery	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-12

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-13

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779037.73 Feet**
EASTING: **751089.9 Feet**
DATE STARTED: **April 30, 2010**
DATE COMPLETED: **May 12, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ _____ ▼ _____ ▼ _____
DATE: _____ _____ _____
TIME: _____ _____ _____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Firm, dry, dark greenish gray to gray, medium to fine sandy Clay. Some coarse to fine sand observed in sample	
2	4	4			17		5	CL		Stiff to very stiff, dry to damp, dark reddish brown to brown, Clay, some silt observed in sample.	
3	4	4			20		10	CL		Stiff to very stiff, damp, dark reddish brown, some pale yellowish orange mottled Clay.	
							15				
4	4	4			10.2		20	CL		Stiff to very stiff, dry, reddish brown to brown Clay.	
							25 30				
5	4	4			6.1		35	CL		Stiff to very stiff, damp, reddish brown, pale yellowish orange to pale orange brown mottled Clay, some silt observed in sample.	
							40				
6	4	4			0		45	CL		Stiff to firm, damp, dark reddish brown to brown, pale yellowish brown mottled Clay, some silt observed in sample.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-13

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-14

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779066.749 Feet**
EASTING: **750999.428 Feet**
DATE STARTED: **May 6, 2010**
DATE COMPLETED: **May 6, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			200			CL		Firm, damp, dark reddish brown to dark grayish brown mottled, medium to fine sandy Clay.	
2	4	4			1362		5	CL		Firm, damp, dark reddish brown to dark greenish brown, dark greenish gray mottled, medium to fine sandy Clay. Some angular to sub angular, fine grain, mafic rock fragments observed in sample.	
3	4	4			400		10	CL		Firm, damp, dark reddish brown to dark brown, medium to fine sandy Clay.	
							15				
4	4	4			0		20	CL		Firm, damp, dark reddish brown to dark brown, pale yellowish brown to black mottled, silty clay to Clay. Some very fine sand observed in sample	
							25				
							30				
5	4	4			0		35	CL		Firm, damp, dark reddish brown to brown, pale yellowish brown to black mottled, Clay. Some very fine sand observed in sample	
							40				
6	4	4			250		45	CL		Firm, damp, dark brown to brown, very fine sandy to silty Clay.	
							50				
							55				
7	4	4			200		60	CL		Very stiff, damp, brown to light yellowish brown, pale yellowish brown and black mottled very fine sandy to Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-14

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			53		70	CL		Very stiff to hard, damp, brown to light yellowish brown, pale yellowish brown and black mottled very fine sandy Clay to Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-14

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-15

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779050.778 Feet**
EASTING: **750989.919 Feet**
DATE STARTED: **May 6, 2010**
DATE COMPLETED: **May 6, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE: TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	4			2075		0	CL		Hard, dry, dark reddish brown to brown, pale yellowish brown to pale brown mottled, coarse to fine sandy Clay. Some angular to very angular, dark brown to black, fine grain rock fragments.	
2	4	4			190		5	CL		Very stiff to Hard, dry, dark reddish brown to pale yellowish brown Clay. Some silt observed in sample, few angular to very angular, dark to light gray, white mottled, fine grain rock fragments present in sample.	
3	4	4			0		10	CL		Very stiff to hard, damp, dark reddish brown to brown Clay. Some silt observed in sample. Few very angular, reddish brown to pale yellowish brown, fine grain rock fragments present in sample.	
							15				
4	4	0			0		20			No recovery	
							25				
							30				
5	4	4			0		35	CL		Stiff to hard, damp, reddish brown to brown, light reddish brown to black mottled Clay. Some evidence of mineralization observed at 32 ft bgs, as small, dull white to pale orange white crystals present in sample	
							40				
6	4	4			25		45	CL		Firm, damp, dark brown to pale yellowish brown, dull white to pale yellowish brown mottled, very fine sandy to silty Clay.	
							50				
							55				
7	4	3			15		60	CL		Firm, damp, dark brown to pale yellowish brown, dull white to pale yellowish brown and black mottled, coarse to fine very fine sandy Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-15

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			32.9		70	CL		Firm, damp, light yellowish brown to dark brown, dull white to pale yellowish brown, medium to fine sandy Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-15

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-16

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779068.596 Feet**
EASTING: **751120.543 Feet**
DATE STARTED: **May 7, 2010**
DATE COMPLETED: **May 7, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE: ____ ____ ____
TIME: ____ ____ ____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Very stiff to hard, dry, reddish brown to pale yellowish orange, orange brown to black mottled very fine sandy Clay. Some coarse sand observed in sample.	
2	4	4			0		5	CL		Very stiff to hard, dry, dark reddish brown to dark brown, pale yellowish brown mottled Clay, few very fine sand observed in sample.	
3	4	4			0		10	CL		Hard, dry, dark reddish brown to brown, medium to fine sandy Clay to Clay.	
							15				
4	4	4			0		20	CL		Hard, dry, dark reddish brown to brown, pale yellowish brown to black mottled Clay, some silt. Few medium sand grains observed in sample.	
							25 30				
5	4	4			0		35	CL		Stiff, damp, reddish brown to pale yellowish brown, pale orange brown mottled Clay. Some very fine sand observed in sample.	
							40				
6	4	4			24		45	CL		Stiff, damp, reddish brown to pale greenish brown, silty clay to Clay.	
							50 55				
7	4	4			0		60	CL		Hard, damp, reddish brown to grayish brown, pale yellowish brown to dull white mottled Clay, some silt observed in sample.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-16

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			0		70	CL		Hard, damp, reddish brown to brown Clay, some silt observed in sample.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-16

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-17

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779069.957 Feet**
EASTING: **751084.747 Feet**
DATE STARTED: **May 7, 2010**
DATE COMPLETED: **May 10, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ _____ ▼ _____ ▼ _____
DATE: _____ _____ _____
TIME: _____ _____ _____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			310			CL		Hard, dry, reddish brown to dark brown, pale yellowish brown mottled silty Clay.	
2	4	4			120		5	CL		Hard, dry, reddish brown to dark brown, some pale yellowish brown mottled, very fine sandy Clay to Clay.	
3	4	4			0		10	CL		Very stiff to Hard, dry, reddish brown to brown, some pale yellowish brown mottled Clay.	
							15				
4	4	4			0		20	CL		Firm, damp, reddish brown to brown, pale yellowish brown to black mottled Clay, some silt.	
							25				
							30				
5	4	4			0		35	CL		Firm, damp, dark reddish brown to dark orange brown, pale orange brown to black mottled Clay, some silt.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-17

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-18

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779001.681 Feet**
EASTING: **751077.961 Feet**
DATE STARTED: **May 10, 2010**
DATE COMPLETED: **May 10, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	4			30		0	CL		Very stiff to hard, dry, dark brown to dark reddish brown, black mottled Clay to silty Clay. Some medium to coarse sand observed in sample.	
2	4	4			400		5	CL		Very stiff to hard, damp, reddish brown to brown, dark greenish brown to greenish gray mottled Clay. Strong decomposed organic matter odor from sample.	
3	4	4			425		10	CL		Very stiff to hard, damp, dark brown to dark greenish gray, silty clay to Clay, some medium to fine sand. Strong decomposed organic matter odor from sample.	
							15				
4	4	3			165		20	CL		Very stiff, damp, dark reddish brown to reddish brown, pale yellowish brown to greenish gray mottled fine sandy to silty Clay. Strong decomposed organic matter odor from sample.	
							25				
							30				
5	4	4			135		35	CL		Stiff, damp to moist, reddish brown to dark reddish brown, pale orange brown to black mottled, very fine sandy to silty Clay. Strong decomposed organic matter odor from sample at 36 ft bgs.	
							40				
6	4	4			105		45	CL		Firm, damp to moist, dark reddish brown to pale yellowish brown Clay, some very fine sand observed in sample. Strong decomposed organic matter odor from sample.	
							50				
							55				
7	4	4			30		60	CL		Firm, damp, pale greenish brown, pale yellowish brown to dull white mottled Clay, some silt observed in sample .	

NOTES: **Location: Ramallo**

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1225 Ponce de Leon Ave.
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LOG OF BORING RMSB-18

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			30		70	CL		Firm, damp, pale greenish brown to brown, pale yellowish brown to yellowish white mottled Clay. Some silt observed in sample.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-18

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-19

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779051.696 Feet**
EASTING: **751081.788 Feet**
DATE STARTED: **May 11, 2010**
DATE COMPLETED: **May 11, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	0			0		0			No recovery	
2	4	4			98		5	CL		Very stiff to hard, dry, reddish brown to pale yellowish brown, pale yellowish white mottled silty clay to Clay.	
3	4	4			0		10	CL		Hard, dry, reddish brown to dark reddish brown Clay, some silt and few very fine sand grains observed in sample.	
							15				
4	4	2			72		20	CL		Stiff, damp, reddish brown to dark reddish brown, pale yellowish white to pale orange brown mottled Clay, some silt observed in sample.	
							25				
							30				
5	4	4			0		35	CL		Stiff, damp, dark reddish brown to reddish brown, pale yellowish white to pale orange brown mottled Clay, some silt observed in sample.	
							40				
6	4	4			0		45	CL		Firm, damp, dark orange brown to brown, pale yellowish white to pale orange brown mottled silty Clay, some very fine sand observed in sample.	
							50				
							55				
7	4	4			0		60	CL		Firm, damp, dark reddish brown to reddish brown, pale yellowish white mottled Clay, some silt observed in sample.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-19

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-20

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779055.528 Feet**
EASTING: **751112.431 Feet**
DATE STARTED: **May 11, 2010**
DATE COMPLETED: **May 11, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **H.Chacon**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	0			90		0	CL		Very stiff, dry, dark reddish brown to brown, medium to fine sandy Clay.	
2	4	4			0		5	CL		Very stiff, dry, dark reddish brown to brown, pale yellowish brown to pale reddish brown mottled medium to fine sandy Clay.	
3	4	4			112		10	CL		Stiff, dry, reddish brown to brown, pale orange brown mottled Clay, some silt observed in sample.	
							15				
4	4	2.5			54		20	CL		Very stiff, dry, reddish brown to brown, pale orange brown to pale yellowish brown mottled Clay, some silt observed in sample.	
							25				
							30				
5	4	0.5			11		35	CL		Firm, damp, dark to pale greenish brown, pale yellowish white to white mottled Clay, some silt observed in sample.	
							40				
6	4	4			32		45	CL		Firm, damp, dark to pale greenish brown, pale yellowish white to white mottled Clay.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-20

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-21

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **778904.676 Feet**
EASTING: **751030.006 Feet**
DATE STARTED: **June 2, 2010**
DATE COMPLETED: **June 2, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE: ____ ____ ____
TIME: ____ ____ ____
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	4			0			CL		Very stiff, dry, reddish to orange brown, yellowish brown mottled silty Clay. Some medium to fine sand observed in sample.	
2	4	4			0		5	CL		Very stiff, dry, reddish to orange brown, yellowish brown mottled fine to very fine sandy Clay.	
3	4	4			0		10	CL		Very stiff, dry, reddish to orange brown, yellowish brown mottled very fine sandy Clay, some silt observed in sample.	
							15				
4	4	4			0		20	CL		Very stiff, dry, dark reddish brown to reddish brown, pale yellowish brown to black mottled Clay. Abundant dark brown to black lineations with evidence of white mineral deposits, non reactive in presence of HCl, observed in sample.	
							25				
							30				
5	4	4			0		35	CL		Very stiff, dry, dark reddish brown to reddish brown, pale yellowish brown to black mottled Clay. Abundant dark brown to black lineations with evidence of white mineral deposits, observed in sample.	
							40				
6	4	4			0		45	CL		Stiff, damp, dark reddish brown to reddish brown, pale yellowish brown to black mottled Clay with some silt. Abundant dark brown to black lineations with evidence of white mineral deposits, observed in sample.	
							50				
							55				
7	4	4			0		60	CL		Stiff, damp, yellowish, black and white mottled Clay, some fine to very fine sand and silt observed in sample .	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-21

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**

GROUND SURFACE ELEVATION:
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							60				
							65				
8	4	4			0		70	CL		Soft, damp, reddish brown to yellowish brown, black mottled Clay. Abundant dark brown to black lineations with evidence of white mineral deposits, observed in sample.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-21

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-22

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779034.043 Feet**
EASTING: **751050.765 Feet**
DATE STARTED: **June 2, 2010**
DATE COMPLETED: **June 2, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

This log is part of the report prepared for the named project and should be read together with that report for complete interpretation. This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presentated is a simplification of actual conditions encountered.

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
1	4	3			33		0	CL		Stiff, damp, yellowish brown, pale brown mottled Clay, some silt observed in sample.	
2	4	4			45		5	CL		Stiff, damp, yellowish brown, black, gray and white mottled Clay, some fine to very fine sand observed in sample.	
3	4	4			38		10	CL		Stiff, damp, yellowish brown, black, gray and white mottled Clay, some silt observed in sample.	
							15				
4	4	3			90		20	CL		Stiff, damp, dark orange brown, pale yellowish brown mottled, Clay some very fine sand and silt in sample.	
							25				
							30				
5	4	3			85		35	CL		Stiff, damp, dark orange brown, pale yellowish brown mottled Clay some very fine sand and silt in sample. Abundant dark brown to black lineations with evidence of white mineral deposits, observed in sample.	
							40				
6	4	3			100		45	CL		Stiff, damp, yellowish brown to dark brown Clay some silt in sample. Abundant dark brown to black lineations observed in sample.	
							50				
							55				
7	4	2			23.5		60	CL		Stiff, damp, yellowish brown to dark brown Clay, some silt in sample. Abundant dark brown to black lineations observed in sample.	

NOTES: **Location: Ramallo**

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1225 Ponce de Leon Ave.
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LOG OF BORING RMSB-22

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

LOG OF BORING NO. RMSB-23

PROJECT: **Cidra Groundwater Contamination Site**
PROJECT NO: **3320.004**
PROJECT LOCATION: **Cidra, Puerto Rico**
NORTHING: **779021.132 Feet**
EASTING: **751043.31 Feet**
DATE STARTED: **June 2, 2010**
DATE COMPLETED: **June 2, 2010**
DRILLING CONTRACTOR: **JFA**
DRILLER: **E. Maldonado**
DRILLING METHOD: **DPT**
SAMPLING METHOD: **Macrocore**

WATER LEVEL: ▽ ▼ ▼
DATE:
TIME:
COORDINATE SYSTEM: **PR/USVI State Plane**
HORIZONTAL DATUM: **NAD 83**
GROUND SURFACE ELEVATION (Feet):
VERTICAL DATUM:
WEATHER: **Sunny**
LOGGED BY: **J.Reyes**
CHECKED BY: **M. Valentino**
BACKGROUND OVA (PPM):

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SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	BLOW COUNTS	RQD	PID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION	REMARKS
							0				
1	4	3			0.6			CL		Stiff, damp, yellowish brown, pale brown mottled Clay, some very fine sand and silt observed in sample.	
2	4	3.6			12.6		5	CL		Stiff, damp, yellowish brown, black and white mottled Clay, some fine to very fine sand observed in sample.	
3	4	3			21		10	CL		Stiff, damp, yellowish brown to brown, black, gray and white mottled Clay, some silt sample.	
							15				
4	4	3.5			300		20	CL		Stiff, damp, dark orange brown, yellowish brown mottled Clay some very fine sand in sample. Note: soil boring refusal at 31 ft bgs.	

NOTES: **Location: Ramallo**

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LOG OF BORING RMSB-23

LOG A EWNL02 LOG OF BORING - CIDRA CIDRA_4.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 4/4/11 REV.

Appendix B

Low-flow Groundwater Sampling Logs

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-1

DATE: 7/26/10

WELL #: SMW-1

TIME: 12:30

DEPTH OF PUMP: Bailer 55 ft bgs

WEATHER CONDITIONS: 85°F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:30		42.3	150.00 ft 500 mL		6.10	0.631	31.1	0.59	27.99	116.9
12:33					6.10	0.631	30.2	0.58	27.93	115.0
12:36					6.09	0.631	25.0	0.60	27.98	112.7
12:39					6.09	0.629	23.7	0.61	27.99	110.5
12:42					6.09	0.629	22.0	0.62	28.19	108.2
12:45		42.0			6.09	0.630	21.6	0.62	28.22	106.6
12:48					6.09	0.629	20.5	0.62	28.19	106.1
12:50					6.07	0.624	15.0	0.65	28.29	105.5
12:53					6.05	0.615	13.4	0.70	28.31	107.5
12:56					6.04	0.609	12.2	0.73	28.41	107.7
12:59					6.03	0.608	11.2	0.74	28.55	107.3
13:05					6.02	0.608	9.98	0.75	28.51	107.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-1

DATE: 7/26/10

TIME: 13:10

WEATHER CONDITIONS: 85°F

WELL #: SMW-1

DEPTH OF PUMP: Bimbo

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:10			150.00 ft 500 mL		6.01	0.604	8.48	0.77	28.57	111.1
13:15					6.01	0.601	7.90	0.78	28.40	113.5
13:20					6.01	0.599	6.10	0.79	28.40	113.2
13:25					6.00	0.597	4.49	0.78	28.41	114.0
13:30					6.00	0.594	2.19	0.79	28.38	114.2
13:33					6.00	0.593	1.85	0.79	28.36	114.5
13:36					6.00	0.592	1.1	0.80	28.35	114.6
13:45	collecting		[illegible]							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-2-S2

DATE: 7/27/10 WELL #: SMW-2-S2

TIME: 12:00 DEPTH OF PUMP: Geotech 102 ft

WEATHER CONDITIONS: 88°F SAMPLERS: Peter Sandor

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:00		48.9	300 ml 168.954	setting flow rate						
12:20		48.20	300		5.77	1.418	over	2.09	27.93	187.4
12:23		47.92	300		5.77	1.422	"	2.06	27.80	188.1
12:26		47.92	300		5.78	1.412	"	2.05	27.80	190.0
12:29			300		5.81	1.428	"	2.04	27.79	157.0
12:32	Heavy	Shower	300		5.82	1.431	Over	2.02	27.80	150.9
12:35			300		5.83	1.448	800	2.00	27.87	151.2
12:38			300		5.84	1.451	762	2.01	27.89	151.9
12:42			300		5.84	1.451	734	2.00	27.96	151.2
12:45			300		5.85	1.455	718	2.00	28.11	154.7
12:48			300		5.84	1.462	674	2.00	28.20	156.8
12:51		47.92	300		5.86	1.459	642	2.01	28.14	159.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-2-S2

DATE: 7/27/10

WELL #: SMW-2-S2

TIME: 12:55

DEPTH OF PUMP: Bomba (102 ft bgs)

WEATHER CONDITIONS: 89°F

SAMPLERS: Peter Lane SFC

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:55	47.92		300		5.86	1.454	633	2.00	28.10	162.5
12:58	"		300		5.86	1.451	578	2.03	28.22	164.5
13:02	"		300		5.86	1.447	525	2.05	28.17	165.8
13:05	"		300		5.85	1.442	340	2.07	28.06	166.0
13:10	47.92		300		5.83	1.446	220	2.13	28.20	172.4
13:15	47.92		300		5.83	1.445	222	2.10	28.20	166.6
13:20	47.92		300		5.84	.446	222	2.12	28.25	166.7
1330	collecting		sample							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

3) 143.00/300ml/min

(1)

(-) 55 Hz.
500 x2 = 1000 ml/min

2) 144.90 Hz
500 ml/min

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW3 (E550.)

DATE: 7/26/10

WELL #: SMW3-52

TIME: 87°F, Cloudy Hot Humid (10:50)

DEPTH OF PUMP: 74' bgs

WEATHER CONDITIONS:

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:50		36.1	1lt/min		6.07	0.698	1.25	0.11	26.66	-18.8
11:00		37.25	800lt/min		6.07	0.692	1.20	0.10	26.70	-13.7
11:05		"	700lt/min		6.07	0.694	1.10	0.09	26.73	-9.3
11:10		"	700lt/min		6.07	0.697	1.11	0.05	26.81	-6.1
11:18			500 ml/min		6.07	0.678	1.09	-0.02	26.87	0.0
11:20		36.75	300 ml/min		6.08	0.679	1.09	-0.02	26.92	0.7
11:22		"	"		6.10	0.680	1.09	-0.04	26.91	3.8
11:24		"	"		6.10	0.681	1.09	-0.04	26.96	8.7
11:29		"	"		6.09	0.677	1.08	0.04	27.10	16.5
11:33		"	"		6.09	0.675	1.08	0.04	27.11	16.7
11:35		"	"		6.09	0.673	1.09	0.05	27.12	16.99
11:37		"	"		6.09	0.670	1.08	0.08	27.13	17.00

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: abundant micro bubbles observed in element C chamber during purging for sampling

REV 5/01

cont.

143.20 / 300ml/min

(2)

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW3 (F550)

DATE: 7/26/10

WELL #: SMW3-52

TIME: 10:50

DEPTH OF PUMP: 74' bls

WEATHER CONDITIONS: 87 F, Cloudy Humid.

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:40		36.75	300ml/min		6.07	0.659	1.09	0.20	27.19	11.6
11:45		"	"		6.07	0.659	1.08	0.21	27.18	11.7
11:48		"	"		6.07	0.658	1.08	0.20	27.20	10.9
11:50		"	"		6.07	0.658	1.08	0.19	27.22	10.5
11:55		"	"		6.07	0.659	1.07	0.20	27.22	10.4
12:00		"	"		6.07	0.658	1.08	0.21	27.20	10.4
Ready for sampling										
sample SMW3-2 @ 12:00					Note:	samples	Rx	with	HCL	in VOAs

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

R2-0006060

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW ~~MPW~~-5

DATE: 7/26/10

TIME: 10:20

WEATHER CONDITIONS: 79 °F cloudy

WELL #: SMW ~~MPW~~-5-S2

DEPTH OF PUMP: Bombe 57' bgs

SAMPLERS: Pedro Yanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:20		37.84 37.66	179.70 H 500 mL		5.31	0.256	0.69	1.64	28.85	146.1
10:23		37.67			5.31	0.258	0.68	1.34	29.06	158.1
10:26		37.66			5.31	0.259	0.0	1.31	29.07	159.5
10:29		37.67	500 mL		5.32	0.259	0.0	1.22	29.09	161.9
10:31		"			5.32	0.261	0.0	1.21	29.11	162.1
10:34		"			5.32	0.261	0.0	1.20	29.10	161.8
10:37		"			5.32	0.261	0.0	1.19	29.12	162.2
10:42		37.75	350 mL		5.32	0.261	0.0	1.18	29.15	162.7
10:47		"			5.33	0.264	0.0	1.13	29.22	165.6
10:52		"			5.34	0.267	0.0	1.05	29.11	169.9
10:57		"			5.36	0.272	0.0	1.03	29.13	175.1
11:00		"	350 mL		5.37	0.277	0.0	1.02	29.18	176.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW ~~MPW~~-5

DATE: 7/26/10

WELL #: SMW ~~MPW~~-5-S2

TIME: 11:05

DEPTH OF PUMP: Bailer 57' bgs

WEATHER CONDITIONS: 79°F cloudy

SAMPLERS: Adam Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:05		37.78	350ml		5.39	0.280	0.0	1.00	29.25	176.4
11:10					5.40	0.286	0.0	0.98	29.50	176.4
11:15					5.41	0.289	0.0	0.97	29.32	177.0
11:20					5.42	0.291	0.0	0.96	29.24	177.5
11:30	collecting	sample.								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

GW = 38.16 TOC
152 Hz

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: CC Lake

DATE: 7/27/10

WELL #: SMW-S-52

TIME: 12:17

DEPTH OF PUMP: 90' bgs

WEATHER CONDITIONS: 90°F Sunny

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:33		41.20	300 ml/min		10.4	0.342	0.78	0.16	27.93	87.7
13:36		"	"		10.4	0.345	0.80	0.16	27.93	87.3
13:39		"	"		10.4	0.350	0.85	0.15	27.93	88.0
13:40		"	"		10.4	0.363	0.87	0.14	27.92	89.0
13:43		"	"		10.4	0.389	0.90	0.13	27.90	89.5
13:45		"	"		10.4	0.389	0.89	0.14	27.88	90.5
13:50		"	"		10.4	0.389	0.88	0.13	27.88	90.7
13:55		"	"		10.4	0.385	0.88	0.13	27.85	90.6
14:00	Ready for Sampling				10.4	0.388	0.85	0.13	27.88	90.5

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

GW. 40.wftbgs
152.39Hz

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: OC Label

DATE: 7/27/10
TIME: 12:17
WEATHER CONDITIONS: 90°F, Sunny

WELL #: CC Label
DEPTH OF PUMP: SMW-9-52 (90' bgs)
SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:17	Set up	Sub. pump								
12:50		41.20	300ml/min		10.92	0.410	1.9	0.26	28.04	55.5
13:00		"	"		11.04	0.410	1.85	0.20	28.13	57.7
13:05		"	"		10.4	0.411	1.52	0.15	28.15	67.6
13:10		"	"		10.4	0.410	1.09	0.16	28.14	67.8
13:13		"	"		10.4	0.416	1.08	0.12	28.16	72.0
13:15		"	"		10.4	0.409	1.07	0.12	28.15	74.0
13:18		"	"		10.4	0.404	0.98	0.12	28.10	76.1
13:21		"	"		10.8	0.400	0.97	0.11	28.06	78.2
13:23		"	"		10.74	0.383	0.97	0.12	28.01	78.0
13:25		"	"		10.73	0.381	0.99	0.13	28.01	78.1
13:30		"	"		10.72	0.382	0.98	0.12	28.01	78.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

R2-0006064

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Ramayo

DATE: 7/29/10 WELL #: SMW-10

TIME: 8.45 DEPTH OF PUMP: 70.6

WEATHER CONDITIONS: 87°F, Sunny SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9.36		40.2	400 ml/min		12.48	2.036	20	0.10	28.03	87.9
9.39		"	"		12.45	1.962	1.4	0.10	28.05	88.4
9.42		"	"		12.43	1.932	1.4	0.08	28.10	89.1
9.45		"	"		12.37	1.845	1.4	0.07	28.12	90.3
9.48		"	"		12.36	1.793	0.00	0.06	28.15	91.3
9.51		"	"		12.31	1.689	0.00	0.07	28.13	91.2
9.54		"	"		12.34	1.673	0.00	0.06	28.30	95.9
9.57		"	"		12.20	1.570	0.00	0.05	28.30	95.6
10.00		"	"		11.77	1.103	0.00	0.04	28.35	105.7
10.05		"	"		11.78	1.089	0.00	0.05	28.35	105.8
10.10		"	"		11.71	1.068	0.00	0.05	28.35	106.1
10.15		"	"		11.69	1.072	0.00	0.07	28.35	106.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis. 10:15 ready for sampling

REV 5/01

GW = 39.70 TOC
prior to sampling

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Ramayo

DATE: 7/29/10 WELL #: SMW-10

TIME: 8:45 DEPTH OF PUMP: 70' bgs

WEATHER CONDITIONS: 87 °F, Sunny SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:45	set up pump									
9:00		40.1	400 ml/min		12.91	4.364	34	1.31	27.25	41.4
9:06		"	"		12.99	3.982	34	0.69	27.30	42.3
9:09		"	"		13.00	4.233	34	0.56	27.30	45.2
9:12		"	"		12.99	4.053	29	0.41	27.33	47.8
9:15		"	"		12.94	3.704	24	0.28	27.45	56.6
9:18		40.2	"		12.82	3.079	9.6	0.19	27.71	67.8
9:21		"	"		12.76	2.801	9.5	0.17	27.74	71.5
9:24		"	"		12.69	2.592	6.3	0.14	27.89	76.4
9:27		"	"		12.64	2.489	4.2	0.12	27.97	80.2
9:30		"	"		12.68	2.255	2.0	0.11	28.00	82.0
9:33		"	"		12.53	2.143	2.0	0.11	28.05	85.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

183 Hz

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-12-S2 "Luis Muñoz Marín School" (2)

DATE: 7/20/10

WELL #: SMW-12

TIME: 12:00

DEPTH OF PUMP: Bentec (85' bgs)

WEATHER CONDITIONS: 85°F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:00		44.80	Setting Flow Rate							
12:13		45.00	500 ml/min		11.31	1.153	>limit	-0.05	27.24	17.09
12:15		"	"		11.19	1.095	>limit	0.03	27.22	23.09
12:20		"	"		10.59	0.891	"	0.02	27.25	48.8
12:24		"	"		10.54	0.887	"	0.02	27.24	49.1
12:27		"	"		10.51	0.886	"	0.03	27.23	46.1
12:30		"	"		10.51	0.887	"	0.03	27.24	40.09
10:34		"	"		10.50	0.881	"	0.02	27.22	50.09
10:35		"	"		10.49	0.837	"	0.02	27.21	46.8
10:38		"	"		10.30	0.837	"	0.02	27.20	55.8
10:40		"	"		9.90	0.78	"	0.02	27.19	54.8
10:43		"	"		9.92	0.775	"	0.02	27.18	54.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

163 Atz

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-12-S2 - "Luis Montez Marin School." (2)

DATE: 7/28/10

WELL #: SMW-12-

TIME: 12:00

DEPTH OF PUMP: (85 bgs)

WEATHER CONDITIONS: 85°F, Cloudy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:45		45.00	500 ml/min		9.86	0.762	>limit	-0.01	27.19	57.5
12:49		"	"		9.82	0.755	18	-0.01	27.19	57.5
12:53		"	"		9.80	0.750	14	-0.02	27.18	58.0
12:55		"	"		9.77	0.746	11	-0.02	27.18	58.7
12:58		"	"		9.76	0.744	10	-0.02	27.20	58.6
13:00		"	"		9.68	0.734	8.5	-0.02	27.24	59.8
13:03		"	"		9.67	0.734	3.8	-0.02	27.22	60.8
13:05		"	"		9.48	0.719	1.98	-0.02	27.24	61.2
13:08		"	"		9.19	0.702	1.87	-0.03	27.23	64.1
13:12		"	"		9.20	0.704	1.86	-0.03	27.26	64.7
13:15		"	"		9.06	0.700	1.78	-0.06	27.28	68.9
13:18		"	"		8.84	0.689	1.79	-0.07	27.26	69.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

163 Hz

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: SMW-12-52 "Lewis Junior Mount School"

③

DATE: 7/28/10 WELL #: SMW-12

TIME: 12:00 DEPTH OF PUMP: 85' Abgs

WEATHER CONDITIONS: 85°F, Cloudy SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:21		45 ft	500 ml/m		8.80	0.688	1.80	-0.06	27.26	70.2
13:24		"	"		8.67	0.684	1.79	-0.08	27.25	74.8
13:27		"	"		8.48	0.679	1.70	-0.10	25.27	68.4
13:29		"	"		8.47	0.679	1.72	-0.15	27.28	70.1
13:31		"	"		8.43	0.678	1.76	-0.12	27.29	70.2
13:34		"	"		8.45	0.681	1.79	-0.11	27.29	66.4
13:37		"	"		8.12	0.640	1.80	-0.07	27.24	73.4
13:39		"	"		8.11	0.645	1.87	-0.08	27.25	70.0
13:42		"	"		8.12	0.644	1.85	-0.08	27.25	69.7
13:45		"	"	"	8.11	0.645	1.84	-0.08	27.24	69.5
ready for sampling (13:45)										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

80

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Foam

DATE: 7/20/10

WELL #: MPW 1- P1

TIME: 10:30

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 87°F

SAMPLERS: Pedro Shelley, H. Sim.

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:27	First Purge				6.58	0.587	0.0	0.50	24.52	113.1
10:31					6.54	0.586	17.3	0.48	24.39	109.7
10:35					6.75	0.584	0.0	0.44	24.47	109.1
waiting for recharge										
11:05					7.30	0.589	0.0	0.44	24.47	132.9
11:08					6.40	0.592	0.0	0.58	24.36	127.1
11:11					6.32	0.591	0.0	0.58	24.42	83.7
11:14					6.29	0.591	0.0	0.57	24.47	40.1
11:17					6.30	0.592	1.01	0.56	24.60	27.4
11:20					6.30	0.592	1.00	0.55	24.67	17.5
	waiting for recharge									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

60

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Foam

DATE: 7/20/10

TIME: 12:50

WEATHER CONDITIONS: 85°F

WELL #: MPW 1 P1

DEPTH OF PUMP: nitrogen

SAMPLERS: Pedro Tancher

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:52					6.58	0.595	0.99	0.38	24.59	2.9
12:55					6.33	0.594	0.98	0.54	24.57	16.6
12:58					6.27	0.594	0.97	0.55	24.56	23.1
13:02					6.25	0.593	0.99	0.55	24.65	26.0
13:05					6.23	0.594	0.98	0.58	24.68	32.4
13:10		ready to sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

80

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Foam

DATE: 7/20/10

WELL #: MPW 1- P-2

TIME: 10:30

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 87°F

SAMPLERS: Pedro Lanester

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:26	First Purge				6.59	0.613	7.83	0.79	24.40	109.2 RS
10:31					6.59	0.610	0.0	0.96	24.31	119.6
10:36					6.77	0.611	0.0	0.88	24.34	126.8
waiting for recharge										
11:05					6.94	0.618	0.0	0.88	24.34	164.4
11:08					6.60	0.627	0.0	1.20	24.32	170.0
11:11					6.54	0.629	0.0	1.21	24.34	171.7
11:14					6.51	0.638	0.0	1.17	24.53	173.2
11:17					6.51	0.632	1.0	1.15	24.50	173.8
11:20					6.56	0.633	1.74	1.12	24.58	174.5
waiting for recharge										

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

60

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Foam

DATE: 7/20/10

WELL #: MPW 1 – P2

TIME:

DEPTH OF PUMP:

WEATHER CONDITIONS: 85°F

SAMPLERS: Peter Nitrogen / [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:52					6.62	0.620	0.97	0.94	24.54	187.9
12:55					6.50	0.618	0.98	1.09	24.51	191.4
12:58					6.46	0.616	0.97	1.11	24.52	193.1
13:02					6.43	0.616	0.97	1.18	24.62	194.8
13:05					6.40	0.616	0.98	1.08	24.68	194.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

* 80 PSI

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Team.

DATE: 7/20/10

WELL #: MPW1-P3

TIME: 10:30

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 87°F, Cloudy, rainy

SAMPLERS: Th.

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:31	(First Purge)	*			6.56	0.745	0.00	0.49	23.63	-39.3
10:35					6.92	0.740	0.00	0.40	23.66	-13.6
10:40					7.10	0.74	0.00	0.33	23.66	5.7
Waiting for recharge			10:43,							
11:05	(Second Purge)		60 PSI		7.41	0.733	0.00	0.30	23.66	30.9
11:10			"		6.76	0.736	0.00	0.27	23.75	21.2
11:15					6.76	0.740	0.00	0.27	23.65	17.0
11:20					6.76	0.741	0.98	0.25	23.58	13.2
Waiting for recharge (11:26)										
12:50		60 PSI			7.01	0.737	0.98	0.31	25.90	21.2
13:00					6.74	0.727	0.97	0.37	23.90	26.6
13:05					6.72	0.728	0.97	0.37	23.93	26.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Ready for sampling 13:06

REV 5/01

80 psi

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shellfoam

DATE: 2/20/10

WELL #: MPW-P4

TIME: 10:30

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 85 °F, Cloudy hazy

SAMPLERS: HCy

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:31					7.46	0.752	0.49	0.74	24.31	138.1
10:35					7.49	0.752	0.00	0.70	24.39	127.3
10:40					7.90	0.740	0.00	0.71	24.38	121.3
11:05	(second purge)		60 PSI		7.63	0.735	0.00	0.79	24.88	125.5
11:10					7.55	0.743	0.00	0.91	24.70	122.9
11:15					7.54	0.742	0.98	0.93	24.56	123.3
11:20					7.53	0.743	0.98	0.95	24.74	123.0
waiting to recharge										
12:50	60 PSI				7.55	0.737	0.99	0.78	24.48	112.9
13:00					7.57	0.730	0.98	0.76	24.69	111.2
13:05					7.57	0.740	0.98	0.76	24.71	111.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

ready to sample 13:06

REV 5/01

80

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Foam

DATE: 7/20/10

WELL #: MPW 1- P5

TIME: 14:10

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 85°F

SAMPLERS: Pedro Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:12	(First purge)				6.78	0.711	1.04	1.18	24.66	189.4
14:18					6.52	0.713	0.98	0.93	24.32	178.2
14:21					6.51	0.712	1.01	0.90	24.35	178.0
14:24					6.63	0.715	0.98	0.82	24.41	177.0
14:27					6.80	0.714	0.99	0.70	24.47	176.1
	(second purge)									
15:06					6.78	0.710	0.99	0.75	24.29	185.0
15:10					6.67	0.703	0.98	0.82	24.27	187.7
15:13					6.64	0.701	0.97	0.84	24.32	189.2
15:16					6.63	0.701	0.99	0.83	24.36	189.9
15:21	waiting for recharge									
15:28					6.62	0.705	0.98	0.82	24.64	192.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Foam

DATE: 7/21/10

WELL #: MPW1- PS

TIME: 15:32

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 85°F

SAMPLERS: Peter Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
15:32					6.61	0.701	0.98	0.86	24.16	194.9
15:36					6.61	0.701	0.99	0.87	24.20	194.7
16:30	Ready	for	sample							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

80 PSI

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Farm.

DATE: 7/20/10 WELL #: MPW1-P6

TIME: 14:12 DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 85°F, Cloudy rainy SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:12	(First Purge)		80 PSI		6.80	0.805	0.98	0.54	23.62	-31.2
14:20					6.90	0.785	0.98	0.35	23.70	-37.0
14:25					6.93	0.785	0.99	0.32	23.73	-35.0
14:30					7.10	0.785	1.00	0.30	23.77	-27.0
14:32	Waiting for recharge									
15:10	Second purge				7.07	0.794	0.98	1.20	23.64	63.3
15:15			80 PSI		6.97	0.801	0.98	0.63	23.59	49.7
15:20			"		6.88	0.802	0.98	0.43	23.67	39.9
15:21	Waiting for recharge									
15:32	Third purge (80 PSI)				6.93	0.803	0.98	0.44	23.62	41.7
15:35					6.97	0.786	0.98	0.39	23.50	37.9
15:40					6.86	0.784	0.98	0.37	23.52	36.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

80 psi

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Shell Exxon

DATE: 4/20/10

WELL #: MPW1 – PC

TIME: 14:12

DEPTH OF PUMP: Unknown

WEATHER CONDITIONS: 85 F, Cloudy, Hazy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
15:45			80 PSI		6.86	0.783	0.58	0.35	23.57	35.5
15:50			"		6.97	0.793	0.58	0.36	23.55	35.4
	Ready for sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 2

DATE: 7/22/10

WELL #: Pot 1

TIME: 8:30

DEPTH OF PUMP: [illegible]

WEATHER CONDITIONS: 89°F, Cloudy Hazy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:50	First Purge		80PSI							
9:34	Second Purge		80PSI		6.73	0.517	1.84	0.40	24.18	-23.4
9:40					6.38	0.520	1.82	0.73	24.17	1.2
9:43					6.35	0.520	1.82	0.72	24.18	5.8
9:45					6.32	0.522	0.60	0.70	24.18	19.2
9:47					6.27	0.524	0.43	0.69	24.18	20.1
9:50					6.25	0.523	0.48	0.67	24.17	20.0
9:55	Waiting for recharge									
10:10	Third Purge		80PSI		6.59	0.573	0.47	0.27	24.20	61.9
10:13					6.41	0.571	0.47	0.30	24.20	63.2
10:16					6.37	0.571	0.48	0.32	24.21	64.4
10:19					6.34	0.571	0.48	0.33	24.22	65.0

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW2

DATE: 7/22/10 WELL #: Part 1

TIME: 8.50 DEPTH OF PUMP: [illegible]

WEATHER CONDITIONS: 89 °F, Cloudy Hazy SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:28			20PSI		6.32	0.571	0.48	0.31	24.24	66.1
	Ready	for	Sampling							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW2

DATE: 7/22/10 WELL #: P2

TIME: 8:50 DEPTH OF PUMP: Witzel

WEATHER CONDITIONS: 85 °F, Cloudy Rainy SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:50	First Purge		80 PSI							
9:34	Second purge		80 PSI		6.71	0.571	1.89	0.33	24.19	23.4
9:40					6.41	0.572	1.80	0.40	24.20	36.0
9:43					6.38	0.571	1.70	0.40	24.21	39.1
9:45					6.36	0.572	0.50	0.41	24.21	40.0
9:47					6.34	0.571	0.41	0.41	24.21	43.1
9:50					6.34	0.571	0.42	0.41	24.20	43.2
10:10	Third purge		80 PSI							
10:13					6.43	0.517	0.42	0.63	24.17	45.8
10:16					6.33	0.516	0.43	0.64	24.18	50.2
10:19					6.28	0.515	0.41	0.64	24.19	53.8
10:23					6.24	0.515	0.42	0.63	24.20	57.2

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW2

DATE: 7/22/10

WELL #: Point 2

TIME: 8:50

DEPTH OF PUMP: Without

WEATHER CONDITIONS: 85°F, Cloudy Rainy

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:27					6.22	0.515	0.42	0.63	24.21	60.3
10:30	Waiting for Recharge			80 PSI						
10:35	Ready for Sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW2

DATE: 7/22/10

TIME: 8:50

WEATHER CONDITIONS: 89 °F, Cloudy rainy

WELL #: Port 3

DEPTH OF PUMP: vitrogen

SAMPLERS: Pedro Yancsel

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:50	First purge			80 psi						
9:34	second purge			80 psi	7.44	0.576	0.20	0.33	24.21	82.2
9:40					6.92	0.579	0.21	0.13	24.19	83.1
9:43					6.87	0.589	0.18	0.10	24.20	83.0
9:46					6.84	0.580	0.19	0.09	24.19	82.9
9:49					6.82	0.580	0.18	0.08	24.20	83.0
9:52					6.81	0.580	0.19	0.08	24.20	83.0
9:55					6.81	0.580	0.18	0.07	24.20	83.1
9:56	waiting for recharge						0.18			
10:10	third purge				7.58	0.578	0.18	0.19	24.22	91.1
10:13					7.03	0.577	0.20	0.19	24.19	94.6
10:16					6.93	0.576	0.19	0.18	24.19	94.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 2

DATE: 7/22/16

WELL #: Port 3

TIME: 10:19

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 89 °F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:19					6.88	0.577	0.19	0.19	24.21	94.9
10:22					6.84	0.577	0.18	0.14	24.22	95.0
10:35	Ready for sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 2

DATE: 7/22/10

WELL #: Port 4

TIME: 8:50

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 89°F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:57	First purge			80 psi						
9:34	Second purge			50 psi	6.95	0.555	0.96	0.54	23.50	89.5
9:40					6.63	0.554	0.97	0.74	23.50	91.3
9:43					6.61	0.554	0.97	0.74	23.50	91.6
9:46					6.60	0.554	0.98	0.73	23.50	92.0
9:49					6.59	0.555	0.98	0.72	23.51	92.1
9:52					6.58	0.555	0.98	0.73	23.51	92.4
9:55					6.57	0.554	0.97	0.73	23.50	92.9
9:56	waiting for recharge						0.99			
10:10	third purge				7.05	0.554	0.97	0.28	23.52	93.3
10:13					6.71	0.553	0.99	0.40	23.49	95.3
10:14					6.64	0.553	0.99	0.43	23.51	95.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 2

DATE: 7/22/10

WELL #: Port 4

TIME: 10:19

DEPTH OF PUMP: w/ tygon

WEATHER CONDITIONS: 89°F

SAMPLERS: Peter Parker

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:19					6.59	0.553	0.98	0.43	23.52	96.5
10:22					6.58	0.554	0.98	0.46	23.54	97.1
10:35		Ready	for	sample						

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW3

DATE: 7/22/10

TIME: 12:14

WEATHER CONDITIONS: 89 °F, Cloudy Rain

WELL #: P1

DEPTH OF PUMP: Dithogen

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:14	First Purge		80 PSI							
12:25	Waiting for recharge									
13:00	Second Purge		80 PSI		7.11	0.658	0.93	0.06	23.67	106.5
13:10					7.05	0.659	0.92	0.06	23.69	106.6
13:15					7.03	0662	0.83	0.05	23.71	106.9
13:17					7.01	0.663	0.81	0.05	23.71	107.3
13:18					7.00	0.664	0.82	0.06	23.75	107.2
13:20					7.00	0.665	0.81	0.05	23.75	107.4
13:25	Waiting for recharge									
13:50	Third purge		80 PSI		7.81	0.665	0.92	0.02	23.78	108.9
13:53					7.22	0.651	0.90	0.05	23.70	112.4
13:55					7.11	0.652	0.89	0.06	23.71	112.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MW3

DATE: 7/22/10

WELL #: D1

TIME: 12:14

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 89°F, Cloudy sunny

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:57			80 psi		6.97	0.657	0.89	0.07	23.80	113.1
~~13:55~~	14:00				6.97	0.656	0.89	0.07	23.80	113.9
14:10	Ready for sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MW 3

DATE: 7/22/10 WELL #: P2

TIME: 12:14 DEPTH OF PUMP: [illegible]

WEATHER CONDITIONS: 89°F, Cloudy [illegible] SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:14	First	Purge	80 PSI							
12:25	Waiting	for	recharge							
13:00	Second	Purge	80 PSI		6.60	0.682	1.02	0.48	23.70	102.5
13:10					6.59	0.682	1.01	0.48	23.70	102.6
13:15					6.58	0.681	1.02	0.47	23.71	102.6
13:17					6.57	0.684	1.00	0.47	23.75	101.8
13:19					6.56	0.683	1.01	0.46	23.75	102.1
13:20					6.55	0.682	1.00	0.47	23.75	101.9
13:25	Waiting	for	Recharge							
13:50	Third	Purge	80 PSI		6.95	0.682	1.21	0.22	23.72	114.9
13:53					6.61	0.682	1.20	0.27	23.72	114.5
13:55					6.58	0.682	1.19			

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MW 3

DATE: 7/22/10

WELL #: P2

TIME: 12:14

DEPTH OF PUMP: Integral

WEATHER CONDITIONS: 85°F Cloudy, Hazy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:57			80PSI		6.52	0.682	1.19	0.33	23.83	114.7
14:00					6.51	0.681	1.18	0.32	23.81	114.0
14:10	Ready for sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 3

DATE: 12:14 7/22/10

TIME: 12:14

WEATHER CONDITIONS: 89°F

WELL #: P3

DEPTH OF PUMP: nitrogen

SAMPLERS: Peter Marsden

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:14	First purge			80 psi						
12:25	waiting for recharge									
13:00	second purge				7.02	0.738	1.19	0.26	23.00	76.3
13:03					6.83	0.739	1.22	0.27	23.00	76.6
13:06					6.81	0.740	1.18	0.26	23.01	76.0
13:09					6.80	0.741	1.17	0.26	23.03	75.3
13:12					6.80	0.743	1.18	0.27	23.09	74.0
13:15					6.79	0.744	1.15	0.26	23.08	73.0
13:18					6.80	0.745	1.16	0.29	23.10	72.3
13:25	waiting for recharge									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 3

DATE: 7/22/10

WELL #: MPW 3 - 3

TIME: 13:50

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 89°F

SAMPLERS: Pedro Tovesa

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:50	Third purge			80psi	7.32	0.742	1.20	0.32	23.15	68.2
13:53					6.94	0.732	1.20	0.28	23.02	72.2
13:56					6.84	0.731	1.19	0.30	23.02	72.5
13:59					6.83	0.731	1.18	0.30	23.04	72.6
14:02					6.80	0.731	1.18	0.30	23.05	72.5
14:05					6.80	0.731	1.17	0.28	23.08	72.4
14:10	Ready for Sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 3

DATE: 7/22/10

TIME: 12:14

WEATHER CONDITIONS: 89°F

WELL #: P-4

DEPTH OF PUMP: nitrogen

SAMPLERS: Pedro Lancher

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:14	First purge			80 psi						
12:25	waiting for recharge									
13:00	second purge				6.79	0.685	0.96	0.64	23.66	125.0
13:03					6.70	0.684	0.91	0.67	23.68	118.6
13:06					6.69	0.684	0.95	0.67	23.70	115.7
13:09					6.67	0.685	0.92	0.66	23.74	111.4
13:12					6.65	0.685	0.91	0.65	23.76	103.0
13:15					6.64	0.684	0.91	0.65	23.77	96.3
13:18					6.63	0.684	0.92	0.65	23.76	89.6
13:25	waiting for recharge									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW-3

DATE: 7/22/10

WELL #: MPW-3 - 4

TIME: 13:50

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 89°F

SAMPLERS: Pedro Jaurdal

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:50	Third purge			80psi	6.96	0.691	0.94	0.62	23.80	19.4
13:53					6.74	0.686	0.93	0.69	23.71	27.7
13:56					6.70	0.685	0.93	0.71	23.72	31.6
13:59					6.68	0.685	0.92	0.70	23.74	34.3
14:02					6.66	0.687	0.92	0.68	23.76	37.7
14:05					6.64	0.686	0.91	0.64	23.82	41.4
14:08					6.62	0.686	0.92	0.64	23.83	45.6
14:10	Ready for sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 3

DATE: 7/22/10

WELL #: MPW 3 – 5

TIME: 12:25

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 89°F

SAMPLERS: Pedro Yanez Sez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:25	First purge			80 psi						
13:00	waiting for recharge									
13:25	second purge			80 psi	7.16	0.747	0.78	1.05	23.00	72.0
13:28					6.91	0.748	0.53	0.51	22.96	73.2
13:31					6.87	0.747	0.58	0.43	22.97	73.5
13:34					6.85	0.747	0.51	0.34	22.99	73.2
13:37					6.85	0.745	0.50	0.30	23.00	72.9
13:40					6.85	0.744	0.52	0.28	23.00	72.9
13:43					6.85	0.742	0.55	0.26	23.02	73.0
13:46					6.85	0.742	0.58	0.24	23.04	73.1
13:49					6.85	0.742	0.58	0.26	23.02	73.0
14:10	Third purge			80 psi	7.25	0.750	0.89	0.73	23.05	76.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW 3

DATE: 7/22/10

WELL #: MPW-3-5

TIME: 14:13

DEPTH OF PUMP: [illegible]

WEATHER CONDITIONS: 89°F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:13				8psi	6.91	0.750	0.80	0.49	23.00	77.5
14:14					6.89	0.749	0.80	0.44	23.01	77.5
14:19					6.87	0.749	0.79	0.41	23.01	77.5
14:22					6.86	0.749	0.70	0.39	23.03	77.5
14:25					6.84	0.748	0.65	0.34	23.03	77.4
14:28					6.83	0.747	0.60	0.29	23.03	77.3
14:30	ready for sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW-4

DATE: 7/23/10

TIME: 9:00

WEATHER CONDITIONS: 79°F

WELL #: MPW-4-1

DEPTH OF PUMP: nitrogen

SAMPLERS: J. Degg, R. Smelz

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00		30.70		80psi	First. purge					
9:15	waiting for recovery.									
9:30	second purge				6.96	0.620	1.9	0.24	24.10	172.9
9:33					6.54	0.622	1.9	0.30	24.05	176.2
9:36					6.42	0.623	1.8	0.34	24.03	175.3
9:39					6.35	0.623	1.8	0.36	24.05	174.4
9:41					6.32	0.623	1.9	0.37	24.06	173.2
9:43					6.28	0.623	1.7	0.39	24.09	171.8
9:46					6.25	0.620	1.8	0.40	24.10	169.9
9:50					6.25	0.619	1.7	0.42	24.10	169.3
9:50	waiting for recharge									
10:05	Third purge			60psi	6.80	0.626	2.2	0.28	24.08	177.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW-4

DATE: 7/23/10

TIME: 10:08

WEATHER CONDITIONS: 79°F

WELL #: MPW-4-1

DEPTH OF PUMP: nitrogen

SAMPLERS: Pedro Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:08				60 psi	6.38	0.626	1.9	0.44	24.03	177.9
10:11					6.29	0.626	1.9	0.48	24.06	176.3
10:14					6.26	0.626	1.8	0.50	24.08	175.5
10:17					6.25	0.626	1.8	0.50	24.11	175.1
10:20					6.24	0.625	1.7	0.50	24.11	174.9
10:23					6.23	0.625	1.7	0.50	24.10	174.5
10:25	waiting for recharge									
	Ready for sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW-4

DATE: 7/23/10

WELL #: MPW-4-2

TIME: 9:00

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 79°F

SAMPLERS: J. Dyer / P. Dapchy

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00		30.65	First purge		80 (PSI)					
9:15	waiting for recovery									
9:30	second purge				7.56	0.627	2.8	0.29	23.34	122.5
9:33					7.32	0.627	2.5	0.33	23.32	123.3
9:36					7.21	0.626	1.9	0.35	23.32	124.0
9:39					7.15	0.625	1.9	0.35	23.34	124.2
9:42					7.11	0.625	1.8	0.37	23.35	124.6
9:45					7.06	0.624	1.8	0.37	23.37	124.9
9:48					7.01	0.623	1.8	0.42	23.38	125.7
9:50					7.01	0.624	1.7	0.42	23.39	125.7
9:57	waiting for recharge									
10:05	Third purge			40 psi	7.49	0.627	2.1	0.27	23.39	122.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW-4

DATE: 7/23/10 WELL #: MPW-4-2

TIME: 79 of 10:08 DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 79 of SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:08				65 psi	7.15	0.628	2.0	0.32	23.34	123.8
10:11					7.07	0.628	1.9	0.34	23.36	124.2
10:14					7.04	0.629	1.8	0.35	23.39	124.6
10:17					7.02	0.629	1.8	0.34	23.42	124.7
10:20					7.01	0.628	1.8	0.35	23.39	124.7
10:23					7.00	0.627	1.7	0.38	23.40	124.6
10:25	waiting for recharge									
	ready for sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW- 4

DATE: 7/23/10

WELL #: MPW- 4 - 3

TIME: 900

DEPTH OF PUMP: nitrogen

WEATHER CONDITIONS: 99°F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
900	First Purge		30.80	(80 PSI)	First purge.					
9:15	waiting for recovery.									
9:30	Second Purge			60 psi	7.43	0.639	0.8	0.17	24.13	104.8
9:35					7.01	0.640	0.89	0.12	24.04	107.5
9:37					6.90	0.639	0.92	0.11	24.05	106.8
9:39					6.84	0.640	0.90	0.12	24.06	106.5
9:40					6.83	0.641	0.91	0.12	24.05	106.7
9:45					6.81	0.639	0.90	0.11	24.07	106.8
9:50	Waiting for Recharge									
10:05	Third purge			60 PSI	6.54	0.642	0.89	0.01	24.07	105.3
10:09					6.91	0.641	1.09	0.05	24.06	105.3
10:11					6.53	0.556	0.99	1.57	24.13	0.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MDW4

DATE: 4/23/10

TIME: 9:00

WEATHER CONDITIONS: 75 °F

WELL #: MDW4-3

DEPTH OF PUMP: Nitrogen

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:15			60 PSI		6.75	0.635	0.98	0.10	24.12	103.7
10:19					6.75	0.638	0.99	0.11	24.12	103.7
10:25	Waiting for Recharge									
	ready for Sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW-4

DATE: 7/23/10 WELL #: MPW-4-4

TIME: 9:00 DEPTH OF PUMP: [illegible]

WEATHER CONDITIONS: 79°F SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00	First Purge	30.76	(80PSI)	First Purge						
9:15	Waiting for recovery.									
9:30	Second Purge		60 PSI		6.53	0.559	1.91	1.85	24.00	-27.2
9:35					6.54	0.559	1.90	1.85	24.00	-15.4
9:37					6.53	0.558	1.85	1.85	24.04	-9.3
9:39					6.52	0.558	.98	1.85	24.08	-4.1
9:40					6.47	0.557	.99	1.84	24.07	-18.4
9:45					6.47	0.557	.99	1.93	24.07	-20.0
9:50	Waiting for Recharge									
9:55	Third Purge		60PSI		6.61	0.556	1.09	1.52	24.01	-15.0
10:09					6.56	0.556	1.02	1.53	24.04	-9.1
10:11					6.79	0.560	0.99	0.09	24.11	103.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MMW4

DATE: 7/23/10

WELL #: MMW4-4

TIME: 9:20

DEPTH OF PUMP: Unknown

WEATHER CONDITIONS: 76 F

SAMPLERS:

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:15			60 psi		6.75	0.639	0.53	0.10	24.10	103.5
10:17					6.75	0.638	0.99	0.11	24.10	103.4
10:20	Waiting for recharge									
	Ready for sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Stag. Area

DATE: 7/21/10

WELL #: MPW 5 P1

TIME: 9:00

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 85°F, Cloudy Rainy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00	Good Purge		80 PSI		6.76	0.507	0.66	1.54	25.13	168.8
9:05					6.40	0.498	0.68	2.00	24.98	181.5
9:15					6.34	0.496	0.00	1.99	25.08	187.7
9:20					6.30	0.496	0.00	1.89	25.41	196.0
9:25					6.29	0.491	0.00	1.78	25.48	199.6
9:30	Waiting for recharge									
10:00	Third purge		80 PSI		6.21	0.494	0.000	1.60	25.26	220.0
10:05					6.21	0.493	0.00	1.78	25.25	221.0
10:10					6.21	0.492	0.00	1.79	25.91	230.0
10:20					6.21	0.499	0.00	1.82	25.48	236.0
10:27	finish purging									
	ready to sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Stag. Area

DATE: 7/20/08 WELL #: DMW5, P2

TIME: 9:00 DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 95 °F, Cloudy SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00			80 psi*		6.59	0.535	0.00	0.42	24.96	126.9
9:10					6.62	0.536	0.00	0.37	25.06	123.0
9:15					6.66	0.539	0.00	0.35	25.20	121.0
9:20					6.72	0.544	0.00	0.35	25.30	117.9
9:25					6.73	0.544	0.00	0.35	25.50	117.7
10:00	Third purge (9:30* cont. for recharge)				6.73	0.538	0.00	0.40	25.24	112.0
10:05					6.74	0.537	0.01	0.38	25.23	111.0
10:10					6.74	0.536	0.00	0.38	25.23	112.0
10:20					6.74	0.539	0.01	0.39	25.23	113.0
10:37	Finish purging									
	ready to sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

80

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: STAG. Area MPW-5

DATE: 7/21/10

TIME: 9:00

WEATHER CONDITIONS: 85°F

WELL #: MPW 5-3

DEPTH OF PUMP: not frozen

SAMPLERS: Pedro Lancer

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00					6.98	0.532	.06	1.50	25.52	1.50.0
9:10					6.50	0.530	.06	1.52	25.05	159.8
9:15					6.43	0.531	.06	1.36	25.20	159.1
9:20					6.40	0.535	.03	1.35	25.47	158.4
9:25					6.40	0.535	.52	1.30	25.57	158.6
9:30	Waiting for recharge									
10:00	third purge		80 PSI		6.29	0.530	0.0	1.36	25.52	161.9
10:10					6.29	0.531		1.46	25.34	165.6
10:15					6.29	0.531		1.51	25.45	162.7
10:20					6.30	0.535	.88	1.51	25.62	162.2
10:25					6.30	0.536	.20	1.52	25.64	163.0
10:27	Finish to sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: STAB- Area
MPW-5

DATE: 7/21/10

WELL #: MPW-5 - [illegible]

TIME: 9:00

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 85°F

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:00					7.06	0.596		0.74	24.47	90.3
9:10					6.77	0.598		0.64	24.41	87.8
9:15					6.73	0.601	0.66	0.57	24.59	85.7
9:20					6.73	0.607	0.51	0.56	25.02	85.1
9:25					6.73	0.610	0.13	0.51	25.06	80.1
9:30	waiting for recharge									
10:00	third purge	30PSI			6.30	0.[illegible]	.11	0.78	25.30	71.5
10:10					6.63	0.607		0.74	24.66	73.4
10:15					6.63	0.610		0.73	24.98	74.1
10:20					6.63	0.613	.56	0.69	24.95	74.6
10:25					6.64	0.613		0.67	24.90	75.9
10:27	Finish for sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW5

DATE: 7/21/10

WELL #: MPW 5- 5

TIME: 10:34

DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 89°F Cloudy

SAMPLERS: Peter Sarosta

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:35	First Purge		80psi		7.14	0.642	0.70	.50	24.47	73.8
10:40					6.87	0.636	0.52	.52	24.22	75.5
10:45					6.81	0.641		.50	24.35	72.2
10:50					6.80	0.648		.43	24.48	67.0
10:55					6.80	0.649		.43	24.49	62.3
11:00					6.80	0.662		.42	24.86	61.2
11:00	Waiting for recharge									
11:35					6.87	0.644		.32	24.42	74.6
					6.79	0.644		.34	24.42	75.0
13:25			80 psi		6.76	0.639	0.34	.63	24.29	81.2
13:30					6.74	0.646	0.16	.57	24.36	82.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: MPW5

DATE: 7/21/10 WELL #: MPW5 - 5

TIME: 13:35 DEPTH OF PUMP: [illegible]

WEATHER CONDITIONS: 85°F cloudy rain SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:35			90 psi		6.75	0.660	0.19	0.53	24.73	82.4
13:38					6.76	0.664	0.20	0.51	24.74	82.5
13:42					6.76	0.665	0.18	0.50	24.78	82.7
13:45	ready to sample									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

CDM
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Environmental Technician
1225 Ponce de Leon Ave.
Suite 603, san Juan, P.R.
787/7225409

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Stay Area

DATE: 7/21/10

WELL #: MW5 P 6

TIME: 10:34

DEPTH OF PUMP: Bottom

WEATHER CONDITIONS: 89 F, Cloudy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:35	First Purge		80 PSI		6.71	0.613	1.2	0.41	25.00	156.1
10:40					6.72	0.614	1.1	0.42	25.01	157.1
10:45					6.58	0.609	0.80	0.61	24.94	161.7
10:50					6.59	0.613	0.91	0.68	25.01	165.1
10:55					6.56	0.617	0.87	0.68	25.28	169.1
11:00	Waiting for recharge									
11:25			60 PSI		6.63	0.612	0.97	0.65	25.18	178.5
11:40					6.64	0.613	0.80	0.65	25.17	179.3
13:25	new attempt (N)		80 PSI		6.63	0.616	0.90	1.10	24.95	108.3
13:30					6.60	0.614	0.89	0.97	24.95	115.2
13:35					6.57	0.613	0.87	0.89	25.00	118.2
13:45	ready for Sampling									

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Stag Area

DATE: 7/21/10 WELL #: MDW5-P7

TIME: 10:34 DEPTH OF PUMP: Nitrogen

WEATHER CONDITIONS: 89°F, Cloudy SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:35	First Purge		80PSI		7.26	0.639	1.3	0.41	24.79	111.5
10:40					7.25	0.637	1.4	0.42	24.78	111.7
10:45					7.13	0.638	0.80	0.29	24.82	107.6
10:50					7.11	0.635	0.91	0.24	24.91	90.9
10:55					7.11	0.634	0.85	0.18	25.10	93.7
11:00	Water									
11:35					7.20	0.651	0.90	0.27	25.02	96.7
11:40					7.18	0.652	0.91	0.26	25.03	94.3
1:25					7.17	0.654	0.92	0.64	24.88	116.9
1:30					7.12	0.653	0.90	0.41	24.96	118.5
1:35					7.10	0.654	0.91	0.39	25.00	120.3

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: ~~Shell~~ MPW – 6 – PS – S2

Ivan well #2
OTP · 057769 – Metals

DATE: 7/30/10

WELL #: ~~Shell~~ MPW – 6 – PS

TIME: 8:40

DEPTH OF PUMP: Bomba 225.00 H

WEATHER CONDITIONS: 85°F

SAMPLERS: Peter Lowder

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:40		68.4	Setting	Flow	rate					
8:45			250	(187.0 H2)						
9:00		68.29	300 ml	(188.0 H2)						
9:05		68.29	300 ml	Turbidity 4.3	6.79	0.511		1.57	27.57	121.17
9:10		68.29	300	2.5	6.70	0.525		1.73	27.46	102.7
9:15		68.29	300	0.0	6.69	0.530		1.76	27.41	101.8
9:20		68.29	300	18	6.66	0.530		1.55	27.41	92.16
9:25		68.29	300	15	6.58	0.515		0.77	27.61	73.6
9:30		68.30	300	12	6.55	0.512		0.73	27.47	77.5
9:35		68.31	300	11.0	6.42	0.523		0.64	26.35	105.8
9:40		68.30	300	0.0	6.43	0.523		0.63	26.44	106.7
9:45		68.29	300	0.0	6.42	0.523		0.61	26.43	109.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidine G.W. Centrifuge

DATE: 7/30/10 **WELL #:** MPW-6

TIME: 10:30 / Sample collected **DEPTH OF PUMP:** 225' ft

WEATHER CONDITIONS: 89° F / Sunny **SAMPLERS:** J. Pugh / P. Sinclair

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:50		68.31	300 ml		6.42	0.522	* 0.0	0.60	26.41	110.9
10:00		68.30	300 ml		6.42	0.522	0.0	0.63	26.45	112.3
10:10		68.29	300		6.41	0.522	0.0	0.61	26.46	113.1
10:20		68.31	300		6.42	0.522	0.0	0.60	26.45	114.0
10:30	collecting	Sample	/ Phase		250 mls					

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidra 3- S2

DATE: 7/27/10

WELL #: Cidra 3-S2

TIME: 8:55

DEPTH OF PUMP: Bottom 73' bgs

WEATHER CONDITIONS: 85°F

SAMPLERS: Peter London

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:55		27.8	Setting Flow rate.							
9:20		26.7	400ml.		6.36	0.654	35	1.09	24.64	-6.9
9:23					6.48	0.656	35	0.59	24.69	-25.1
9:28					6.54	0.654	34	0.39	24.63	-31.2
9:33					6.58	0.654	7.9	0.26	24.62	-36.8
9:38					6.61	0.656	7.4	0.17	24.72	-39.2
9:43					6.62	0.658	7.5	0.15	24.85	-38.7
9:46					6.63	0.658	7.7	0.34	24.84	-38.3
9:49					6.63	0.658	7.6	0.18	24.83	-39.2
9:53					6.64	0.658	7.4	0.17	24.84	-38.5
9:56					6.63	0.655	0.60	0.30	24.69	-36.7
9:59					6.62	0.656	0.00	0.33	24.78	-36.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidra 3-52

DATE: 7/27/10

WELL #: Cidra 3-52

TIME: 10:05

DEPTH OF PUMP: Bomba

WEATHER CONDITIONS: 85°F

SAMPLERS: Pedro Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:05					6.63	0.657	0.00	0.33	24.87	-38.0
10:08					6.63	0.657	0.00	0.34	24.81	-38.6
10:15					6.63	0.657	0.00	0.36	24.88	-36.1
10:20					6.64	0.657	0.00	0.38	24.84	-36.5
10:25					6.64	0.656	0.00	0.38	24.77	-35.9
10:30					6.63	0.656	0.00	0.38	24.80	-35.5
10:30		Ready to sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

G.W 38.16 TOC
230 Hz
152 Hz

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidra 4 (Close to "Funeraria")

DATE: 7/27/10

WELL #: Cidra 4-52

TIME: 9:15 am

DEPTH OF PUMP: 102' bgs

WEATHER CONDITIONS: 86°F, Cloudy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:15	Set up pump & purge water									
9:35		39.42	500 ml/min		6.34	0.448	1.52	0.94	25.02	-175.3
9:38		"	"		6.36	0.448	1.49	0.98	25.01	-175.8
9:40		"	"		6.41	0.448	1.44	1.04	25.09	-176.3
9:42		"	"		6.43	0.444	1.40	1.04	25.10	-176.8
9:45		"	"		6.44	0.448	1.38	1.04	25.08	-176.0
9:48		"	"		6.46	0.447	1.32	1.03	25.10	-176.2
9:50		"	"		6.48	0.447	1.33	0.98	25.16	-176.2
9:54		"	"		6.49	0.447	1.32	0.97	25.15	-175.9
9:55		"	"		6.48	0.447	1.30	0.98	25.10	-176.4
9:58					6.49	0.448	1.31	0.96	25.11	-176.8
10:00	Ready for Sampling				6.49	0.448	1.30	0.97	25.12	-176.7

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis. Note: Rx observed in VOA's with HCl

REV 5/01

R2-0006118

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidra - 6 - S2

DATE: 7/28/10

WELL #: Cidra - 6 - S2

TIME: 13:35

DEPTH OF PUMP: Bauer (250' bgs)

WEATHER CONDITIONS: 88°F

SAMPLERS: Pedro Yandel

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:35		37.00	Setting	Flow	rate					
13:45			174.10 H		6.21	0.999	3.5	2.03	25.55	80.5
13:50					6.24	0.999	3.2	1.99	25.59	77.9
13:55					6.26	1.001	1.5	2.02	25.67	74.9
14:00					6.27	1.000	1.2	1.93	25.64	76.8
14:10					6.27	1.000	.98	1.90	25.66	77.5
14:15					6.27	1.001	0.00	1.87	25.73	77.8
14:20					6.28	1.002	0.00	1.89	25.74	78.2
14:25					6.28	1.002	0.00	1.87	25.74	78.7
14:30					6.28	1.002	0.00	1.85	25.74	78.3
14:35					6.28	1.002	0.00	1.85	25.76	79.8
14:40					6.28	1.002	0.00	1.85	25.79	79.9

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidra-6-S2

DATE: 4/20/10

TIME: 14:45

WEATHER CONDITIONS: 88°F

WELL #: Cidra 6-S2

DEPTH OF PUMP: Bauer (250' bgs)

SAMPLERS: Pedro Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:45					6.29	1.004	0.00	1.82	25.80	80.0
14:50					6.29	1.004	0.00	1.87	25.80	79.2
14:55					6.29	1.003	0.00	1.82	25.76	78.2
15:00	collecting	37.00	Sample		6.29	1.003	0.00	1.82	25.76	78.1

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Cidra - 8-S2

DATE: 7/28/10

TIME: 10:00

WEATHER CONDITIONS: 85°F

WELL #: Cidra - 8 - S2

DEPTH OF PUMP: Bank (280 lbs)

SAMPLERS: Pedro Sanchez

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:00		28.60	setting flow		rate					
10:15		28.70			5.82	0.422	95	4.53	25.23	56.7
10:20					5.82	0.422	17	4.14	24.24	85.4
10:25					5.82	0.422	14	3.93	25.28	98.6
10:30					5.82	0.423	7	3.71	25.32	107.8
10:40					5.82	0.423	1.1	3.68	25.32	108.5
10:50					5.82	0.423	0.00	3.66	25.32	108.7
11:00					5.82	0.423	0.00	3.65	25.31	108.9
11:10		28.70			5.82	0.423	0.00	3.63	25.31	108.9
11:30	collecting		sample.							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

65.9 AFTOC

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Trax Abandoned well

DATE: 7/20/10

TIME: 9:20

WEATHER CONDITIONS: 85°F, Cloudy

WELL #: Trax abandoned

DEPTH OF PUMP: 218 ft bgs

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:20		66.04	set up pump							
9:20		66.20	340 ml/min		6.30	0.456	1.89	1.91	26.25	130.2
9:23		66.20	"		6.35	0.456	1.88	1.90	26.26	130.1
9:25		"	"		6.36	0.455	1.83	1.17	26.21	129.1
9:27		"	"		6.34	0.456	1.74	1.67	26.20	128.9
9:30		"	"		6.34	0.455	1.72	1.86	26.21	129.5
9:33		"	"		6.33	0.456	1.71	1.84	26.19	129.1
9:35		"	"		6.33	0.454	1.70	1.83	26.19	128.6
9:38		"	"		6.33	0.454	1.20	1.82	26.17	127.9
9:40		"	"		6.33	0.451	1.00	1.20	26.20	125.4
9:44		"	"		6.33	0.452	0.98	1.40	26.35	126.4
9:49		"	"		6.33	0.452	0.89	1.49	26.34	125.4

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

REV 5/01

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Ivax Abandoned Well

DATE: 7/23/10

TIME: 9:00

WEATHER CONDITIONS: 85°F, Cloudy

WELL #: Ivax

DEPTH OF PUMP: 220' bgs

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
9:50		66.20	300 ml/min		6.30	0.453	0.89	1.48	26.27	126.1
9:53		66.20	"		6.30	0.453	0.87	1.47	26.27	126.4
9:58		"	"		6.30	0.454	0.88	1.46	26.25	126.9
9:59					6.30	0.454	0.88	1.47	26.25	126.8
10:00		"	"		6.30	0.454	0.89	1.45	26.24	126.9
10:03		"	"		6.30	0.454	0.87	1.44	26.25	126.5
10:05		"	"		6.30	0.454	0.88	1.43	26.27	126.7
10:08		"	"		6.30	0.454	0.89	1.42	26.27	126.6
10:10		"	"		6.30	0.454	0.88	1.40	26.24	126.9
10:15		"	"		6.30	0.454	0.88	1.42	26.25	126.8
10:20		"	"		6.30	0.453	0.89	1.40	26.26	126.9
10:25		"	"		6.30	0.454	0.89	1.42	26.25	126.8

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

10:30 Ready for sampling

REV 5/01

R2-0006123

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Inax

DATE: 2/23/10

WELL #: Inax Supply well 2

TIME: 12:47

DEPTH OF PUMP: 230, 220, 210 ft bgs

WEATHER CONDITIONS: 79°F, Cloudy

SAMPLERS: [illegible]

ELAPSED TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE	DRAWDOWN FEET (+/- 0.3 FT)	ph (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:00	First Purge									
13:17					6.55	0.510	0.52	0.032	30.29	104.0
13:19					6.70	0.518	0.42	4.66	30.37	100.8
13:23					6.74	0.510	0.10	2.17	30.37	100.7
13:26					6.74	0.520	0.10	2.22	30.38	101.1
13:28					6.74	0.520	0.0	2.24	30.38	101.1
13:30					6.75	0.517	0.02	2.96	30.18	102.2
13:32					6.74	0.516	0.00	2.80	30.13	102.6
13:34					6.73	0.516	0.00	2.81	30.02	102.8
13:36					6.72	0.515	0.00	2.80	30.00	103.7
13:38					6.71	0.515	0.00	2.79	30.10	103.9
13:40					6.71	0.516	0.00	2.78	30.11	103.5

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: 13:40 ready for sampling / from supply well.

REV 5/01

Appendix C

Recommendation Letter for MPW - 6

CDM
125 Maiden Lane, 5th Floor
New York, New York 10038
tel: 212 785-9123
fax: 212 785-6114

June 14, 2010

Mr. Adalberto Bosque
Remedial Project Manager
U.S. Environmental Protection Agency
Caribbean Environmental Protection Division
Centre Europa Building, Suite 417
1492 Ponce de Leon Avenue
Santurce, Puerto Rico 00907

PROJECT: EPA Region 2 RAC2, Contract No.: EP-W-09-002
Work Assignment No.: 004-RICO-02WE

DOC CONTROL NO.: 3320-004-00477

SUBJECT: Recommendations for Damaged Multiport Monitoring Well MPW-6
Cidra Groundwater Contamination Superfund Site,
Cidra, Puerto Rico

Dear Mr. Bosque:

The attached discussion presents options for reconstruction of the damaged multiport monitoring well (MPW-6) at the Cidra site in Cidra, Puerto Rico. A recommended option is also provided. CDM would like to develop a resolution for this well in concert with EPA, and suggests a conference call during the week of June 14.

If you have any questions regarding this submittal, please contact me at (787) 722-5406.

Very truly yours,

CDM FEDERAL PROGRAMS CORPORATION

for

Michael Valentino, P.G.
Project Manager

PSO:_____

cc: F. Rosado, EPA Region 2
D. Cutt, EPA Region 2
J. Litwin, CDM
F. Gellati, CDM
RAC2 Document Control

Recommendations for
Damaged Multiport Monitoring Well, MPW-6

Background

On April 7, 2010, CDM took water levels in the multiport wells at the Cidra site and found that the water levels in the MPW-6 liner and the ports were the same. This indicated that the liner in the multiport well is torn. If operating properly, a positive head is maintained on the FLUTe liner by filling the liner with water to a level above the natural water level in the formation. This positive head keeps the liner pressed against the borehole wall so that it can operate properly. This situation also occurred when the blank liner was removed before installing the multilevel FLUTe well in December 2008. A tear in the liner was found at about 220 feet. Geophysical logs for this well exhibited a significant water producing zone and a major fracture at 220 feet. The geophysical logs are attached.

The cause and location of the tear in the multiport well liner is unknown but may be due to rapid drawdown in the multiport well caused by pumping of the nearby production wells. The two production wells are located approximately 20 feet from MPW-6. A drawdown of 60 feet was observed in the MPW-6 borehole when the pumps were in operation, indicating that fractures within these wells are likely connected. This drawdown, combined with the jagged edges of the large fracture zone at 220 feet, exert pressure on liner which may result in a tear. This monitoring point is important to characterize groundwater flow at the site, especially within this fracture zone at 220 feet since it defines a boundary of groundwater flow regimes at the site. Groundwater level readings were collected on January 12, 2009 and groundwater samples were collected on January 19, 2009 from this well (see attached Figures 2-4 and 2-7)

Options

Three options are available to remedy the situation at multiport well MPW-06. Each option is discussed below. The cost estimates for the three options are also discussed.

- Abandon MPW-06
- Replace the FLUTe multiport well in MPW-06 with a new FLUTe liner.
- Replace the multiport well in MPW-06 with a standard monitoring well with a single screen interval

Abandon MPW-6

Abandoning well MPW-06 would involve removing the FLUTe multiport well and backfilling the borehole with cement bentonite grout using a tremie pipe. Bentonite chips might also be used to bridge large fractures such as that observed at 220 feet. This is the least expensive option but would remove this location completely from the monitoring well network at the site.

R2-0006127

Replace the FLUTe Liner

Replacing the FLUTe multiport well would involve removing the old liner, locating the tear, ordering a new liner with reinforcement around the location of the tear, and installing the new FLUTe multiport well in the borehole. This is would be the most expensive option but would allow the well to continue to monitor the seven water bearing zones. However, there is no way to guarantee that the new liner would not be torn like the previous two liners installed in this borehole. It is anticipated to take:

- one day to remove and inspect the damaged liner
- one month to fabricate and ship the new reinforced liner
- two days to reinstall the tubing and ports in the new liner and install the multiport well in the borehole

A temporary blank liner is not recommended to be installed while waiting for the replacement liner since a high probability exists that it would be damaged similar to the previous one. Also the adjacent production wells and abandoned well are open holes so cross borehole flow is occurring regardless.

Construct a Standard Monitoring Well

Replacing the multiport well with a standard single-screen monitoring well would involve selecting a screened zone, removing the FLUTe multiport well, partially backfilling the borehole with cement/bentonite grout, bentonite chips and sand, and then installing the new well. Since the borehole is six inches in diameter the new well should be 2 inches in diameter to ensure proper placement of backfill. The construction of this well is expected to take three days. The advantage of this approach is that it would allow this location to continue to be used in the monitoring well network but without the risk of another liner tear. This option would cost less than replacing the FLUTe multiport well with a new multiport well. The loss of the other monitoring zones is acceptable because the results of groundwater sampling and water level monitoring as presented in the Technical Memorandum indicate that groundwater contamination at IVAX is not related to groundwater contamination observed at other parts of the site (see Figures 2-4 and 2-7).

Cost Comparison

Option	Abandon MPW-06	Replace well with new FLUTe liner	Replace well with standard monitoring well
Cost	$13,900	$24,424	$17,846

Note: Includes materials, subcontractor labor and CDM labor

Recommendation

CDM recommends replacing the FLUTe multiport well with a standard single-screen monitoring well. The proposed screened interval is shown on the attached geophysical log (second column from the right labeled "monitoring well") and is 210 to 230 feet below the ground surface. This screen interval will bracket the major water bearing fracture at 220 feet; it was chosen because geophysical logs identified the fracture at 220 feet as the most significant water bearing zone in the borehole. Groundwater sampling during packer testing showed 1, 1-dichloroethene (1,1-DCE) at a concentration of 9.6 micrograms per liter (µg/L) in the sample from this fracture zone (see geophysical log). Subsequent groundwater sampling detected 1, 1-DCE at a concentration of 16 µg/L in this fracture zone. This was the highest concentration detected in any of the zones (see cross section A-A').

To complete installation of a single-screen well, the borehole will need to be partially backfilled. CDM recommends the backfilling procedure specified below.

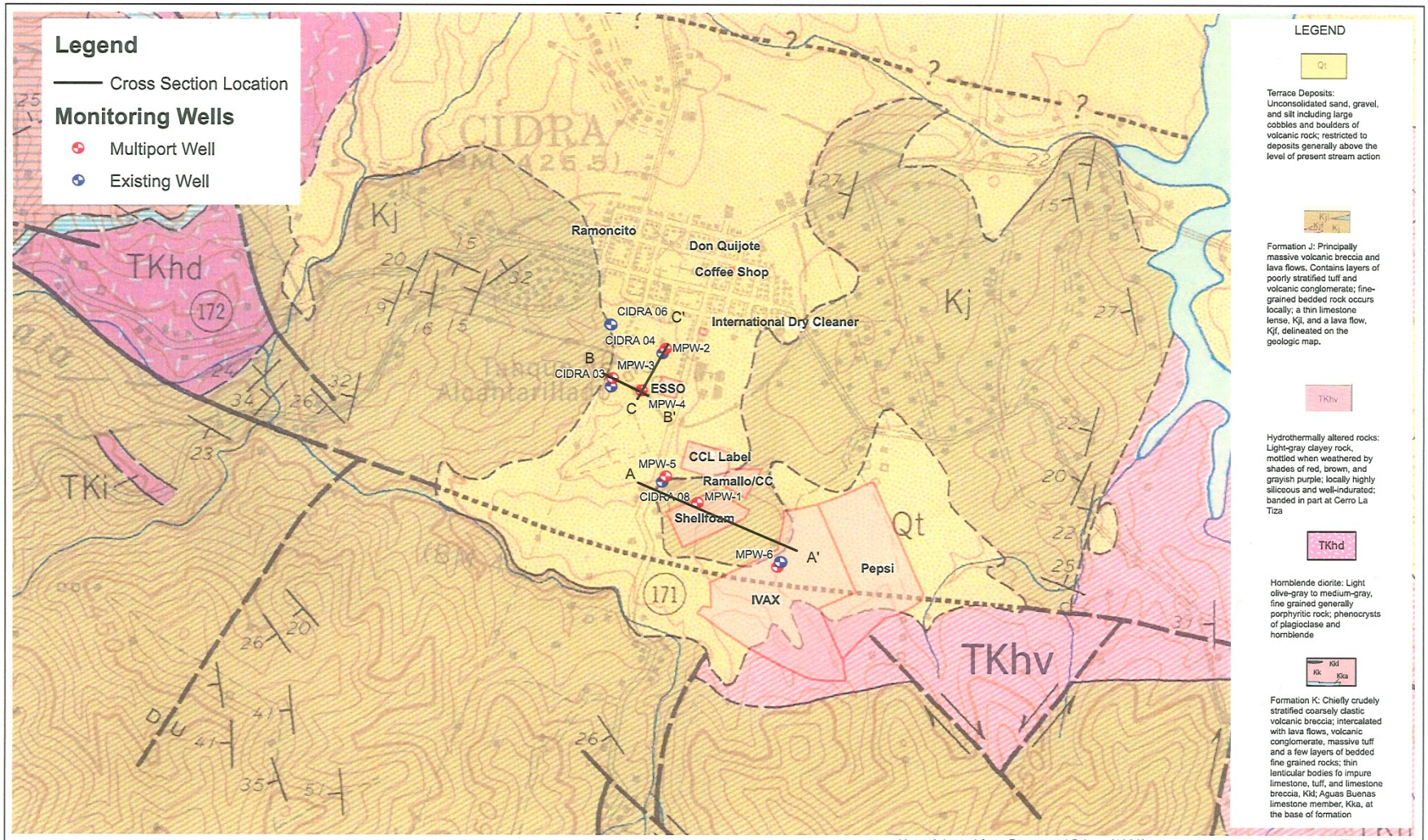
- Remove the liner and measure the total depth of the borehole.
- Calculate the volume of the borehole below the bottom of the screen interval to the bottom of the borehole.
- Prepare a cement/bentonite grout mixture equal to 70% of the borehole volume and place this grout using a tremie pipe installed to the bottom of the borehole. This approach is recommended to maximize the borehole volume filled with grout while minimizing the chances that the screened interval will be grouted by mistake or that the reconstructed well will be contaminated with grout.
- Allow grout to set for 24 hours and then check the depth to the top of grout.
- Top off the grout with bentonite chips to a depth 5 to 10 feet below the bottom of the screen interval. Bentonite chips will provide a good seal and will also allow careful control of the placement depth.
- Immediately place filter pack sand on top of the bentonite chips to bring the backfill to the required depth.
- Construct the well following standard procedures.

The proposed reconstructed well is shown on the right side of the attached geophysical logs.

R2-0006129

Figures

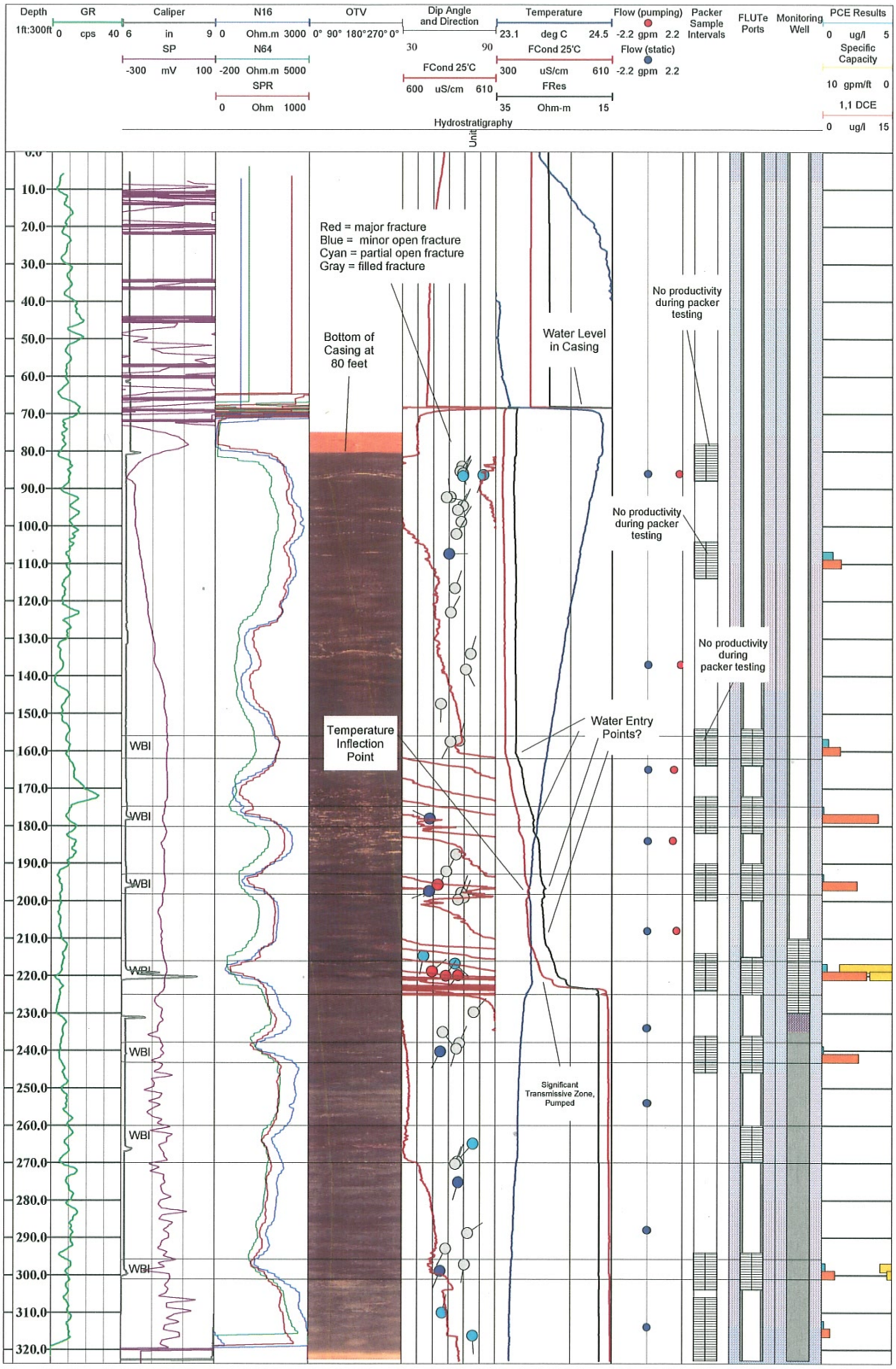
CDM



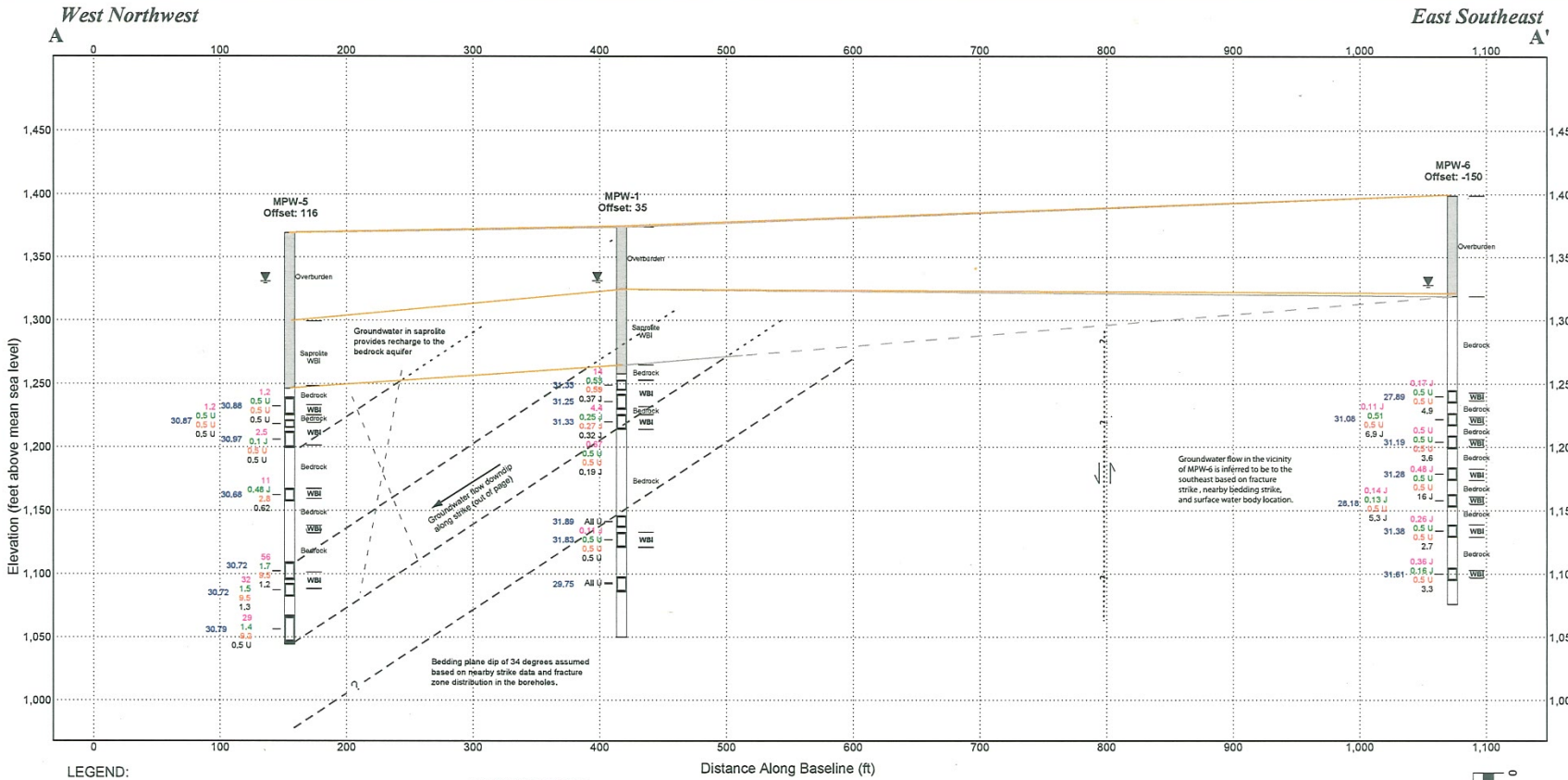
Note: Adapted from Pease and Briggs (1960)

Figure 2-1
Geologic and Cross Section Location Map
Cidra Groundwater Contamination Site
Technical Memorandum
Cidra, Puerto Rico
CDM

R2-0006131


Depth
1ft:300ft
GR
0 cps 40
Caliper
6 in 9
SP
-300 mV 100
N16
0 Ohm.m 3000
N64
-200 Ohm.m 5000
SPR
0 Ohm 1000
OTV
0° 90° 180° 270° 0°
Dip Angle and Direction
30 90
FCond 25'C
600 uS/cm 610
Temperature
23.1 deg C 24.5
FCond 25'C
300 uS/cm 610
FRes
35 Ohm-m 15
Flow (pumping)
-2.2 gpm 2.2
Flow (static)
-2.2 gpm 2.2
Packer Sample Intervals
FLUTe Ports
Monitoring Well
PCE Results
0 ug/l 5
Specific Capacity
10 gpm/ft 0
1,1 DCE
0 ug/l 15
Hydrostratigraphy Unit
Red = major fracture
Blue = minor open fracture
Cyan = partial open fracture
Gray = filled fracture
Bottom of Casing at 80 feet
Water Level in Casing
No productivity during packer testing
No productivity during packer testing
No productivity during packer testing
Temperature Inflection Point
Water Entry Points?
Significant Transmissive Zone, Pumped
WBI
WBI
WBI
WBI
WBI
WBI
WBI
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
110.0
120.0
130.0
140.0
150.0
160.0
170.0
180.0
190.0
200.0
210.0
220.0
230.0
240.0
250.0
260.0
270.0
280.0
290.0
300.0
310.0
320.0

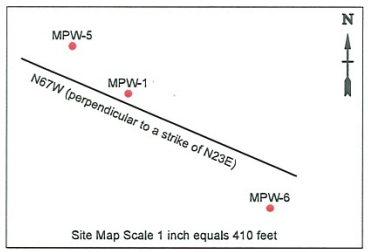
R2-0006132



LEGEND:

- Steel Casing
- FLUTe LINER
- FLUTe Sampling Interval
- WBI Water Bearing Interval
- ? = uncertain

Cross Section Location



Site Map Scale 1 inch equals 410 feet

Groundwater Sample Results
Tetrachloroethene
Trichloroethene
cis-1,2-Dichloroethene
1,1-Dichloroethene
All results in micrograms per liter
U - not detected, detection limit is value to left
J - estimated concentration
All U - all analytes were not detected

Water Level Elevation (feet above mean sea level) — 27.89
Date: January 12, 2009
(Note: 1,300 feet was subtracted from each water level elevation to make them easier to compare.)

Water Level in Shallow Water Bearing Interval, Port 1

Normal Fault, existence and location uncertain, location concealed. Arrows indicate relative motion.

High angle fracture, provides pathway for vertical movement of groundawater. Shown for conceptual purposes.

Bedding Plane, weathered in saprolite layer

0 80
Horizontal Scale (feet)

0 80
Vertical Scale (feet)

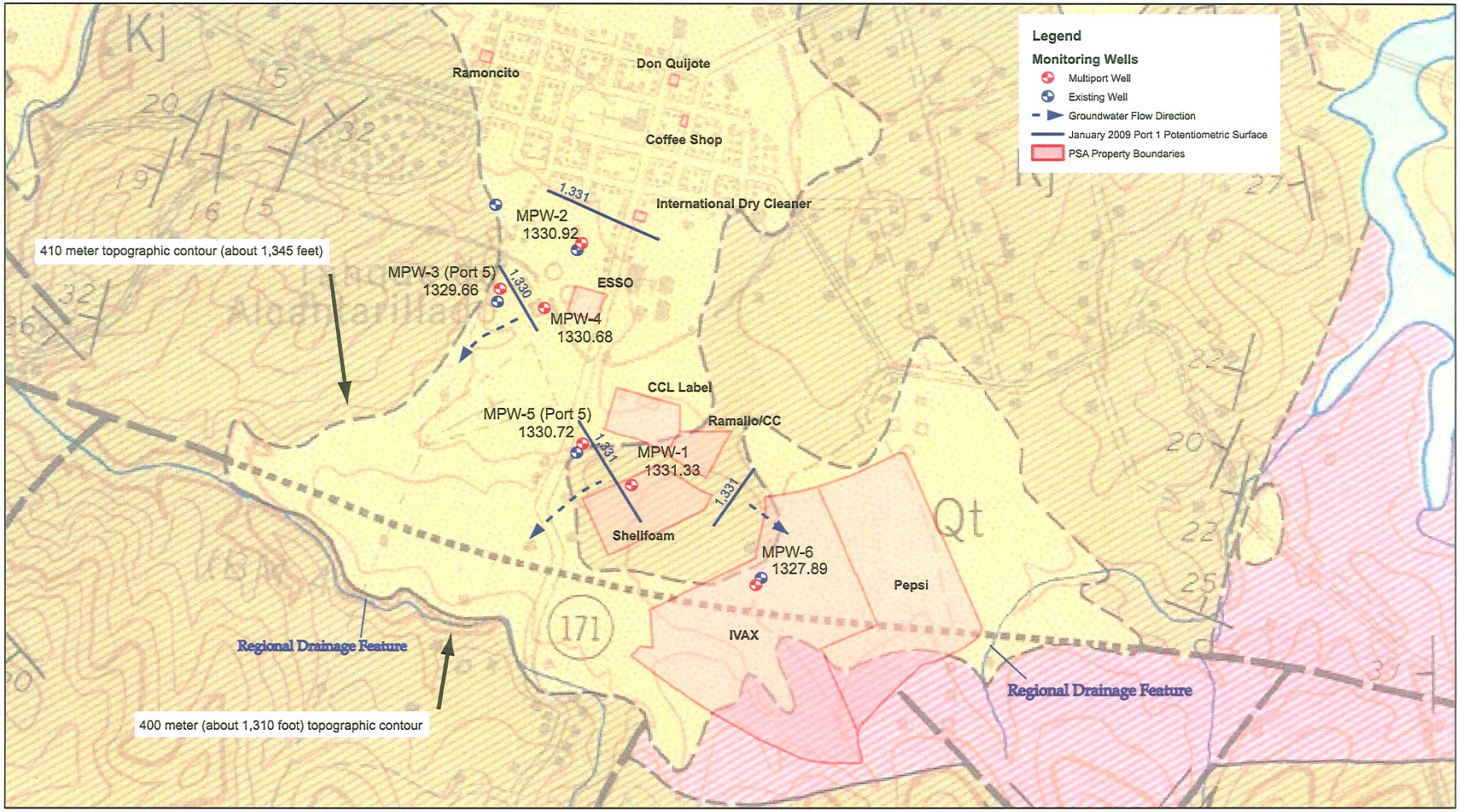
Vertical Exaggeration: 1x

Figure 2-4
Cross Section A-A'
January 12, 2009
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

CDM

STANDARD CROSS SECTION CIDRA.GPJ STANDARD_REGION_II_RAC_PROJECT.GDT 3/24/09 REV.

R2-0006133



CDM

400 200 0 400 Feet

N

Figure 2-7
Potentiometric Surface Map
Port 1, January 12, 2009
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

R2-0006134

Appendix D

Analytical Data Tables

CDM

CCL Label Soil Borings

Volatile Organics

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-11-A 4/23/2010 0 to 4 ft		CCSB-11-B 4/23/2010 4 to 8 ft		CCSB-11-C 4/23/2010 8 to 12 ft		CCSB-11-D 4/23/2010 20 to 24 ft		CCSB-11-F 4/23/2010 44 to 48 ft		CCSB-11-G 4/23/2010 56 to 60 ft		CCSB-12-A 4/23/2010 0 to 4 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
67-64-1	Acetone	VOA-S	ug/Kg	12	U	12	U	250		16	U	15	U	15		12	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6	U	5.8	U	11		7.8	U	7.5	U	6.6	U	6.2	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6	U	5.8	U	3.3	J	7.8	U	7.5	U	6.6	U	6.2	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	12	U	37		16	U	15	U	13	U	12	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
67-66-3	Chloroform	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
71-43-2	Benzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	120	R	130	R	160	R	150	R	130	R	120	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.4	U	2.3	U	2.6	U	3.1	U	3	U	2.7	U	2.5	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	12	U	13	U	16	U	15	U	13	U	12	U
108-88-3	Toluene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.4	U	2.3	U	2.6	U	3.1	U	3	U	2.7	U	2.5	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	12	U	13	U	16	U	15	U	13	U	12	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-11-A		CCSB-11-B		CCSB-11-C		CCSB-11-D		CCSB-11-F		CCSB-11-G		CCSB-12-A	
			Sample Name														
			Sample Date	4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
100-42-5	Styrene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.4	U	2.3	U	2.6	U	3.1	U	3	U	2.7	U	2.5	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6	U	5.8	U	6.4	U	7.8	U	7.5	U	6.6	U	6.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-12-B 4/23/2010 4 to 8 ft		CCSB-12-C 4/23/2010 8 to 12 ft		CCSB-12-C-DUP CCSB-012-C 4/23/2010 8 to 12 ft		CCSB-12-D 4/23/2010 20 to 24 ft		CCSB-12-E 4/23/2010 32 to 36 ft		CCSB-12-F 4/23/2010 44 to 48 ft		CCSB-13-A 4/26/2010 0 to 4 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
67-64-1	Acetone	VOA-S	ug/Kg	12	U	3.8	J	14		3.5	J	16	U	9.3	J	8.7	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	10	U	12	U	11	U	16	U	15	U	12	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
71-43-2	Benzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	100	R	120	R	110	R	160	R	150	R	120	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.1	U	2.3	U	2.2	U	3.2	U	3	U	2.5	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	10	U	12	U	11	U	16	U	15	U	12	U
108-88-3	Toluene	VOA-S	ug/Kg	6.2	U	5.2	U	67		5.6	U	7.9	U	7.5	U	6.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.1	U	2.3	U	2.2	U	3.2	U	3	U	2.5	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	10	U	12	U	11	U	16	U	15	U	12	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-12-B		CCSB-12-C		CCSB-12-C-DUP		CCSB-12-D		CCSB-12-E		CCSB-12-F		CCSB-13-A	
			Sample Name					CCSB-012-C									
			Sample Date	4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
100-42-5	Styrene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.5	U	2.1	U	2.3	U	2.2	U	3.2	U	3	U	2.5	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	5.2	U	5.8	U	5.6	U	7.9	U	7.5	U	6.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-13-B 4/26/2010 4 to 8 ft		CCSB-13-C 4/26/2010 8 to 12 ft		CCSB-13-D 4/26/2010 20 to 24 ft		CCSB-13-E 4/26/2010 32 to 36 ft		CCSB-13-F 4/26/2010 44 to 48 ft		CCSB-14-A 4/26/2010 0 to 4 ft		CCSB-14-B 4/26/2010 4 to 8 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
74-87-3	Chloromethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
74-83-9	Bromomethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-00-3	Chloroethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
67-64-1	Acetone	VOA-S	ug/Kg	12	U	24		14	U	13	U	12	U	13	U	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	5.8	U	0.44	J	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	1.1	J	11		6.4	U	7.1	U
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	11	U	14	U	13	U	12	U	13	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
67-66-3	Chloroform	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
71-43-2	Benzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	110	R	140	R	130	R	120	R	130	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	1.5	J	6.4	U	7.1	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.3	U	2.1	U	2.9	U	2.6	U	2.3	U	2.5	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	11	U	14	U	13	U	12	U	13	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.3	U	2.1	U	2.9	U	2.6	U	2.3	U	2.5	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	1.2	J	6.1		6.4	U	7.1	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	11	U	14	U	13	U	12	U	13	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-13-B		CCSB-13-C		CCSB-13-D		CCSB-13-E		CCSB-13-F		CCSB-14-A		CCSB-14-B	
			Sample Name														
			Sample Date	4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
95-47-6	o-Xylene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
100-42-5	Styrene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
75-25-2	Bromoform	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.3	U	2.1	U	2.9	U	2.6	U	2.3	U	2.5	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	5.8	U	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	CCSB-14-C 4/26/2010 8 to 12 ft		CCSB-14-C-DUP CCSB-014-C 4/26/2010 8 to 12 ft		CCSB-14-D 4/26/2010 20 to 24 ft		CCSB-14-E 4/26/2010 32 to 36 ft		CCSB-14-F 4/26/2010 44 to 48 ft		CCSB-14-G 4/26/2010 56 to 60 ft		CCSB-15-A 4/27/2010 0 to 4 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
67-64-1	Acetone	VOA-S	ug/Kg	7.7	J	14	U	14	U	14	U	15	U	11	U	13	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	14	U	14	U	14	U	15	U	11	U	13	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
71-43-2	Benzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	140	R	140	R	140	R	150	R	110	R	130	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	2.9	U	2.7	U	2.8	U	3	U	2.2	U	2.5	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	14	U	14	U	14	U	15	U	11	U	13	U
108-88-3	Toluene	VOA-S	ug/Kg	49		7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	2.9	U	2.7	U	2.8	U	3	U	2.2	U	2.5	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	14	U	14	U	14	U	15	U	11	U	13	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-14-C		CCSB-14-C-DUP		CCSB-14-D		CCSB-14-E		CCSB-14-F		CCSB-14-G		CCSB-15-A	
			Sample Name			CCSB-014-C											
			Sample Date	4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	1.3	J	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
100-42-5	Styrene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.7	U	2.9	U	2.7	U	2.8	U	3	U	2.2	U	2.5	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.8	U	7.1	U	6.8	U	6.9	U	7.4	U	5.4	U	6.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-15-B 4/27/2010 4 to 8 ft		CCSB-15-C 4/27/2010 8 to 12 ft		CCSB-15-D 4/27/2010 20 to 24 ft		CCSB-15-E 4/27/2010 32 to 36 ft		CCSB-15-F 4/27/2010 44 to 48 ft		CCSB-15-G 4/27/2010 56 to 60 ft		CCSB-15-H 4/27/2010 68 to 72 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
67-64-1	Acetone	VOA-S	ug/Kg	14	U	5.4	J	15	U	17	U	15	U	16	U	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	15	U	15	U	17	U	15	U	16	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
71-43-2	Benzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	150	R	150	R	170	R	150	R	160	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.9	U	3.1	U	3	U	3.3	U	3.1	U	3.2	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	15	U	15	U	17	U	15	U	16	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	7.2	U	87		7.4	U	8.3	U	7.7	U	7.9	U	7	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.9	U	3.1	U	3	U	3.3	U	3.1	U	3.2	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	15	U	15	U	17	U	15	U	16	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-15-B		CCSB-15-C		CCSB-15-D		CCSB-15-E		CCSB-15-F		CCSB-15-G		CCSB-15-H	
			Sample Name														
			Sample Date	4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.9	U	3.1	U	3	U	3.3	U	3.1	U	3.2	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.2	U	7.7	U	7.4	U	8.3	U	7.7	U	7.9	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-16-A 4/27/2010 0 to 4 ft		CCSB-16-B 4/27/2010 4 to 8 ft		CCSB-16-C 4/27/2010 8 to 12 ft		CCSB-16-C-DUP CCSB-016-C 4/27/2010 8 to 12 ft		CCSB-16-D 4/27/2010 20 to 24 ft		CCSB-16-E 4/27/2010 32 to 36 ft		CCSB-16-F 4/27/2010 44 to 48 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
67-64-1	Acetone	VOA-S	ug/Kg	14	U	9.3	J	16	J	8.9	J	9.7	J	16	U	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	14	U	17	U	15	U	17	U	16	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
71-43-2	Benzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	140	R	170	R	150	R	170	R	160	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.9	U	2.7	U	3.4	U	3	U	3.4	U	3.1	U	2.9	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	14	U	17	U	15	U	17	U	16	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	14		64		33		35		190		7.8	U	7.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.9	U	2.7	U	3.4	U	3	U	3.4	U	3.1	U	2.9	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	14	U	17	U	15	U	17	U	16	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-16-A		CCSB-16-B		CCSB-16-C		CCSB-16-C-DUP		CCSB-16-D		CCSB-16-E		CCSB-16-F	
			Sample Name							CCSB-016-C							
			Sample Date	4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
100-42-5	Styrene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.9	U	2.7	U	3.4	U	3	U	3.4	U	3.1	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U	7.8	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-16-G 4/27/2010 56 to 60 ft		CCSB-16-H 4/27/2010 68 to 72 ft		CCSB-17-A 4/28/2010 0 to 4 ft		CCSB-17-B 4/28/2010 4 to 8 ft		CCSB-17-C 4/28/2010 8 to 12 ft		CCSB-17-D 4/28/2010 20 to 24 ft		CCSB-17-E 4/28/2010 32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
67-64-1	Acetone	VOA-S	ug/Kg	13	U	13	U	45		8.5	J	15		11	J	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.4	U	9.8		6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	13	U	3.3	J	13	U	14	U	17	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
71-43-2	Benzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	130	R	120	R	130	R	140	R	170	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.4	U	5.9	J	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.6	U	2.6	U	2.5	U	2.7	U	2.9	U	3.3	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	13	U	12	U	13	U	14	U	17	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	6.4	U	6.4	U	150	J	180		240		120		7.1	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.6	U	2.6	U	2.5	U	2.7	U	2.9	U	3.3	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.4	U	32		6.2	U	6.7	U	0.61	J	0.95	J	7.1	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	13	U	12	U	13	U	14	U	17	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-16-G		CCSB-16-H		CCSB-17-A		CCSB-17-B		CCSB-17-C		CCSB-17-D		CCSB-17-E	
			Sample Name														
			Sample Date	4/27/2010		4/27/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	1.1	J	1.2	J	7.1	U
100-42-5	Styrene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.6	U	2.6	U	2.5	U	2.7	U	2.9	U	3.3	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.4	U	6.4	U	6.2	U	6.7	U	7.2	U	8.3	U	7.1	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.4	U			6.2	U	6.7	U	7.2	U	8.3	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CCSB-17-F 4/28/2010 44 to 48 ft		CCSB-17-G 4/28/2010 56 to 60 ft		CCSB-17-H 4/28/2010 68 to 72 ft		CCSB-18-A 4/28/2010 0 to 4 ft		CCSB-18-B 4/28/2010 4 to 8 ft		CCSB-18-C 4/28/2010 8 to 12 ft		CCSB-18-D 4/28/2010 20 to 24 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
67-64-1	Acetone	VOA-S	ug/Kg	4.7	J	15	U	13	U	24		20		220		35	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	5.1	J	7.3	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	0.56	J	6.9	U	2.1	J
78-93-3	2-Butanone	VOA-S	ug/Kg	15	U	15	U	13	U	13	U	12	U	25		15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
71-43-2	Benzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	150	R	150	R	130	R	130	R	120	R	140	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	3.4	J	6.9	U	7.3	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	3.1	U	2.9	U	2.7	U	2.6	U	2.3	U	2.8	U	2.9	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	15	U	15	U	13	U	13	U	12	U	14	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	200		76		130		210	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	3.1	U	2.9	U	2.7	U	2.6	U	2.3	U	2.8	U	2.9	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	8		6.9	U	2.6	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	15	U	15	U	13	U	13	U	12	U	14	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-17-F		CCSB-17-G		CCSB-17-H		CCSB-18-A		CCSB-18-B		CCSB-18-C		CCSB-18-D	
			Sample Name														
			Sample Date	4/28/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
100-42-5	Styrene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3.1	U	2.9	U	2.7	U	2.6	U	2.3	U	2.8	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.6	U	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U	7.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-18-E		CCSB-18-F		CCSB-18-G		CCSB-18-H	
			Sample Name								
			Sample Date	4/28/2010		4/28/2010		4/28/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
(Group Code)	**(Group Description)**										
1-voa-s	**Volatile Organic Compounds**										
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
74-87-3	Chloromethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
74-83-9	Bromomethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-00-3	Chloroethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
67-64-1	Acetone	VOA-S	ug/Kg	17	U	13	U	14	U	12	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	3.8	J	81		53		180	
78-93-3	2-Butanone	VOA-S	ug/Kg	17	U	13	U	14	U	12	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
67-66-3	Chloroform	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
71-43-2	Benzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	170	R	130	R	140	R	120	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	0.67	J	8.2		5.6	J	20	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	3.3	U	2.7	U	2.7	U	2.4	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	17	U	13	U	14	U	12	U
108-88-3	Toluene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	3.3	U	2.7	U	2.7	U	2.4	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	2.4	J	23		19		60	
591-78-6	2-Hexanone	VOA-S	ug/Kg	17	U	13	U	14	U	12	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL SOIL BORINGS - VOLATILE ORGANICS

			Sample Code	CCSB-18-E		CCSB-18-F		CCSB-18-G		CCSB-18-H	
			Sample Name								
			Sample Date	4/28/2010		4/28/2010		4/28/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
100-42-5	Styrene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
75-25-2	Bromoform	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3.3	U	2.7	U	2.7	U	2.4	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	8.3	U	6.7	U	6.8	U	6	U

CCL Label Soil Borings

Wet Chemistry

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-11-A	CCSB-11-B	CCSB-11-C	CCSB-11-D	CCSB-11-F	CCSB-11-G	CCSB-12-A	CCSB-12-B
			Sample Name								
			Sample Date	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	44 to 48 ft	56 to 60 ft	0 to 4 ft	4 to 8 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%								
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%								
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%								
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%								
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%								
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%								
Silt	% SILT	ASTM-D421	%								
Clay	% CLAY & COLLOIDS	ASTM-D421	%								
PH	pH	SW9045C	s.u.		7.18		5.25				
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		17660		2352				

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-12-C	CCSB-12-C-DUP	CCSB-12-D	CCSB-12-E	CCSB-12-F	CCSB-13-A	CCSB-13-B
			Sample Name		CCSB-012-C					
			Sample Date	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/26/2010	4/26/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	0 to 4 ft	4 to 8 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.	6				7.33		6.27
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	15980				2402		2475

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-13-C	CCSB-13-D	CCSB-13-E	CCSB-13-F	CCSB-14-A	CCSB-14-B	CCSB-14-C
			Sample Name							
			Sample Date	4/26/2010	4/26/2010	4/26/2010	4/26/2010	4/26/2010	4/26/2010	4/26/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.				5.62			5.72
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				5316			3348

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-14-C-DUP	CCSB-14-D	CCSB-14-E	CCSB-14-F	CCSB-14-G	CCSB-15-A	CCSB-15-B
			Sample Name	CCSB-014-C						
			Sample Date	4/26/2010	4/26/2010	4/26/2010	4/26/2010	4/26/2010	4/27/2010	4/27/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	0 to 4 ft	4 to 8 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.				5.21			5.68
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				3322			3946

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-15-C	CCSB-15-D	CCSB-15-E	CCSB-15-F	CCSB-15-G	CCSB-15-H	CCSB-16-A	CCSB-16-B
			Sample Name								
			Sample Date	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft	0 to 4 ft	4 to 8 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%								
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%								
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%								
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%								
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%								
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%								
Silt	% SILT	ASTM-D421	%								
Clay	% CLAY & COLLOIDS	ASTM-D421	%								
PH	pH	SW9045C	s.u.				5.21				5.29
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				3673				5087

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-16-C	CCSB-16-C-DUP	CCSB-16-D	CCSB-16-E	CCSB-16-F	CCSB-16-G	CCSB-16-H
			Sample Name		CCSB-016-C					
			Sample Date	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010	4/27/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.					5.6		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg					2027		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-17-A	CCSB-17-B	CCSB-17-C	CCSB-17-D	CCSB-17-E	CCSB-17-F	CCSB-17-G	CCSB-17-H
			Sample Name								
			Sample Date	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%								
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%								
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%								
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%								
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%								
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%								
Silt	% SILT	ASTM-D421	%								
Clay	% CLAY & COLLOIDS	ASTM-D421	%								
PH	pH	SW9045C	s.u.		5.62			5.38			
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		3530			2462			

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-18-A	CCSB-18-B	CCSB-18-C	CCSB-18-D	CCSB-18-D-DUP	CCSB-18-E	CCSB-18-F
			Sample Name					CC-SB018D		
			Sample Date	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010	4/28/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	to	32 to 36 ft	44 to 48 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.		7.11		5.09	4.99		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		2861		10880	3671		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CC LABEL SOIL BORINGS - WET CHEMISTRY

			Sample Code	CCSB-18-G	CCSB-18-H
			Sample Name		
			Sample Date	4/28/2010	4/28/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft	68 to 72 ft
(Group Code)	**(Group Description)**				
Wetchem-S	**Additional Parameters**				
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%		
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%		
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%		
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%		
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%		
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%		
Silt	% SILT	ASTM-D421	%		
Clay	% CLAY & COLLOIDS	ASTM-D421	%		
PH	pH	SW9045C	s.u.		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		

CCL Label Soil Borings

Volatile Organic Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-11-A 4/23/2010 0 to 4 ft		CCSB-11-B 4/23/2010 4 to 8 ft		CCSB-11-C 4/23/2010 8 to 12 ft			CCSB-11-D 4/23/2010 20 to 24 ft		CCSB-11-F 4/23/2010 44 to 48 ft	
(Group Code)	**(Group Description)**														
1-voa-s	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6	U	5.8	U	6.4	U		7.8	U	7.5	U
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6	U	5.8	U	6.4	U		7.8	U	7.5	U
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6	U	5.8	U	6.4	U		7.8	U	7.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
67-64-1	Acetone	VOA-S	ug/Kg	16000	12	U	12	U	250		#	16	U	15	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6	U	5.8	U	11		#	7.8	U	7.5	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6	U	5.8	U	3.3	J	~	7.8	U	7.5	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6	U	5.8	U	6.4	U		7.8	U	7.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6	U	5.8	U	6.4	U		7.8	U	7.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6	U	5.8	U	6.4	U		7.8	U	7.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6	U	5.8	U	6.4	U		7.8	U	7.5	U
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	12	U	12	U	37		~	16	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
67-66-3	Chloroform	VOA-S	ug/Kg	600	6	U	5.8	U	6.4	U		7.8	U	7.5	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6	U	5.8	U	6.4	U		7.8	U	7.5	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6	U	5.8	U	6.4	U		7.8	U	7.5	U
71-43-2	Benzene	VOA-S	ug/Kg	30	6	U	5.8	U	6.4	U		7.8	U	7.5	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6	U	5.8	U	6.4	U		7.8	U	7.5	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R	120	R	130	R		160	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6	U	5.8	U	6.4	U		7.8	U	7.5	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U		7.8	U	7.5	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6	U	5.8	U	6.4	U		7.8	U	7.5	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6	U	5.8	U	6.4	U		7.8	U	7.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.4	U	2.3	U	2.6	U		3.1	U	3	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U	12	U	13	U		16	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	12000	6	U	5.8	U	6.4	U		7.8	U	7.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.4	U	2.3	U	2.6	U		3.1	U	3	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6	U	5.8	U	6.4	U		7.8	U	7.5	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6	U	5.8	U	6.4	U		7.8	U	7.5	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U	12	U	13	U		16	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6	U	5.8	U	6.4	U		7.8	U	7.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-11-A		CCSB-11-B		CCSB-11-C		CCSB-11-D		CCSB-11-F	
			Sample Name											
			Sample Date	STANDARD - SD	4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U	7.8	U	7.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U	7.8	U	7.5	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6	U	5.8	U	6.4	U	7.8	U	7.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U	7.8	U	7.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.4	U	2.3	U	2.6	U	3.1	U	3	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U	7.8	U	7.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U	7.8	U	7.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6	U	5.8	U	6.4	U	7.8	U	7.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6	U	5.8	U	6.4	U	7.8	U	7.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-11-G 4/23/2010 56 to 60 ft			CCSB-12-A 4/23/2010 0 to 4 ft			CCSB-12-B 4/23/2010 4 to 8 ft			CCSB-12-C 4/23/2010 8 to 12 ft			CCSB-12-C-DUP CCSB-012-C 4/23/2010 8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	15		#	12	J	#	12	U		3.8	J	#	14		#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		12	U		12	U		10	U		12	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		120	R		120	R		100	R		120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.5	U		2.5	U		2.1	U		2.3	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		12	U		12	U		10	U		12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.6	U		6.2	U		6.2	U		5.2	U		67		#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.5	U		2.5	U		2.1	U		2.3	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		12	U		12	U		10	U		12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.6	U		6.2	U		6.2	U		5.2	U		5.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-11-G		CCSB-12-A		CCSB-12-B		CCSB-12-C		CCSB-12-C-DUP	
			Sample Name										CCSB-012-C	
			Sample Date	STANDARD - SD	4/23/2010		4/23/2010		4/23/2010		4/23/2010		4/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U	2.5	U	2.5	U	2.1	U	2.3	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.6	U	6.2	U	6.2	U	5.2	U	5.8	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-12-D			CCSB-12-E			CCSB-12-F			CCSB-13-A			CCSB-13-B		
			Sample Name																
			Sample Date	STANDARD - SD	4/23/2010			4/23/2010			4/23/2010			4/26/2010			4/26/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft			32 to 36 ft			44 to 48 ft			0 to 4 ft			4 to 8 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	3.5	J	#	16	U		9.3	J	#	8.7	J	#	12	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	11	U		16	U		15	U		12	U		12	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	110	R		160	R		150	R		120	R		120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.2	U		3.2	U		3	U		2.5	U		2.3	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	11	U		16	U		15	U		12	U		12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.2	U		3.2	U		3	U		2.5	U		2.3	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	11	U		16	U		15	U		12	U		12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	5.6	U		7.9	U		7.5	U		6.2	U		5.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-12-D		CCSB-12-E		CCSB-12-F		CCSB-13-A		CCSB-13-B	
			Sample Name											
			Sample Date	STANDARD - SD	4/23/2010		4/23/2010		4/23/2010		4/26/2010		4/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.2	U	3.2	U	3	U	2.5	U	2.3	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	5.6	U	7.9	U	7.5	U	6.2	U	5.8	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-13-C 4/26/2010 8 to 12 ft			CCSB-13-D 4/26/2010 20 to 24 ft			CCSB-13-E 4/26/2010 32 to 36 ft			CCSB-13-F 4/26/2010 44 to 48 ft			CCSB-14-A 4/26/2010 0 to 4 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	24		#	14	U		13	U		12	U		13	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	0.44	J	#	7.2	U		6.6	U		5.8	U		6.4	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	5.3	U		7.2	U		1.1	J	#	11		#	6.4	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	11	U		14	U		13	U		12	U		13	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	110	R		140	R		130	R		120	R		130	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	5.3	U		7.2	U		6.6	U		1.5	J	#	6.4	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.1	U		2.9	U		2.6	U		2.3	U		2.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	11	U		14	U		13	U		12	U		13	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.1	U		2.9	U		2.6	U		2.3	U		2.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.3	U		7.2	U		1.2	J	#	6.1		#	6.4	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	11	U		14	U		13	U		12	U		13	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	5.3	U		7.2	U		6.6	U		5.8	U		6.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-13-C		CCSB-13-D		CCSB-13-E		CCSB-13-F		CCSB-14-A	
			Sample Name											
			Sample Date	STANDARD - SD	4/26/2010		4/26/2010		4/26/2010		4/26/2010		4/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.1	U	2.9	U	2.6	U	2.3	U	2.5	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	5.3	U	7.2	U	6.6	U	5.8	U	6.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-14-B 4/26/2010 4 to 8 ft			CCSB-14-C 4/26/2010 8 to 12 ft			CCSB-14-C-DUP CCSB-014-C 4/26/2010 8 to 12 ft			CCSB-14-D 4/26/2010 20 to 24 ft			CCSB-14-E 4/26/2010 32 to 36 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		7.7	J	#	14	U		14	U		14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		14	U		14	U		14	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		140	R		140	R		140	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		2.7	U		2.9	U		2.7	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		14	U		14	U		14	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.1	U		49		#	7.1	U		6.8	U		6.9	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		2.7	U		2.9	U		2.7	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		14	U		14	U		14	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-14-B			CCSB-14-C			CCSB-14-C-DUP			CCSB-14-D			CCSB-14-E		
			Sample Name								CCSB-014-C								
			Sample Date	STANDARD - SD	4/26/2010			4/26/2010			4/26/2010			4/26/2010			4/26/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft			32 to 36 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.1	U		1.3	J	~	7.1	U		6.8	U		6.9	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.8	U		2.7	U		2.9	U		2.7	U		2.8	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.1	U		6.8	U		7.1	U		6.8	U		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-14-F		CCSB-14-G		CCSB-15-A		CCSB-15-B		CCSB-15-C		
			Sample Name												
			Sample Date	STANDARD - SD	4/26/2010		4/26/2010		4/27/2010		4/27/2010		4/27/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		
(Group Code)	**(Group Description)**														
1-voa-s	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	15	U	11	U	13	U	14	U	5.4	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U	11	U	13	U	14	U	15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R	110	R	130	R	140	R	150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U	2.2	U	2.5	U	2.9	U	3.1	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U	11	U	13	U	14	U	15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.4	U	5.4	U	6.3	U	7.2	U	87		#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U	2.2	U	2.5	U	2.9	U	3.1	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U	11	U	13	U	14	U	15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-14-F		CCSB-14-G		CCSB-15-A		CCSB-15-B		CCSB-15-C	
			Sample Name											
			Sample Date	STANDARD - SD	4/26/2010		4/26/2010		4/27/2010		4/27/2010		4/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3	U	2.2	U	2.5	U	2.9	U	3.1	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	5.4	U	6.3	U	7.2	U	7.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-15-D 4/27/2010 20 to 24 ft		CCSB-15-E 4/27/2010 32 to 36 ft		CCSB-15-F 4/27/2010 44 to 48 ft		CCSB-15-G 4/27/2010 56 to 60 ft		CCSB-15-H 4/27/2010 68 to 72 ft	
(Group Code)	**(Group Description)**													
1-voa-s	**Volatile Organic Compounds**													
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.4	U	8.3	U	7.7	U	7.9	U	7	U
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.4	U	8.3	U	7.7	U	7.9	U	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
67-64-1	Acetone	VOA-S	ug/Kg	16000	15	U	17	U	15	U	16	U	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.4	U	8.3	U	7.7	U	7.9	U	7	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.4	U	8.3	U	7.7	U	7.9	U	7	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.4	U	8.3	U	7.7	U	7.9	U	7	U
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U	17	U	15	U	16	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.4	U	8.3	U	7.7	U	7.9	U	7	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.4	U	8.3	U	7.7	U	7.9	U	7	U
71-43-2	Benzene	VOA-S	ug/Kg	30	7.4	U	8.3	U	7.7	U	7.9	U	7	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.4	U	8.3	U	7.7	U	7.9	U	7	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R	170	R	150	R	160	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.4	U	8.3	U	7.7	U	7.9	U	7	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.4	U	8.3	U	7.7	U	7.9	U	7	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U	3.3	U	3.1	U	3.2	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U	17	U	15	U	16	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U	3.3	U	3.1	U	3.2	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.4	U	8.3	U	7.7	U	7.9	U	7	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.4	U	8.3	U	7.7	U	7.9	U	7	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U	17	U	15	U	16	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.4	U	8.3	U	7.7	U	7.9	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-15-D		CCSB-15-E		CCSB-15-F		CCSB-15-G		CCSB-15-H	
			Sample Name											
			Sample Date	STANDARD - SD	4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.4	U	8.3	U	7.7	U	7.9	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3	U	3.3	U	3.1	U	3.2	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.4	U	8.3	U	7.7	U	7.9	U	7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	8.3	U	7.7	U	7.9	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-16-A 4/27/2010 0 to 4 ft			CCSB-16-B 4/27/2010 4 to 8 ft			CCSB-16-C 4/27/2010 8 to 12 ft			CCSB-16-C-DUP CCSB-016-C 4/27/2010 8 to 12 ft			CCSB-16-D 4/27/2010 20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		9.3	J	#	16	J	#	8.9	J	#	9.7	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		14	U		17	U		15	U		17	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		140	R		170	R		150	R		170	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.7	U		3.4	U		3	U		3.4	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		14	U		17	U		15	U		17	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	14		#	64		#	33		#	35		#	190		#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.7	U		3.4	U		3	U		3.4	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		14	U		17	U		15	U		17	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.1	U		6.9	U		8.4	U		7.6	U		8.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-16-A		CCSB-16-B		CCSB-16-C		CCSB-16-C-DUP		CCSB-16-D	
			Sample Name								CCSB-016-C			
			Sample Date	STANDARD - SD	4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	2.7	U	3.4	U	3	U	3.4	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.1	U	6.9	U	8.4	U	7.6	U	8.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-16-E		CCSB-16-F		CCSB-16-G		CCSB-16-H		CCSB-17-A		
			Sample Name												
			Sample Date	STANDARD - SD	4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		
(Group Code)	**(Group Description)**														
1-voa-s	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	16	U	14	U	13	U	13	U	45		#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.8	U	7.2	U	6.4	U	9.8	#	6.2	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	16	U	14	U	13	U	13	U	3.3	J	~
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	160	R	140	R	130	R	130	R	120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.8	U	7.2	U	6.4	U	5.9	J #	6.2	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.1	U	2.9	U	2.6	U	2.6	U	2.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	16	U	14	U	13	U	13	U	12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.8	U	7.2	U	6.4	U	6.4	U	150	J	#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.1	U	2.9	U	2.6	U	2.6	U	2.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.8	U	7.2	U	6.4	U	32	#	6.2	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	16	U	14	U	13	U	13	U	12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-16-E		CCSB-16-F		CCSB-16-G		CCSB-16-H		CCSB-17-A	
			Sample Name											
			Sample Date	STANDARD - SD	4/27/2010		4/27/2010		4/27/2010		4/27/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3.1	U	2.9	U	2.6	U	2.6	U	2.5	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.8	U	7.2	U	6.4	U	6.4	U	6.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.8	U	7.2	U	6.4	U			6.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-17-B			CCSB-17-C			CCSB-17-D			CCSB-17-E			CCSB-17-F		
			Sample Name																
			Sample Date	STANDARD - SD	4/28/2010			4/28/2010			4/28/2010			4/28/2010			4/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	8.5	J	#	15		#	11	J	#	14	U		4.7	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		14	U		17	U		14	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		140	R		170	R		140	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.9	U		3.3	U		2.8	U		3.1	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		14	U		17	U		14	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	180		#	240		#	120		#	7.1	U		7.6	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.9	U		3.3	U		2.8	U		3.1	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.7	U		0.61	J	#	0.95	J	#	7.1	U		7.6	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		14	U		17	U		14	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-17-B			CCSB-17-C			CCSB-17-D			CCSB-17-E			CCSB-17-F		
			Sample Name																
			Sample Date	STANDARD - SD	4/28/2010			4/28/2010			4/28/2010			4/28/2010			4/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.7	U		1.1	J	~	1.2	J	~	7.1	U		7.6	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U		2.9	U		3.3	U		2.8	U		3.1	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U		7.2	U		8.3	U		7.1	U		7.6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-17-G			CCSB-17-H			CCSB-18-A			CCSB-18-B			CCSB-18-C		
			Sample Name																
			Sample Date	STANDARD - SD	4/28/2010			4/28/2010			4/28/2010			4/28/2010			4/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		56 to 60 ft			68 to 72 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	15	U		13	U		24		#	20		#	220		#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.3	U		6.7	U		6.6	U		5.8	U		5.1	J	#
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.3	U		6.7	U		6.6	U		0.56	J	#	6.9	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U		13	U		13	U		12	U		25		~
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		130	R		130	R		120	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.3	U		6.7	U		6.6	U		3.4	J	#	6.9	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.7	U		2.6	U		2.3	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		13	U		13	U		12	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.3	U		6.7	U		200		#	76		#	130		#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.7	U		2.6	U		2.3	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.3	U		6.7	U		6.6	U		8		#	6.9	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		13	U		13	U		12	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.3	U		6.7	U		6.6	U		5.8	U		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-17-G		CCSB-17-H		CCSB-18-A		CCSB-18-B		CCSB-18-C	
			Sample Name											
			Sample Date	STANDARD - SD	4/28/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	2.7	U	2.6	U	2.3	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.3	U	6.7	U	6.6	U	5.8	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	CCSB-18-D 4/28/2010 20 to 24 ft			CCSB-18-E 4/28/2010 32 to 36 ft			CCSB-18-F 4/28/2010 44 to 48 ft			CCSB-18-G 4/28/2010 56 to 60 ft			CCSB-18-H 4/28/2010 68 to 72 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	35		#	17	U		13	U		14	U		12	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	2.1	J	#	3.8	J	#	81		#	53		#	180		#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U		17	U		13	U		14	U		12	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		170	R		130	R		140	R		120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.3	U		0.67	J	#	8.2		#	5.6	J	#	20		#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		3.3	U		2.7	U		2.7	U		2.4	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		17	U		13	U		14	U		12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	210		#	8.3	U		6.7	U		6.8	U		6	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		3.3	U		2.7	U		2.7	U		2.4	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.3	U		8.3	U		6.7	U		6.8	U		6	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	2.6	J	#	2.4	J	#	23		#	19		#	60		#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		17	U		13	U		14	U		12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.3	U		8.3	U		6.7	U		6.8	U		6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
CCL LABEL - VOLATILE ORGANIC-EXCEEDANCES

			Sample Code	EPA-SSLs	CCSB-18-D		CCSB-18-E		CCSB-18-F		CCSB-18-G		CCSB-18-H	
			Sample Name											
			Sample Date	STANDARD - SD	4/28/2010		4/28/2010		4/28/2010		4/28/2010		4/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.3	U	8.3	U	6.7	U	6.8	U	6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.3	U	8.3	U	6.7	U	6.8	U	6	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.3	U	8.3	U	6.7	U	6.8	U	6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.3	U	8.3	U	6.7	U	6.8	U	6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	3.3	U	2.7	U	2.7	U	2.4	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.3	U	8.3	U	6.7	U	6.8	U	6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.3	U	8.3	U	6.7	U	6.8	U	6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.3	U	8.3	U	6.7	U	6.8	U	6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.3	U	8.3	U	6.7	U	6.8	U	6	U

DJ Manufacturing Soil Borings

Wet Chemistry

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - WET CHEMISTRY

			Sample Code	DJSB-01-A	DJSB-01-B	DJSB-01-C	DJSB-01-C-DUP	DJSB-02-A	DJSB-02-B	DJSB-02-C
			Sample Name				DJSB-001-C			
			Sample Date	5/13/2010	5/13/2010	5/13/2010	5/13/2010	5/14/2010	5/14/2010	5/14/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	8 to 12 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.			7.1				5.76
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			1490				2190

CDM

R2-0006191

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - WET CHEMISTRY

			Sample Code	DJSB-02-C-DUP	DJSB-02-D	DJSB-02-E	DJSB-03-A	DJSB-03-B	DJSB-03-C	DJSB-03-D
			Sample Name	DJ-SB002-C						
			Sample Date	5/14/2010	5/14/2010	5/14/2010	5/14/2010	5/14/2010	5/14/2010	5/17/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	20 to 24 ft	to	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.	5.76		6.22			6.48	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			2420			1070	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - WET CHEMISTRY

			Sample Code	DJSB-03-E	DJSB-03-F	DJSB-04-A	DJSB-04-B	DJSB-04-C	DJSB-04-D	DJSB-04-E	DJSB-05-A
			Sample Name								
			Sample Date	5/17/2010	5/17/2010	5/18/2010	5/18/2010	5/18/2010	5/18/2010	5/18/2010	5/18/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft	to	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.	7.44				7.24		7.43	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	1140				2660		1100	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - WET CHEMISTRY

			Sample Code	DJSB-05-B	DJSB-05-C	DJSB-05-D	DJSB-05-E	DJSB-05-F
			Sample Name					
			Sample Date	5/18/2010	5/18/2010	5/19/2010	5/19/2010	5/19/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft
(Group Code)	**(Group Description)**							
Wetchem-S	**Additional Parameters**							
PH	pH	SW9045C	s.u.		7.66		7.78	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		1250		1770	

DJ Manufacturing Soil Borings

Volatile Organic Compounds

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-01-A		DJSB-01-B		DJSB-01-C		DJSB-01-C-DUP		DJSB-02-A		DJSB-02-B		DJSB-02-C	
			Sample Name							DJSB-001-C							
			Sample Date	5/13/2010		5/13/2010		5/13/2010		5/13/2010		5/14/2010		5/14/2010		5/14/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
74-87-3	Chloromethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
74-83-9	Bromomethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-00-3	Chloroethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
67-64-1	Acetone	VOA-S	ug/Kg	4	J	12	U	11	U	11	U	150		7.7	J	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
78-93-3	2-Butanone	VOA-S	ug/Kg	9.7	U	12	U	11	U	11	U	14	U	13	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
67-66-3	Chloroform	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
71-43-2	Benzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	97	R	120	R	110	R	110	R	140	R	130	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	1.9	U	2.4	U	2.1	U	2.1	U	2.9	U	2.6	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	9.7	U	12	U	11	U	11	U	14	U	13	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	1.9	U	2.4	U	2.1	U	2.1	U	2.9	U	2.6	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	0.48	J	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	9.7	U	12	U	11	U	11	U	14	U	13	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-01-A		DJSB-01-B		DJSB-01-C		DJSB-01-C-DUP		DJSB-02-A		DJSB-02-B		DJSB-02-C	
			Sample Name							DJSB-001-C							
			Sample Date	5/13/2010		5/13/2010		5/13/2010		5/13/2010		5/14/2010		5/14/2010		5/14/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
100-42-5	Styrene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	1.9	U	2.4	U	2.1	U	2.1	U	2.9	U	2.6	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	4.9	U	6	U	5.3	U	5.4	U	7.2	U	6.6	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-02-C-DUP		DJSB-02-D		DJSB-02-E		DJSB-03-A		DJSB-03-B		DJSB-03-C		DJSB-03-D	
			Sample Name	DJ-SB002-C													
			Sample Date	5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/17/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft		20 to 24 ft		to		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
67-64-1	Acetone	VOA-S	ug/Kg	6.8	J	12	U	9.5	U	14	U	9.8	J	11	U	11	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	12	U	9.5	U	14	U	13	U	11	U	11	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
71-43-2	Benzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	120	R	95	R	140	R	130	R	110	R	110	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.4	U	1.9	U	2.8	U	2.7	U	2.2	U	2.2	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	12	U	9.5	U	14	U	13	U	11	U	11	U
108-88-3	Toluene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.4	U	1.9	U	2.8	U	2.7	U	2.2	U	2.2	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	12	U	9.5	U	14	U	13	U	11	U	11	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-02-C-DUP		DJSB-02-D		DJSB-02-E		DJSB-03-A		DJSB-03-B		DJSB-03-C		DJSB-03-D	
			Sample Name	DJ-SB002-C													
			Sample Date	5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/17/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft		20 to 24 ft		to		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
100-42-5	Styrene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.5	U	2.4	U	1.9	U	2.8	U	2.7	U	2.2	U	2.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	6	U	4.7	U	6.9	U	6.7	U	5.6	U	5.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-03-E		DJSB-03-F		DJSB-04-A		DJSB-04-B		DJSB-04-C		DJSB-04-D		DJSB-04-E	
			Sample Name														
			Sample Date	5/17/2010		5/17/2010		5/18/2010		5/18/2010		5/18/2010		5/18/2010		5/18/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		to		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
67-64-1	Acetone	VOA-S	ug/Kg	12	U	11	U	34		13	U	13	U	9.6	U	8.8	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	11	U	6	J	13	U	13	U	9.6	U	8.8	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	0.54	J	6.6	U	4.8	U	4.4	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
71-43-2	Benzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	110	R	140	R	130	R	130	R	96	R	88	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.2	U	2.7	U	2.6	U	2.7	U	1.9	U	1.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	11	U	14	U	13	U	13	U	9.6	U	8.8	U
108-88-3	Toluene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.2	U	2.7	U	2.6	U	2.7	U	1.9	U	1.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	11	U	14	U	13	U	13	U	9.6	U	8.8	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-03-E		DJSB-03-F		DJSB-04-A		DJSB-04-B		DJSB-04-C		DJSB-04-D		DJSB-04-E	
			Sample Name														
			Sample Date	5/17/2010		5/17/2010		5/18/2010		5/18/2010		5/18/2010		5/18/2010		5/18/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		to		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	0.59	J	6.6	U	4.8	U	4.4	U
100-42-5	Styrene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.5	U	2.2	U	2.7	U	2.6	U	2.7	U	1.9	U	1.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.1	U	5.5	U	6.8	U	6.5	U	6.6	U	4.8	U	4.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-05-A		DJSB-05-B		DJSB-05-C		DJSB-05-D		DJSB-05-E		DJSB-05-F	
			Sample Name												
			Sample Date	5/18/2010		5/18/2010		5/18/2010		5/19/2010		5/19/2010		5/19/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
(Group Code)	**(Group Description)**														
1-voa-s	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
67-64-1	Acetone	VOA-S	ug/Kg	13	U	12	U	13	U	3.7	J	12	U	11	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	12	U	13	U	12	U	12	U	11	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
71-43-2	Benzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	120	R	130	R	120	R	120	R	110	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	1.2	J	1.3	J	1.5	J
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.6	U	2.3	U	2.7	U	6.2	U	6.1	U	5.4	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	12	U	13	U	12	U	12	U	11	U
108-88-3	Toluene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.6	U	2.3	U	2.7	U	6.2	U	6.1	U	5.4	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	12	U	13	U	12	U	12	U	11	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS -VOLATILE ORGANIC COMPOUNDS

			Sample Code	DJSB-05-A		DJSB-05-B		DJSB-05-C		DJSB-05-D		DJSB-05-E		DJSB-05-F	
			Sample Name												
			Sample Date	5/18/2010		5/18/2010		5/18/2010		5/19/2010		5/19/2010		5/19/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
100-42-5	Styrene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.6	U	2.3	U	2.7	U	6.2	U	6.1	U	5.4	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.6	U	5.8	U	6.6	U	6.2	U	6.1	U	5.4	U

DJ Manufacturing Soil Borings

Volatile Organic Compound Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-01-A			DJSB-01-B			DJSB-01-C			DJSB-01-C-DUP			DJSB-02-A		
			Sample Name											DJSB-001-C					
			Sample Date	STANDARD - SD	5/13/2010			5/13/2010			5/13/2010			5/13/2010			5/14/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft			0 to 4 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	4	J	#	12	U		11	U		11	U		150		#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	9.7	U		12	U		11	U		11	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	97	R		120	R		110	R		110	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1.9	U		2.4	U		2.1	U		2.1	U		2.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	9.7	U		12	U		11	U		11	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1.9	U		2.4	U		2.1	U		2.1	U		2.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	4.9	U		6	U		5.3	U		5.4	U		7.2	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	0.48	J	#	6	U		5.3	U		5.4	U		7.2	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	9.7	U		12	U		11	U		11	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	4.9	U		6	U		5.3	U		5.4	U		7.2	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-01-A		DJSB-01-B		DJSB-01-C		DJSB-01-C-DUP		DJSB-02-A	
			Sample Name								DJSB-001-C			
			Sample Date	STANDARD - SD	5/13/2010		5/13/2010		5/13/2010		5/13/2010		5/14/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	4.9	U	6	U	5.3	U	5.4	U	7.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	4.9	U	6	U	5.3	U	5.4	U	7.2	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	4.9	U	6	U	5.3	U	5.4	U	7.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	4.9	U	6	U	5.3	U	5.4	U	7.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	1.9	U	2.4	U	2.1	U	2.1	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	4.9	U	6	U	5.3	U	5.4	U	7.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	4.9	U	6	U	5.3	U	5.4	U	7.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	4.9	U	6	U	5.3	U	5.4	U	7.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	4.9	U	6	U	5.3	U	5.4	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-02-B			DJSB-02-C			DJSB-02-C-DUP			DJSB-02-D			DJSB-02-E		
			Sample Name								DJ-SB002-C								
			Sample Date	STANDARD - SD	5/14/2010			5/14/2010			5/14/2010			5/14/2010			5/14/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft			to		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	7.7	J	#	14	U		6.8	J	#	12	U		9.5	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		14	U		12	U		12	U		9.5	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		140	R		120	R		120	R		95	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.6	U		2.8	U		2.5	U		2.4	U		1.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		14	U		12	U		12	U		9.5	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.6	U		2.8	U		2.5	U		2.4	U		1.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.6	U		6.9	U		6.2	U		6	U		4.7	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		14	U		12	U		12	U		9.5	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.6	U		6.9	U		6.2	U		6	U		4.7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-02-B		DJSB-02-C		DJSB-02-C-DUP		DJSB-02-D		DJSB-02-E	
			Sample Name						DJ-SB002-C					
			Sample Date	STANDARD - SD	5/14/2010		5/14/2010		5/14/2010		5/14/2010		5/14/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		to	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.6	U	6.9	U	6.2	U	6	U	4.7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.6	U	6.9	U	6.2	U	6	U	4.7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.6	U	6.9	U	6.2	U	6	U	4.7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.6	U	6.9	U	6.2	U	6	U	4.7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.6	U	2.8	U	2.5	U	2.4	U	1.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.6	U	6.9	U	6.2	U	6	U	4.7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.6	U	6.9	U	6.2	U	6	U	4.7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.6	U	6.9	U	6.2	U	6	U	4.7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.6	U	6.9	U	6.2	U	6	U	4.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-03-A			DJSB-03-B			DJSB-03-C			DJSB-03-D			DJSB-03-E		
			Sample Name																
			Sample Date	STANDARD - SD	5/14/2010			5/14/2010			5/14/2010			5/17/2010			5/17/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft			32 to 36 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		9.8	J	#	11	U		11	U		12	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		13	U		11	U		11	U		12	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		130	R		110	R		110	R		120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		2.7	U		2.2	U		2.2	U		2.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		13	U		11	U		11	U		12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		2.7	U		2.2	U		2.2	U		2.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		13	U		11	U		11	U		12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.9	U		6.7	U		5.6	U		5.5	U		6.1	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-03-A		DJSB-03-B		DJSB-03-C		DJSB-03-D		DJSB-03-E	
			Sample Name											
			Sample Date	STANDARD - SD	5/14/2010		5/14/2010		5/14/2010		5/17/2010		5/17/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.8	U	2.7	U	2.2	U	2.2	U	2.5	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.9	U	6.7	U	5.6	U	5.5	U	6.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-03-F			DJSB-04-A			DJSB-04-B			DJSB-04-C			DJSB-04-D		
			Sample Name																
			Sample Date	STANDARD - SD	5/17/2010			5/18/2010			5/18/2010			5/18/2010			5/18/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to			0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	11	U		34		#	13	U		13	U		9.6	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	11	U		6	J	~	13	U		13	U		9.6	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		0.54	J	~	6.6	U		4.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	110	R		140	R		130	R		130	R		96	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.2	U		2.7	U		2.6	U		2.7	U		1.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	11	U		14	U		13	U		13	U		9.6	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.2	U		2.7	U		2.6	U		2.7	U		1.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	11	U		14	U		13	U		13	U		9.6	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-03-F			DJSB-04-A			DJSB-04-B			DJSB-04-C			DJSB-04-D		
			Sample Name																
			Sample Date	STANDARD - SD	5/17/2010			5/18/2010			5/18/2010			5/18/2010			5/18/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to			0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		0.59	J	~	6.6	U		4.8	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.2	U		2.7	U		2.6	U		2.7	U		1.9	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	5.5	U		6.8	U		6.5	U		6.6	U		4.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-04-E			DJSB-05-A			DJSB-05-B			DJSB-05-C			DJSB-05-D		
			Sample Name																
			Sample Date	STANDARD - SD	5/18/2010			5/18/2010			5/18/2010			5/18/2010			5/19/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	8.8	U		13	U		12	U		13	U		3.7	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	8.8	U		13	U		12	U		13	U		12	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	88	R		130	R		120	R		130	R		120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	4.4	U		6.6	U		5.8	U		6.6	U		1.2	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1.8	U		2.6	U		2.3	U		2.7	U		6.2	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	8.8	U		13	U		12	U		13	U		12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1.8	U		2.6	U		2.3	U		2.7	U		6.2	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	8.8	U		13	U		12	U		13	U		12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	4.4	U		6.6	U		5.8	U		6.6	U		6.2	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-04-E		DJSB-05-A		DJSB-05-B		DJSB-05-C		DJSB-05-D	
			Sample Name											
			Sample Date	STANDARD - SD	5/18/2010		5/18/2010		5/18/2010		5/18/2010		5/19/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	1.8	U	2.6	U	2.3	U	2.7	U	6.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	4.4	U	6.6	U	5.8	U	6.6	U	6.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	DJSB-05-E 5/19/2010 32 to 36 ft			DJSB-05-F 5/19/2010 44 to 48 ft		
(Group Code)	**(Group Description)**									
1-voa-s	**Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.1	U		5.4	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.1	U		5.4	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.1	U		5.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	12	U		11	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.1	U		5.4	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.1	U		5.4	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.1	U		5.4	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.1	U		5.4	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.1	U		5.4	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	12	U		11	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.1	U		5.4	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.1	U		5.4	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.1	U		5.4	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.1	U		5.4	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.1	U		5.4	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R		110	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.1	U		5.4	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.1	U		5.4	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	1.3	J	#	1.5	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U		11	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.1	U		5.4	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.1	U		5.4	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.1	U		5.4	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U		11	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.1	U		5.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
DJ MANUFACTURING SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	DJSB-05-E			DJSB-05-F		
			Sample Name							
			Sample Date	STANDARD - SD	5/19/2010			5/19/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			44 to 48 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.1	U		5.4	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.1	U		5.4	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.1	U		5.4	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.1	U		5.4	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.1	U		5.4	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	6.1	U		5.4	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.1	U		5.4	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.1	U		5.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.1	U		5.4	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.1	U		5.4	U	

ENCO Soil Borings

Wet Chemistry

CDM

CIDRA GROUDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ENSB-01-A	ENSB-01-B	ENSB-01-C	ENSB-01-C-DUP	ENSB-01-D	ENSB-01-E	ENSB-02-A
			Sample Name				ENSB-001-C			
			Sample Date	5/20/2010	5/20/2010	5/20/2010	5/20/2010	5/20/2010	5/24/2010	5/24/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	0 to 4 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.			6.28	6.3		6.81	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			17800			1970	

CIDRA GROUDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ENSB-02-B	ENSB-02-C	ENSB-02-C-DUP	ENSB-02-D	ENSB-02-E	ENSB-02-F	ENSB-02-G
			Sample Name			ENSB-002-C				
			Sample Date	5/24/2010	5/24/2010	5/24/2010	5/24/2010	5/24/2010	5/24/2010	5/24/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.		6.4				6.7	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		1800				1470	

CIDRA GROUDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ENSB-03-A	ENSB-03-B	ENSB-03-C	ENSB-03-D	ENSB-03-E	ENSB-03-F	ENSB-03-G	ENSB-04-A
			Sample Name								
			Sample Date	5/25/2010	5/25/2010	5/25/2010	5/25/2010	5/25/2010	5/25/2010	5/25/2010	5/25/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.			6				7.47	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			1060				1010	

CIDRA GROUDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ENSB-04-B	ENSB-04-C	ENSB-05-A	ENSB-05-B	ENSB-05-C	ENSB-05-C-DUP	ENSB-06-A
			Sample Name						ENSB-005-C	
			Sample Date	5/25/2010	5/26/2010	5/26/2010	5/26/2010	5/26/2010	5/26/2010	5/27/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	to	0 to 4 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.	5.87				6.6	7	6.56
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	8590				18300	16500	12700

CIDRA GROUDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ENSB-06-B	ENSB-07-A	ENSB-07-B	ENSB-07-C	ENSB-07-C-DUP	ENSB-07-D	ENSB-07-E	ENSB-07-F
			Sample Name					ENSB-007-C			
			Sample Date	5/27/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010	6/1/2010	6/1/2010	6/1/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	0 to 4 ft	to	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.				6.89				6.3
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				3690				2200

CIDRA GROUDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ENSB-07-G	ENSB-07-H
			Sample Name		
			Sample Date	6/1/2010	6/1/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft	68 to 72 ft
(Group Code)	**(Group Description)**				
Wetchem-S	**Additional Parameters**				
PH	pH	SW9045C	s.u.		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		

ENCO Soil Borings

Volatile Organic Compounds

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-01-A		ENSB-01-B		ENSB-01-C		ENSB-01-C-DUP		ENSB-01-D		ENSB-01-E		ENSB-02-A	
			Sample Name							ENSB-001-C							
			Sample Date	5/20/2010		5/20/2010		5/20/2010		5/20/2010		5/20/2010		5/24/2010		5/24/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		0 to 4 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
74-87-3	Chloromethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
74-83-9	Bromomethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-00-3	Chloroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
67-64-1	Acetone	VOA-S	ug/Kg	8	J	14	U	13	U	12	U	4.4	J	14	U	5.9	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
78-93-3	2-Butanone	VOA-S	ug/Kg	10	U	14	U	13	U	12	U	13	U	14	U	12	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
67-66-3	Chloroform	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
71-43-2	Benzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	100	R	140	R	130	R	120	R	130	R	140	R	120	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	2.9	U	2.4	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	10	U	14	U	13	U	12	U	13	U	14	U	12	U
108-88-3	Toluene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	2.9	U	2.4	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	5.2	U	7.2	U	1.1	J	0.84	J	1.5	J	1.3	J	5.9	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	10	U	14	U	13	U	12	U	13	U	14	U	12	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-01-A		ENSB-01-B		ENSB-01-C		ENSB-01-C-DUP		ENSB-01-D		ENSB-01-E		ENSB-02-A	
			Sample Name							ENSB-001-C							
			Sample Date	5/20/2010		5/20/2010		5/20/2010		5/20/2010		5/20/2010		5/24/2010		5/24/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
100-42-5	Styrene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	2.9	U	2.4	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U	7.2	U	5.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-02-B		ENSB-02-C		ENSB-02-C-DUP		ENSB-02-D		ENSB-02-E		ENSB-02-F		ENSB-02-G	
			Sample Name					ENSB-002-C									
			Sample Date	5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
67-64-1	Acetone	VOA-S	ug/Kg	4.2	J	14	U	10	U	7.8	J	16	U	13	U	10	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	14	U	10	U	15	U	16	U	13	U	10	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
71-43-2	Benzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	140	R	100	R	150	R	160	R	130	R	100	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.8	U	2.1	U	3	U	3.1	U	2.6	U	2.1	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	14	U	10	U	15	U	16	U	13	U	10	U
108-88-3	Toluene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.8	U	2.1	U	3	U	3.1	U	2.6	U	2.1	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	0.99	J	5.2	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	14	U	10	U	15	U	16	U	13	U	10	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-02-B		ENSB-02-C		ENSB-02-C-DUP		ENSB-02-D		ENSB-02-E		ENSB-02-F		ENSB-02-G	
			Sample Name					ENSB-002-C									
			Sample Date	5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
100-42-5	Styrene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.5	U	2.8	U	2.1	U	3	U	3.1	U	2.6	U	2.1	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	7.1	U	5.2	U	7.5	U	7.8	U	6.5	U	5.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-03-A		ENSB-03-B		ENSB-03-C		ENSB-03-D		ENSB-03-E		ENSB-03-F		ENSB-03-G	
			Sample Name														
			Sample Date	5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
67-64-1	Acetone	VOA-S	ug/Kg	7.4	J	14	U	4.2	J	10	J	14	U	14	U	13	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	14	U	12	U	16	U	14	U	14	U	13	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
67-66-3	Chloroform	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
71-43-2	Benzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	140	R	120	R	160	R	140	R	140	R	130	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	2.8	U	2.5	U	3.2	U	2.9	U	2.8	U	2.6	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	14	U	12	U	16	U	14	U	14	U	13	U
108-88-3	Toluene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	2.8	U	2.5	U	3.2	U	2.9	U	2.8	U	2.6	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	14	U	12	U	16	U	14	U	14	U	13	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-03-A		ENSB-03-B		ENSB-03-C		ENSB-03-D		ENSB-03-E		ENSB-03-F		ENSB-03-G	
			Sample Name														
			Sample Date	5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
100-42-5	Styrene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.8	U	2.8	U	2.5	U	3.2	U	2.9	U	2.8	U	2.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7	UJ	7	UJ	6.2	UJ	8	UJ	7.1	UJ	7.1	UJ	6.4	UJ
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7	U	7	U	6.2	U	8	U	7.1	U	7.1	U	6.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	ENSB-04-A 5/25/2010 0 to 4 ft		ENSB-04-B 5/25/2010 4 to 8 ft		ENSB-04-C 5/26/2010 8 to 12 ft		ENSB-05-A 5/26/2010 0 to 4 ft		ENSB-05-B 5/26/2010 4 to 8 ft		ENSB-05-C 5/26/2010 8 to 12 ft		ENSB-05-C-DUP ENSB-005-C 5/26/2010 to	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
74-87-3	Chloromethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7	U	7.2	U	7.1	UJ	4.7	UJ	7.7	UJ	16	J		
74-83-9	Bromomethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-00-3	Chloroethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
67-64-1	Acetone	VOA-S	ug/Kg	6.1	J	14	U	10	J	26		85		180			
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	1.5	J	3.9	J		
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	0.83	J	8	U		
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	14	U	14	U	9.3	U	10	J	19			
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
67-66-3	Chloroform	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
110-82-7	Cyclohexane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
71-43-2	Benzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	140	R	140	R	93	R	150	R	160	R		
79-01-6	Trichloroethene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	7.2	U	2.8	U	1.9	U	3.1	U	3.2	U		
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	14	U	14	U	9.3	U	15	U	16	U		
108-88-3	Toluene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	7.2	U	2.8	U	1.9	U	3.1	U	3.2	U		
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	3.9	J	7.2	U	3.5	J	0.68	J	7.7	U	8	U		
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	14	U	14	U	9.3	U	15	U	16	U		
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-04-A		ENSB-04-B		ENSB-04-C		ENSB-05-A		ENSB-05-B		ENSB-05-C		ENSB-05-C-DUP	
			Sample Name													ENSB-005-C	
			Sample Date	5/25/2010		5/25/2010		5/26/2010		5/26/2010		5/26/2010		5/26/2010		5/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		to	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
95-47-6	o-Xylene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
100-42-5	Styrene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
75-25-2	Bromoform	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.8	U	7.2	U	2.8	U	1.9	UJ	3.1	U	3.2	U		
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	UJ	7.7	U	8	U		
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7	UJ	7.2	U	7.1	UJ	4.7	UJ	7.7	UJ	8	UJ		
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7	U	7.2	U	7.1	U	4.7	U	7.7	U	8	U		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-06-A		ENSB-06-B		ENSB-07-A		ENSB-07-B		ENSB-07-C		ENSB-07-C-DUP		ENSB-07-D	
			Sample Name											ENSB-007-C			
			Sample Date	5/27/2010		5/27/2010		5/28/2010		5/28/2010		5/28/2010		5/28/2010		6/1/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		0 to 4 ft		to		8 to 12 ft		8 to 12 ft		20 to 24 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	UJ	7.3	U
74-87-3	Chloromethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	UJ	7.3	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	5.3	U	5	U	6.4	UJ	7	U	6.1	U	6.4	UJ	7.3	UJ
74-83-9	Bromomethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	UJ	7.3	U
75-00-3	Chloroethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	UJ	7.3	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
67-64-1	Acetone	VOA-S	ug/Kg	5.4	J	7.8	J	47		130		4.6	J	13	U	15	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	5.3	U	5	U	0.85	J	1.8	J	6.1	U	6.4	UJ	7.3	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
78-93-3	2-Butanone	VOA-S	ug/Kg	1.7	J	10	U	9.8	J	19		12	U	13	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
67-66-3	Chloroform	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
71-43-2	Benzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	110	R	100	R	130	R	140	R	120	R	130	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	1.1	J	6.1	U	6.4	U	7.3	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.1	U	2	U	2.6	U	2.8	U	2.5	U	2.6	U	2.9	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	11	U	10	U	13	U	14	U	12	U	13	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.1	U	2	U	2.6	U	2.8	U	2.5	U	2.6	U	2.9	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	4.7	J	1.2	J	0.54	J	3.6	J	1.5	J	1.1	J	10	
591-78-6	2-Hexanone	VOA-S	ug/Kg	11	U	10	U	13	U	14	U	12	U	13	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-06-A		ENSB-06-B		ENSB-07-A		ENSB-07-B		ENSB-07-C		ENSB-07-C-DUP		ENSB-07-D	
			Sample Name											ENSB-007-C			
			Sample Date	5/27/2010		5/27/2010		5/28/2010		5/28/2010		5/28/2010		5/28/2010		6/1/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		0 to 4 ft		to		8 to 12 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
95-47-6	o-Xylene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
100-42-5	Styrene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
75-25-2	Bromoform	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.1	U	2	U	2.6	U	2.8	U	2.5	U	2.6	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	5.3	U	5	U	6.4	U	7	U	6.1	U	6.4	U	7.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-07-E		ENSB-07-F		ENSB-07-G		ENSB-07-H	
			Sample Name								
			Sample Date	6/1/2010		6/1/2010		6/1/2010		6/1/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
(Group Code)	**(Group Description)**										
1-voa-s	**Volatile Organic Compounds**										
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
67-64-1	Acetone	VOA-S	ug/Kg	4.4	J	5.8	J	3.9	J	8.9	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	15	U	13	U	11	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
71-43-2	Benzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	150	R	130	R	110	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.1	U	7.5	U	0.64	J	5.5	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	3	U	2.6	U	2.2	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	15	U	13	U	11	U
108-88-3	Toluene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	3	U	2.6	U	2.2	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	15		19		28		5.5	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	15	U	13	U	11	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ENSB-07-E		ENSB-07-F		ENSB-07-G		ENSB-07-H	
			Sample Name								
			Sample Date	6/1/2010		6/1/2010		6/1/2010		6/1/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
100-42-5	Styrene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.8	U	3	U	2.6	U	2.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.1	U	7.5	U	6.4	U	5.5	U

ENCO Soil Borings

Volatile Organic Compound Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-01-A			ENSB-01-B			ENSB-01-C			ENSB-01-C-DUP			ENSB-01-D		
			Sample Name											ENSB-001-C					
			Sample Date	STANDARD - SD	5/20/2010			5/20/2010			5/20/2010			5/20/2010			5/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	8	J	#	14	U		13	U		12	U		4.4	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	10	U		14	U		13	U		12	U		13	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	100	R		140	R		130	R		120	R		130	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	10	U		14	U		13	U		12	U		13	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.2	U		7.2	U		1.1	J	#	0.84	J	#	1.5	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	10	U		14	U		13	U		12	U		13	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	5.2	U		7.2	U		6.5	U		6.2	U		6.6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-01-A		ENSB-01-B		ENSB-01-C		ENSB-01-C-DUP		ENSB-01-D	
			Sample Name								ENSB-001-C			
			Sample Date	STANDARD - SD	5/20/2010		5/20/2010		5/20/2010		5/20/2010		5/20/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	5.2	U	7.2	U	6.5	U	6.2	U	6.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-01-E			ENSB-02-A			ENSB-02-B			ENSB-02-C			ENSB-02-C-DUP		
			Sample Name														ENSB-002-C		
			Sample Date	STANDARD - SD	5/24/2010			5/24/2010			5/24/2010			5/24/2010			5/24/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		5.9	J	#	4.2	J	#	14	U		10	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		12	U		12	U		14	U		10	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		120	R		120	R		140	R		100	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.4	U		2.5	U		2.8	U		2.1	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		12	U		12	U		14	U		10	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.4	U		2.5	U		2.8	U		2.1	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	1.3	J	#	5.9	U		6.2	U		7.1	U		5.2	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		12	U		12	U		14	U		10	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.2	U		5.9	U		6.2	U		7.1	U		5.2	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-01-E		ENSB-02-A		ENSB-02-B		ENSB-02-C		ENSB-02-C-DUP	
			Sample Name										ENSB-002-C	
			Sample Date	STANDARD - SD	5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/24/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	2.4	U	2.5	U	2.8	U	2.1	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.2	U	5.9	U	6.2	U	7.1	U	5.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-02-D			ENSB-02-E			ENSB-02-F			ENSB-02-G			ENSB-03-A		
			Sample Name																
			Sample Date	STANDARD - SD	5/24/2010			5/24/2010			5/24/2010			5/24/2010			5/25/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft			0 to 4 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	7.8	J	#	16	U		13	U		10	U		7.4	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U		16	U		13	U		10	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		160	R		130	R		100	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U		3.1	U		2.6	U		2.1	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		16	U		13	U		10	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U		3.1	U		2.6	U		2.1	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.5	U		7.8	U		6.5	U		5.2	U		7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.5	U		7.8	U		0.99	J	#	5.2	U		7	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		16	U		13	U		10	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.5	U		7.8	U		6.5	U		5.2	U		7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-02-D		ENSB-02-E		ENSB-02-F		ENSB-02-G		ENSB-03-A	
			Sample Name											
			Sample Date	STANDARD - SD	5/24/2010		5/24/2010		5/24/2010		5/24/2010		5/25/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.5	U	7.8	U	6.5	U	5.2	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.5	U	7.8	U	6.5	U	5.2	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.5	U	7.8	U	6.5	U	5.2	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.5	U	7.8	U	6.5	U	5.2	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.5	U	7.8	U	6.5	U	5.2	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.5	U	7.8	U	6.5	U	5.2	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.5	U	7.8	U	6.5	U	5.2	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.5	U	7.8	U	6.5	U	5.2	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3	U	3.1	U	2.6	U	2.1	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.5	U	7.8	U	6.5	U	5.2	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.5	U	7.8	U	6.5	U	5.2	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.5	U	7.8	U	6.5	U	5.2	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.5	U	7.8	U	6.5	U	5.2	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.5	U	7.8	U	6.5	U	5.2	U	7	UJ
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.5	U	7.8	U	6.5	U	5.2	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	ENSB-03-B 5/25/2010 4 to 8 ft			ENSB-03-C 5/25/2010 8 to 12 ft			ENSB-03-D 5/25/2010 20 to 24 ft			ENSB-03-E 5/25/2010 32 to 36 ft			ENSB-03-F 5/25/2010 44 to 48 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7	U		6.2	U		8	U		7.1	U		7.1	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7	U		6.2	U		8	U		7.1	U		7.1	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		4.2	J	#	10	J	#	14	U		14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7	U		6.2	U		8	U		7.1	U		7.1	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7	U		6.2	U		8	U		7.1	U		7.1	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7	U		6.2	U		8	U		7.1	U		7.1	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7	U		6.2	U		8	U		7.1	U		7.1	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7	U		6.2	U		8	U		7.1	U		7.1	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		12	U		16	U		14	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7	U		6.2	U		8	U		7.1	U		7.1	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7	U		6.2	U		8	U		7.1	U		7.1	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7	U		6.2	U		8	U		7.1	U		7.1	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7	U		6.2	U		8	U		7.1	U		7.1	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7	U		6.2	U		8	U		7.1	U		7.1	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		120	R		160	R		140	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7	U		6.2	U		8	U		7.1	U		7.1	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7	U		6.2	U		8	U		7.1	U		7.1	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7	U		6.2	U		8	U		7.1	U		7.1	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7	U		6.2	U		8	U		7.1	U		7.1	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		2.5	U		3.2	U		2.9	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		12	U		16	U		14	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7	U		6.2	U		8	U		7.1	U		7.1	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		2.5	U		3.2	U		2.9	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7	U		6.2	U		8	U		7.1	U		7.1	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7	U		6.2	U		8	U		7.1	U		7.1	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		12	U		16	U		14	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7	U		6.2	U		8	U		7.1	U		7.1	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-03-B		ENSB-03-C		ENSB-03-D		ENSB-03-E		ENSB-03-F	
			Sample Name											
			Sample Date	STANDARD - SD	5/25/2010		5/25/2010		5/25/2010		5/25/2010		5/25/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7	U	6.2	U	8	U	7.1	U	7.1	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7	U	6.2	U	8	U	7.1	U	7.1	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7	U	6.2	U	8	U	7.1	U	7.1	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7	U	6.2	U	8	U	7.1	U	7.1	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7	U	6.2	U	8	U	7.1	U	7.1	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7	U	6.2	U	8	U	7.1	U	7.1	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7	U	6.2	U	8	U	7.1	U	7.1	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7	U	6.2	U	8	U	7.1	U	7.1	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.8	U	2.5	U	3.2	U	2.9	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7	U	6.2	U	8	U	7.1	U	7.1	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7	U	6.2	U	8	U	7.1	U	7.1	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7	U	6.2	U	8	U	7.1	U	7.1	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7	U	6.2	U	8	U	7.1	U	7.1	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7	UJ	6.2	UJ	8	UJ	7.1	UJ	7.1	UJ
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7	U	6.2	U	8	U	7.1	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	ENSB-03-G 5/25/2010 56 to 60 ft			ENSB-04-A 5/25/2010 0 to 4 ft			ENSB-04-B 5/25/2010 4 to 8 ft			ENSB-04-C 5/26/2010 8 to 12 ft			ENSB-05-A 5/26/2010 0 to 4 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.4	U		7	U		7.2	U		7.1	UJ		4.7	UJ	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	13	U		6.1	J	#	14	U		10	J	#	26		#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		14	U		14	U		14	U		9.3	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		140	R		140	R		140	R		93	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.6	U		2.8	U		7.2	U		2.8	U		1.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		14	U		14	U		14	U		9.3	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.6	U		2.8	U		7.2	U		2.8	U		1.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.4	U		7	U		7.2	U		7.1	U		4.7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.4	U		3.9	J	#	7.2	U		3.5	J	#	0.68	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		14	U		14	U		14	U		9.3	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.4	U		7	U		7.2	U		7.1	U		4.7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-03-G		ENSB-04-A		ENSB-04-B		ENSB-04-C		ENSB-05-A	
			Sample Name											
			Sample Date	STANDARD - SD	5/25/2010		5/25/2010		5/25/2010		5/26/2010		5/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.4	U	7	U	7.2	U	7.1	U	4.7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.4	U	7	U	7.2	U	7.1	U	4.7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.4	U	7	U	7.2	U	7.1	U	4.7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.4	U	7	U	7.2	U	7.1	U	4.7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.4	U	7	U	7.2	U	7.1	U	4.7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.4	U	7	U	7.2	U	7.1	U	4.7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.4	U	7	U	7.2	U	7.1	U	4.7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.4	U	7	U	7.2	U	7.1	U	4.7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.6	U	2.8	U	7.2	U	2.8	U	1.9	UJ
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.4	U	7	U	7.2	U	7.1	U	4.7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.4	U	7	U	7.2	U	7.1	U	4.7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.4	U	7	U	7.2	U	7.1	U	4.7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.4	U	7	U	7.2	U	7.1	U	4.7	UJ
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.4	UJ	7	UJ	7.2	U	7.1	UJ	4.7	UJ
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.4	U	7	U	7.2	U	7.1	U	4.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	ENSB-05-B 5/26/2010 4 to 8 ft			ENSB-05-C 5/26/2010 8 to 12 ft			ENSB-05-C-DUP ENSB-005-C 5/26/2010 to			ENSB-06-A 5/27/2010 0 to 4 ft			ENSB-06-B 5/27/2010 4 to 8 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.7	UJ		16	J	A				5.3	U		5	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.7	U		8	U					5.3	U		5	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.7	U		8	U					5.3	U		5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	85		#	180		#				5.4	J	#	7.8	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	1.5	J	#	3.9	J	#				5.3	U		5	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.7	U		8	U					5.3	U		5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.7	U		8	U					5.3	U		5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.7	U		8	U					5.3	U		5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	0.83	J	#	8	U					5.3	U		5	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	10	J	~	19		~				1.7	J	~	10	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.7	U		8	U					5.3	U		5	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.7	U		8	U					5.3	U		5	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.7	U		8	U					5.3	U		5	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.7	U		8	U					5.3	U		5	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.7	U		8	U					5.3	U		5	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		160	R					110	R		100	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.7	U		8	U					5.3	U		5	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.7	U		8	U					5.3	U		5	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.7	U		8	U					5.3	U		5	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.7	U		8	U					5.3	U		5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.1	U		3.2	U					2.1	U		2	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		16	U					11	U		10	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.7	U		8	U					5.3	U		5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.1	U		3.2	U					2.1	U		2	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.7	U		8	U					5.3	U		5	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	7.7	U		8	U					4.7	J	#	1.2	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		16	U					11	U		10	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.7	U		8	U					5.3	U		5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-05-B		ENSB-05-C		ENSB-05-C-DUP		ENSB-06-A		ENSB-06-B	
			Sample Name						ENSB-005-C					
			Sample Date	STANDARD - SD	5/26/2010		5/26/2010		5/26/2010		5/27/2010		5/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft		8 to 12 ft		to		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.7	U	8	U			5.3	U	5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.7	U	8	U			5.3	U	5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.7	U	8	U			5.3	U	5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.7	U	8	U			5.3	U	5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.7	U	8	U			5.3	U	5	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.7	U	8	U			5.3	U	5	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.7	U	8	U			5.3	U	5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.7	U	8	U			5.3	U	5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3.1	U	3.2	U			2.1	U	2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.7	U	8	U			5.3	U	5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.7	U	8	U			5.3	U	5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.7	U	8	U			5.3	U	5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.7	U	8	U			5.3	U	5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.7	UJ	8	UJ			5.3	U	5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.7	U	8	U			5.3	U	5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-07-A			ENSB-07-B			ENSB-07-C			ENSB-07-C-DUP			ENSB-07-D		
			Sample Name											ENSB-007-C					
			Sample Date	STANDARD - SD	5/28/2010			5/28/2010			5/28/2010			5/28/2010			6/1/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			to			8 to 12 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	UJ		7.3	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	UJ		7.3	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.4	UJ		7	U		6.1	U		6.4	UJ		7.3	UJ	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.4	U		7	U		6.1	U		6.4	UJ		7.3	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	UJ		7.3	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	47		#	130		#	4.6	J	#	13	U		15	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	0.85	J	#	1.8	J	#	6.1	U		6.4	UJ		7.3	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	9.8	J	~	19		~	12	U		13	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		140	R		120	R		130	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.4	U		1.1	J	#	6.1	U		6.4	U		7.3	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.6	U		2.8	U		2.5	U		2.6	U		2.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		14	U		12	U		13	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.6	U		2.8	U		2.5	U		2.6	U		2.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.4	U		7	U		6.1	U		6.4	U		7.3	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	0.54	J	#	3.6	J	#	1.5	J	#	1.1	J	#	10		#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		14	U		12	U		13	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.4	U		7	U		6.1	U		6.4	U		7.3	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-07-A		ENSB-07-B		ENSB-07-C		ENSB-07-C-DUP		ENSB-07-D	
			Sample Name								ENSB-007-C			
			Sample Date	STANDARD - SD	5/28/2010		5/28/2010		5/28/2010		5/28/2010		6/1/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		to		8 to 12 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.4	U	7	U	6.1	U	6.4	U	7.3	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.4	U	7	U	6.1	U	6.4	U	7.3	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.4	U	7	U	6.1	U	6.4	U	7.3	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.4	U	7	U	6.1	U	6.4	U	7.3	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.6	U	2.8	U	2.5	U	2.6	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.4	U	7	U	6.1	U	6.4	U	7.3	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.4	U	7	U	6.1	U	6.4	U	7.3	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.4	U	7	U	6.1	U	6.4	U	7.3	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.4	U	7	U	6.1	U	6.4	U	7.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-07-E			ENSB-07-F			ENSB-07-G			ENSB-07-H		
			Sample Name													
			Sample Date	STANDARD - SD	6/1/2010			6/1/2010			6/1/2010			6/1/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			44 to 48 ft			56 to 60 ft			68 to 72 ft		
(Group Code)	**(Group Description)**															
1-voa-s	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.1	U		7.5	U		6.4	U		5.5	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.1	U		7.5	U		6.4	U		5.5	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.1	U		7.5	U		6.4	U		5.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	4.4	J	#	5.8	J	#	3.9	J	#	8.9	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.1	U		7.5	U		6.4	U		5.5	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.1	U		7.5	U		6.4	U		5.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.1	U		7.5	U		6.4	U		5.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.1	U		7.5	U		6.4	U		5.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.1	U		7.5	U		6.4	U		5.5	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		15	U		13	U		11	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.1	U		7.5	U		6.4	U		5.5	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.1	U		7.5	U		6.4	U		5.5	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.1	U		7.5	U		6.4	U		5.5	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.1	U		7.5	U		6.4	U		5.5	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.1	U		7.5	U		6.4	U		5.5	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		150	R		130	R		110	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	7.1	U		7.5	U		0.64	J	#	5.5	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.1	U		7.5	U		6.4	U		5.5	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.1	U		7.5	U		6.4	U		5.5	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.1	U		7.5	U		6.4	U		5.5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		3	U		2.6	U		2.2	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		15	U		13	U		11	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.1	U		7.5	U		6.4	U		5.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.8	U		3	U		2.6	U		2.2	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.1	U		7.5	U		6.4	U		5.5	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	15		#	19		#	28		#	5.5	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		15	U		13	U		11	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.1	U		7.5	U		6.4	U		5.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ENCO SOIL BORINGS - VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	ENSB-07-E		ENSB-07-F		ENSB-07-G		ENSB-07-H	
			Sample Name									
			Sample Date	STANDARD - SD	6/1/2010		6/1/2010		6/1/2010		6/1/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.1	U	7.5	U	6.4	U	5.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.1	U	7.5	U	6.4	U	5.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.1	U	7.5	U	6.4	U	5.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.1	U	7.5	U	6.4	U	5.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.1	U	7.5	U	6.4	U	5.5	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.1	U	7.5	U	6.4	U	5.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.1	U	7.5	U	6.4	U	5.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.1	U	7.5	U	6.4	U	5.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.8	U	3	U	2.6	U	2.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.1	U	7.5	U	6.4	U	5.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.1	U	7.5	U	6.4	U	5.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.1	U	7.5	U	6.4	U	5.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.1	U	7.5	U	6.4	U	5.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.1	U	7.5	U	6.4	U	5.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.1	U	7.5	U	6.4	U	5.5	U

ESSO Soil Borings

Wet Chemistry

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ESSO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ESSB-15-A	ESSB-15-B	ESSB-15-C	ESSB-15-C-DUP	ESSB-15-D	ESSB-15-F	ESSB-15-F-DUP
			Sample Name				ESSB-015-C			ESSB-015-F
			Sample Date	5/27/2010	5/27/2010	5/27/2010	5/27/2010	5/27/2010	5/27/2010	5/27/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	44 to 48 ft	to
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.			6.84			6.65	6.97
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			4790			1960	1240

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ESSO SOIL BORINGS - WET CHEMISTRY

			Sample Code	ESSB-15-G	ESSB-16-C	ESSB-16-D	ESSB-16-E	ESSB-16-F	ESSB-16-G
			Sample Name						
			Sample Date	5/27/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010	5/28/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft
(Group Code)	**(Group Description)**								
Wetchem-S	**Additional Parameters**								
PH	pH	SW9045C	s.u.		5.48			7.4	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		4540			1800	

ESSO Soil Borings

Volatile Organic Compounds

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ESSO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ESSB-15-A		ESSB-15-B		ESSB-15-C		ESSB-15-C-DUP		ESSB-15-D		ESSB-15-F	
			Sample Name							ESSB-015-C					
			Sample Date	5/27/2010		5/27/2010		5/27/2010		5/27/2010		5/27/2010		5/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		44 to 48 ft	
(Group Code)	**(Group Description)**														
1-voa-s	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
74-87-3	Chloromethane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	UJ	6.5	U
74-83-9	Bromomethane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
75-00-3	Chloroethane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
67-64-1	Acetone	VOA-S	ug/Kg	13		13	U	45		53		15	U	13	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	1	J	7.6	U	6.5	UJ
75-09-2	Methylene Chloride	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	0.83	J	15	J
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	5.2	UJ	6.5	U	11	U	7.2	U	7.6	UJ	6.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
78-93-3	2-Butanone	VOA-S	ug/Kg	5.9	J	13	U	5.5	J	14	U	15	U	13	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	5.2	UJ	6.5	U	11	U	7.2	U	7.6	UJ	6.5	U
67-66-3	Chloroform	VOA-S	ug/Kg	5.2	UJ	6.5	U	11	U	7.2	U	7.6	UJ	6.5	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
110-82-7	Cyclohexane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
71-43-2	Benzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	2.8	J
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	100	R	130	R	220	R	140	R	150	R	130	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	5.2	U	1.7	J	11	U	7.2	U	7.6	U	6.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.1	U	2.6	U	4.5	U	2.9	U	3	U	2.6	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	10	U	13	U	22	U	14	U	15	U	13	U
108-88-3	Toluene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.1	U	2.6	U	4.5	U	2.9	U	3	U	2.6	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	10	U	13	U	22	U	14	U	15	U	13	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	5.2	UJ	6.5	U	11	U	7.2	U	7.6	UJ	6.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ESSO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ESSB-15-A		ESSB-15-B		ESSB-15-C		ESSB-15-C-DUP		ESSB-15-D		ESSB-15-F	
			Sample Name							ESSB-015-C					
			Sample Date	5/27/2010		5/27/2010		5/27/2010		5/27/2010		5/27/2010		5/27/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	5.2	UJ	6.5	UJ	11	U	7.2	U	7.6	U	6.5	UJ
108-90-7	Chlorobenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	10		1.8	J
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	2.5	J	6.5	U
100-42-5	Styrene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	5.2	UJ	6.5	U	11	U	7.2	U	7.6	UJ	6.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	2.9	J	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.1	U	2.6	U	4.5	U	2.9	U	3	U	2.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	5.2	U	6.5	U	11	U	7.2	U	7.6	U	6.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ESSO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ESSB-15-F-DUP	ESSB-15-G		ESSB-16-C		ESSB-16-D		ESSB-16-E		ESSB-16-F		ESSB-16-G	
			Sample Name	ESSB-015-F												
			Sample Date	5/27/2010	5/27/2010		5/28/2010		5/28/2010		5/28/2010		5/28/2010		5/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to	56 to 60 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
(Group Code)	**(Group Description)**															
1-voa-s	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg		6.7	U	610		7.2	U	8.3	U	7.9	U	7.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	U	8.3	U	7.9	U	7.2	U
74-83-9	Bromomethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
67-64-1	Acetone	VOA-S	ug/Kg		13	U	800	U	14	U	17	U	16	J	6.7	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg		17	J	400	U	7.2	UJ	7.9	J	6.8	J	40	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
78-93-3	2-Butanone	VOA-S	ug/Kg		13	U	800	U	14	U	17	U	16	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
67-66-3	Chloroform	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
110-82-7	Cyclohexane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
71-43-2	Benzene	VOA-S	ug/Kg		12		400	U	7.2	U	8.3	U	7.9	U	7.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg		6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg		130	R	8000	R	140	R	170	R	160	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg		2.7	U	160	U	2.9	U	3.3	U	3.2	U	2.9	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg		13	U	800	U	14	U	17	U	16	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg		2.7	U	160	U	2.9	U	3.3	U	3.2	U	2.9	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
591-78-6	2-Hexanone	VOA-S	ug/Kg		13	U	800	U	14	U	17	U	16	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg		6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
ESSO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	ESSB-15-F-DUP		ESSB-15-G		ESSB-16-C		ESSB-16-D		ESSB-16-E		ESSB-16-F		ESSB-16-G	
			Sample Name	ESSB-015-F													
			Sample Date	5/27/2010		5/27/2010		5/28/2010		5/28/2010		5/28/2010		5/28/2010		5/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to		56 to 60 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg			6.7	UJ	400	U	7.2	UJ	8.3	U	7.9	U	7.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg			6.7	U	210	J	7.2	U	8.3	U	7.9	U	7.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg			4.8	J	430		58		8.3	U	7.9	U	7.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg			0.6	J	570		16		8.3	U	7.9	U	7.2	U
100-42-5	Styrene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
75-25-2	Bromoform	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg			6.7	U	310	J	39		8.3	U	7.9	U	7.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg			2.7	U	160	U	2.9	U	3.3	U	3.2	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg			6.7	U	400	U	7.2	U	8.3	U	7.9	U	7.2	U

Groundwater Round 2

Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	CIDRA-3-S2			CIDRA-4-S2			CIDRA-6-S2			CIDRA-8-S2			IVAX-2-S2		
			Sample Date	STANDARD - SD	7/27/2010			7/27/2010			7/28/2010			7/28/2010			7/23/2010		
			Unit \\ Depth		0 to 73 ft			0 to 102 ft			0 to 250 ft			0 to 280 ft			to		
(Group Code)	**(Group Description)**																		
1-VOA-W	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.43	J	~	0.5	U		0.1	J	~	0.5	U		0.5	U	
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.085	J	~	0.5	U		0.5	U		0.089	J	~	0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		39	J	A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.41	J	~
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.18	J	~	0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.085	J	#	0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.45	J	#	0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.18	J	~	0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		2.8	J	~
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.5	U		0.5	U		0.5	U		16		#	0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	5.9		#	0.5	U		5.2		#	4.3		#	68	J	A
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L																
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		3.3		#	0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.21	J	#	0.5	U		0.42	J	#	0.1	J	#	0.44	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	UJ		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	UJ		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	UJ		0.5	UJ		0.16	J	#
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	1.4		#	0.5	U		0.21	J	#	85		A	0.78		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.5	U		0.5	U		0.5	U		0.5	U		0.075	J	#

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	CIDRA-3-S2			CIDRA-4-S2			CIDRA-6-S2			CIDRA-8-S2			IVAX-2-S2		
			Sample Name																
			Sample Date	STANDARD - SD	7/27/2010			7/27/2010			7/28/2010			7/28/2010			7/23/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 73 ft			0 to 102 ft			0 to 250 ft			0 to 280 ft			to		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**																		
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		120		#	100	U		140		#	100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	46,000		~	30,000		~	100,000		~	29,000		~	39,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		7.9		#	5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	4,000		~	20,000		~	150		~	2,700		~	50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	25,000		~	16,000		~	21,000		~	17,000		~	16,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	100		~	780		~	5	U		11		~	5	U	
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,900		~	2,500		~	1,900		~	2,100		~	2,000		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	22,000		~	20,000		~	47,000		~	20,000		~	20,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	20	U		20	U		20	U		30		~	20		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	CIDRA-3-S2			CIDRA-4-S2			CIDRA-6-S2			CIDRA-8-S2			IVAX-2-S2		
			Sample Name																
			Sample Date	STANDARD - SD	7/27/2010			7/27/2010			7/28/2010			7/28/2010			7/23/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 73 ft			0 to 102 ft			0 to 250 ft			0 to 280 ft			to		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U		38		~
57-12-5	Cyanide	CYANIDE	UG/L																

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	PRGW-2-06 STANDARD - SD	IVAX-2-S2-DUP IVAX-02-S2 7/23/2010 to			IVAX-Abandon-S2 7/28/2010 0 to 218 ft			MPW-1-P1-S2 7/20/2010 121 to 129 ft			MPW-1-P2-S2 7/20/2010 132 to 144 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.14	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.074	J	~
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.37	J	~	0.36	J	~	0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.14	J	#	0.5	U		0.068	J	#
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.46	J	~	0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	2.9	J	~	6.6	J	~	0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.5	U		0.06	J	#	0.5	U		0.66		#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	71	J	A	210	J	A	2.9		#	3.7		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.21	J	#	0.4	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.084	J	#	0.51		#	0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.48	J	#	0.86		#	0.29	J	#	0.35	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	U		0.5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.24	J	#	0.25	J	#
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	U		0.5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.18	J	#	0.52	J	#	0.5	U		0.5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	0.76		#	1.6		#	12		A	3.2		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.088	J	#	0.18	J	#	0.5	U		0.084	J	#

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	IVAX-2-S2-DUP			IVAX-Abandon-S2			MPW-1-P1-S2			MPW-1-P2-S2		
			Sample Name		IVAX-02-S2											
			Sample Date	STANDARD - SD	7/23/2010			7/28/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to			0 to 218 ft			121 to 129 ft			132 to 144 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.14	J	#
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	UJ		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		280		#	100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	40,000		~	29,000		~	47,000		~	55,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		380		~	50	U		50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	16,000		~	14,000		~	24,000		~	25,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	2,100		~	2,600		~	1,800		~	1,600		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	20,000		~	21,000		~	22,000		~	23,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	20	U		20	U		26		~	26		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	IVAX-2-S2-DUP			IVAX-Abandon-S2			MPW-1-P1-S2			MPW-1-P2-S2		
			Sample Name		IVAX-02-S2											
			Sample Date	STANDARD - SD	7/23/2010			7/28/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to			0 to 218 ft			121 to 129 ft			132 to 144 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	43		~	20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	MPW-1-P3-S2			MPW-1-P4-S2			MPW-1-P5-S2			MPW-1-P6-S2		
			Sample Date	STANDARD - SD	7/20/2010			7/20/2010			7/20/2010			7/20/2010		
			Unit \\ Depth		148 to 160 ft			228 to 237 ft			241 to 253 ft			276 to 283 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.16	J	~	0.38	J	~	0.71		~	0.26	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.096	J	~	0.099	J	~	0.096	J	~	0.087	J	~
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.17	J	#	0.086	J	#	0.5	U		0.14	J	#
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	UJ	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.08	J	~	0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	1.6		#	0.72		#	0.5	U		1.7	J	#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	4.7		#	7.2		#	10		#	2.9		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.37	J	#	0.74		#	1.5		#	0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.56		#
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.33	J	#	0.46	J	#	0.69		#	0.17	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	UJ		0.5	UJ		0.5	UJ		0.5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	1.7		#	0.15	J	#	0.12	J	#	18		#
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	UJ		0.5	UJ		0.5	UJ		0.5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	UJ		0.5	UJ		0.5	UJ		0.5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	2		#	0.47	J	#	0.13	J	#	0.33	J	#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.082	J	#	0.077	J	#	0.093	J	#	0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-1-P3-S2			MPW-1-P4-S2			MPW-1-P5-S2			MPW-1-P6-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/20/2010			7/20/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		148 to 160 ft			228 to 237 ft			241 to 253 ft			276 to 283 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.26	J	#	0.34	J	#	0.5	U		0.49	J	#
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.32	J	~
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		160		~	100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	11		A	8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	61,000		~	67,000		~	66,000		~	71,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		50	U		50	U		50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	26,000		~	27,000		~	27,000		~	24,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	62		~	5	U		5	U		48		~
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,400		~	1,600		~	1,500		~	1,100		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	23,000		~	25,000		~	23,000		~	28,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	22		~	22		~	23		~	20	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-1-P3-S2			MPW-1-P4-S2			MPW-1-P5-S2			MPW-1-P6-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/20/2010			7/20/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		148 to 160 ft			228 to 237 ft			241 to 253 ft			276 to 283 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	MPW-2-P1-S2			MPW-2-P2-S2			MPW-2-P3-S2			MPW-2-P4-S2		
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
			Unit \\ Depth		144 to 154 ft			165 to 175 ft			178 to 188 ft			214 to 222 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.61		~	0.57	J	~	0.85		~	1.2		~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.22	J	~	0.18	J	~	0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.5	U		0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	24	J	#	25	J	#	12		#	11		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.48	J	#	0.2	J	#	0.34	J	#	0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	1.3		#	0.35	J	#	0.94		#	1.5		#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.23	J	#	0.34	J	#	0.35	J	#	0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	0.45	J	#	0.23	J	#	0.68		#	0.5	U	
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.1	J	#	0.5	U		0.066	J	#	0.15	J	#

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-2-P1-S2			MPW-2-P2-S2			MPW-2-P3-S2			MPW-2-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		144 to 154 ft			165 to 175 ft			178 to 188 ft			214 to 222 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	UJ		0.5	UJ	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	41,000		~	45,000		~	47,000		~	41,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		50	U		870		~	50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	22,000		~	24,000		~	24,000		~	19,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,900		~	1,900		~	1,900		~	1,500		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	21,000		~	21,000		~	21,000		~	22,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	21		~	20		~	20		~	20	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-2-P1-S2			MPW-2-P2-S2			MPW-2-P3-S2			MPW-2-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		144 to 154 ft			165 to 175 ft			178 to 188 ft			214 to 222 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		25		~
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	MPW-3-P1-S2			MPW-3-P2-S2			MPW-3-P3-S2			MPW-3-P4-S2		
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
			Unit \\ Depth		131 to 146 ft			150 to 162 ft			168 to 174 ft			178 to 188 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.63		~	0.83		~	0.83		~	0.74		~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.12	J	~	0.15	J	~	0.15	J	~	0.13	J	~
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.1	J	#
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.5	U		0.5	U		0.5	U		0.33	J	#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	6.8		#	7.1		#	6.1		#	3.9		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.2	J	#	0.21	J	#	0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.18	J	#
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.77		#	0.89		#	0.74		#	0.34	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	2.1		#	2.8		#	2.6		#	2.3		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.078	J	#	0.092	J	#	0.069	J	#	0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P1-S2			MPW-3-P2-S2			MPW-3-P3-S2			MPW-3-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		131 to 146 ft			150 to 162 ft			168 to 174 ft			178 to 188 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.14	J	#
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	UJ		0.5	UJ		0.5	UJ		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	55,000		~	59,000		~	63,000		~	65,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		50	U		50	U		50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	26,000		~	26,000		~	27,000		~	27,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	5	U		5	U		5	U		8.9		~
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,700		~	1,700		~	1,700		~	1,700		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	24,000		~	24,000		~	25,000		~	26,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	20	U		20	U		20	U		20		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P1-S2			MPW-3-P2-S2			MPW-3-P3-S2			MPW-3-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		131 to 146 ft			150 to 162 ft			168 to 174 ft			178 to 188 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06 STANDARD - SD	MPW-3-P5-S2 7/22/2010 194 to 204 ft			MPW-4-P1-S2 7/23/2010 138 to 149 ft			MPW-4-P2-S2 7/23/2010 152 to 160 ft			MPW-4-P3-S2 7/23/2010 164 to 174 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.61		~	0.74		~	0.88		~	0.76		~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.1	J	~	0.24	J	~	0.24	J	~	0.28	J	~
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.12	J	#	0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.36	J	#	0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	3		#	19		#	18		#	19		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.27	J	#	0.23	J	#	0.33	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.15	J	#	0.5	U		0.5	U		0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.2	J	#	0.5	U		0.15	J	#	0.27	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	2		#	1.3		#	1.4		#	2		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P5-S2			MPW-4-P1-S2			MPW-4-P2-S2			MPW-4-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/23/2010			7/23/2010			7/23/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		194 to 204 ft			138 to 149 ft			152 to 160 ft			164 to 174 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	66,000		~	49,000		~	49,000		~	52,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		50	U		50	U		50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	28,000		~	27,000		~	26,000		~	26,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	12		~	5	U		5	U		5	U	
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,800		~	1,900		~	1,800		~	1,800		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	26,000		~	22,000		~	21,000		~	21,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	21		~	20		~	21		~	21		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P5-S2			MPW-4-P1-S2			MPW-4-P2-S2			MPW-4-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/23/2010			7/23/2010			7/23/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		194 to 204 ft			138 to 149 ft			152 to 160 ft			164 to 174 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	MPW-4-P4-S2			MPW-5-P1-S2			MPW-5-P2-S2			MPW-5-P3-S2		
			Sample Date	STANDARD - SD	7/23/2010			7/21/2010			7/21/2010			7/21/2010		
			Unit \\ Depth		210 to 224 ft			130 to 144 ft			148 to 154 ft			157 to 170 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	1.1		~	0.23	J	~	0.2	J	~	0.16	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.1	J	~	0.094	J	~	0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.085	J	~	0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	UJ		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.098	J	#	0.078	J	#	0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	UJ		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.27	J	~	0.27	J	~	0.26	J	~
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.073	J	~	0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.5	U		0.27	J	#	0.24	J	#	0.24	J	#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	7.6		#	7.6		#	7.6		#	7		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.21	J	#	0.28	J	#	0.25	J	#	0.25	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.12	J	#	0.079	J	#	0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.17	J	#	0.15	J	#	0.11	J	#
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	UJ		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.31	J	#	0.87		#	0.83	J	#	0.74		#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	UJ		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	2.1		#	0.12	J	#	0.11	J	#	0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	UJ		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	UJ		0.5	UJ		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	1.8		#	1.6		#	1.5		#	2.6		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.5	U		0.13	J	#	0.12	J	#	0.081	J	#

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-4-P4-S2			MPW-5-P1-S2			MPW-5-P2-S2			MPW-5-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/23/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		210 to 224 ft			130 to 144 ft			148 to 154 ft			157 to 170 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	50,000		~	40,000		~	41,000		~	40,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		50	U		50	U		50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	23,000		~	22,000		~	22,000		~	23,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	7.3		~	12		~	11		~	5	U	
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,600		~	2,000		~	2,100		~	2,100		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	22,000		~	19,000		~	20,000		~	20,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	21		~	26		~	27		~	27		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-4-P4-S2			MPW-5-P1-S2			MPW-5-P2-S2			MPW-5-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/23/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		210 to 224 ft			130 to 144 ft			148 to 154 ft			157 to 170 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	MPW-5-P4-S2			MPW-5-P5-S2			MPW-5-P6-S2			MPW-5-P7-S2		
			Sample Date	STANDARD - SD	7/21/2010			7/21/2010			7/21/2010			7/21/2010		
			Unit \\ Depth		202 to 212 ft			260 to 274 ft			277 to 287 ft			302 to 324 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.28	J	~	0.098	J	~	0.095	J	~	0.082	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		3.6	J	#
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.093	J	#	0.13	J	#	0.17	J	#	0.48	J	#
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.24	J	~	0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.092	J	~
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	2.8		#	20		#	28		#	32	J	#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	7.1		#	4.8		#	4.1		#	3.5		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.26	J	#	0.24	J	#	0.17	J	#	0.16	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.2	J	#	0.16	J	#
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.42	J	#	5		#	3.9		#	5.3		A
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.64		#	0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.27	J	#	0.61		#	1.6		#	1.6		#
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	8.5		A	120		A	73		A	86		A
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.072	J	#	0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P4-S2			MPW-5-P5-S2			MPW-5-P6-S2			MPW-5-P7-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/21/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		202 to 212 ft			260 to 274 ft			277 to 287 ft			302 to 324 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.27	J	#	0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		100	U		100	U	
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		100	U		100	U	
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	48,000		~	67,000		~	68,000		~	67,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		5	U		5	U		5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		50	U		50	U		50	U	
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	24,000		~	20,000		~	20,000		~	20,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	54		~	5	U		6.6		~	17		~
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	1,800		~	1,600		~	1,400		~	1,000		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	21,000		~	22,000		~	23,000		~	26,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	25		~	24		~	24		~	24		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P4-S2			MPW-5-P5-S2			MPW-5-P6-S2			MPW-5-P7-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/21/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		202 to 212 ft			260 to 274 ft			277 to 287 ft			302 to 324 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	PRGW-2-06 STANDARD - SD	MPW-5-P7-S2-DUP MPW-55-P7-S2 7/21/2010 302 to 324 ft			MPW-6-P5-S2 7/30/2010 0 to 225 ft			SMW-1-S2 7/26/2010 0 to 55 ft			SMW-1-S2-DUP SMW-01-S2 7/26/2010 to 55 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.15	J	~	5	U		1	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		5	U		1	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	3.4	J	#	17	J	A	5	U		11		A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.22	J	~	5	U		0.3	J	~
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.5	U		5	U		0.16	J	#
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.59	J	#	0.5	U		5	U		0.14	J	#
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.087	J	~	2	J	~	5	U		0.19	J	~
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	31	J	#	0.5	U		21		#	24		#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
67-66-3	Chloroform	VOA-W	ug/L	57	3.3		#	65	J	A	9.4		#	12		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		5	U		1	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		5	U		1	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.16	J	#	0.5	U		5	U		1	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		5	U		1	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	4.7		#	0.5	U		14		A	15		A
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		5	U		1	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.5	U		0.41	J	#	5	U		0.65	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		5	UJ		1	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
108-88-3	Toluene	VOA-W	ug/L	1000	2.1		#	0.5	U		5	U		1	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		5	UJ		1	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.16	J	#	5	UJ		1	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	68		A	0.82		#	680		A	680		A
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.5	U		0.069	J	#	5	U		0.11	J	#

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P7-S2-DUP			MPW-6-P5-S2			SMW-1-S2			SMW-1-S2-DUP		
			Sample Name		MPW-55-P7-S2									SMW-01-S2		
			Sample Date	STANDARD - SD	7/21/2010			7/30/2010			7/26/2010			7/26/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		302 to 324 ft			0 to 225 ft			0 to 55 ft			to 55 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		5	U		1	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.073	J	#	0.5	U		5	U		1	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		5	U		1	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		5	U		1	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		5	U		1	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		5	U		1	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		5	U		1	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		5	U		1	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		5	U		1	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		5	U		1	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		5	U		1	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
7-METALS	**Inorganic Analytes**															
7429-90-5	Aluminum	metals-AES	UG/L	N/A	100	U		100	U		240		~	260		~
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	100	U		100	U		130		#	130		#
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	67,000		~	48,000		~	41,000		~	40,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	5	U		6		#	6.9		#	7.2		#
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U		10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	50	U		300		~	380		~	380		~
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	19,000		~	18,000		~	19,000		~	19,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	22		~	6.3		~	260		~	240		~
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	920		~	2,100		~	2,500		~	2,500		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	26,000		~	22,000		~	30,000		~	30,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	23		~	20	U		20		~	20		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P7-S2-DUP			MPW-6-P5-S2			SMW-1-S2			SMW-1-S2-DUP		
			Sample Name		MPW-55-P7-S2									SMW-01-S2		
			Sample Date	STANDARD - SD	7/21/2010			7/30/2010			7/26/2010			7/26/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		302 to 324 ft			0 to 225 ft			0 to 55 ft			to 55 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L													

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06 STANDARD - SD	SMW-2-S2 7/26/2010 to 102 ft			SMW-3-S2 7/26/2010 to 74 ft			SMW-5-S2 7/26/2010 to 57 ft			SMW-9-S2 7/27/2010 to 90 ft			SMW-10-S2 7/29/2010 to 70 ft		
(Group Code)	**(Group Description)**																		
1-VOA-W	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.2	J	~	0.5	U		0.5	U		0.5	U		5	U	
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.11	J	~	5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.17	J	#	5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		31		A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		41		~	5	U		5	U		50	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.15	J	#	5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.61		#	5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		350		~	0.5	U		0.5	U		5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	0.5	U		0.5	U		0.5	U		74		A	60		#
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		50	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	12		#	1.7		#	0.5	U		15		#	5	U	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		3.3		#	0.5	U		0.5	U		5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L																
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		9.7		A	31		A
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	0.64		#	0.5	U		0.5	U		0.23	J	#	5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	UJ		5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		50	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	UJ		5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	UJ		5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		57		A	1700		A
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		50	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	0.13	J	#	0.5	U		0.5	U		0.07	J	#	5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-2-S2			SMW-3-S2			SMW-5-S2			SMW-9-S2			SMW-10-S2		
			Sample Name																
			Sample Date	STANDARD - SD	7/26/2010			7/26/2010			7/26/2010			7/27/2010			7/29/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 102 ft			to 74 ft			to 57 ft			to 90 ft			to 70 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.87		~	0.5	U		0.5	U		5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
100-42-5	Styrene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		2.1		~	0.5	U		0.5	U		5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
7-METALS	**Inorganic Analytes**																		
7429-90-5	Aluminum	metals-AES	UG/L	N/A	13,000		~	1,500		~	160		~	6,200		~	1,200		~
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U		2	U		2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U		8	U		8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	630		#	640		#	280		#	290		#	210		#
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U		3	U		3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U		3	U		3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	93,000		~	45,000		~	17,000		~	51,000		~	26,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	46		#	5.7		#	5	U		14		#	5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U		20	U		20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	42		#	10	U		10	U		18		#	10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	17,000		~	1,800		~	170		~	8,000		~	89		~
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U		8	U		8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	60,000		~	25,000		~	7,600		~	16,000		~	6,200		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	1,200		~	1,600		~	17		~	390		~	7.3		~
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.54		A	2.3		A	0.2	U		0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	26		#	20	U		20	U		20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	5,200		~	4,500		~	1,500		~	3,700		~	51,000		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U		20	U		20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U		5	U		5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	52,000		~	45,000		~	22,000		~	13,000		~	120,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U		1	U		1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	54		~	20	U		20	U		20		~	67		~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-2-S2			SMW-3-S2			SMW-5-S2			SMW-9-S2			SMW-10-S2		
			Sample Name																
			Sample Date	STANDARD - SD	7/26/2010			7/26/2010			7/26/2010			7/27/2010			7/29/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 102 ft			to 74 ft			to 57 ft			to 90 ft			to 70 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	41		~	20	U		20	U		25		~	20	U	
57-12-5	Cyanide	CYANIDE	UG/L																

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-10-S2-DUP			SMW-12-S2		
			Sample Name		SMW-010-S2					
			Sample Date	STANDARD - SD	7/29/2010			7/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 70 ft			to 85 ft		
(Group Code)	**(Group Description)**									
1-VOA-W	**Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	5	U		0.12	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	29		A	0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	50	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	5	U		0.17	J	~
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	5	5	U		0.16	J	#
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	100	5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	70	55		#	0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	50	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	57	5	U		3.6		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	5	U		0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	3.8	5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L							
79-01-6	Trichloroethene	VOA-W	ug/L	5	29		A	0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	80	5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	5	UJ		0.5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	50	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	5	UJ		0.5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	5	UJ		0.5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	1600		A	0.5	U	
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	50	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	5.5	5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-10-S2-DUP			SMW-12-S2		
			Sample Name		SMW-010-S2					
			Sample Date	STANDARD - SD	7/29/2010			7/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 70 ft			to 85 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.05	5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	5	U		0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	530	5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	100	5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	43	5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1.7	5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	320	5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	63	5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	420	5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.2	5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	35	5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	5	U		0.5	U	
7-METALS	**Inorganic Analytes**									
7429-90-5	Aluminum	metals-AES	UG/L	N/A	2,900		~	780		~
7440-36-0	Antimony	metals-AES	UG/L	5.6	2	U		2	U	
7440-38-2	Arsenic	metals-AES	UG/L	10	8	U		8	U	
7440-39-3	Barium	metals-AES	UG/L	2000	270		#	190		#
7440-41-7	Beryllium	metals-AES	UG/L	4	3	U		3	U	
7440-43-9	Cadmium	metals-AES	UG/L	5	3	U		3	U	
7440-70-2	Calcium	metals-AES	UG/L	N/A	33,000		~	23,000		~
7440-47-3	Chromium	metals-AES	UG/L	100	14		#	5	U	
7440-48-4	Cobalt	metals-AES	UG/L	N/A	20	U		20	U	
7440-50-8	Copper	metals-AES	UG/L	1300	10	U		10	U	
7439-89-6	Iron	metals-AES	UG/L	N/A	340		~	1,000		~
7439-92-1	Lead	metals-AES	UG/L	15	8	U		8	U	
7439-95-4	Magnesium	metals-AES	UG/L	N/A	12,000		~	11,000		~
7439-96-5	Manganese	metals-AES	UG/L	N/A	21		~	230		~
7439-97-6	Mercury	metals-AES	UG/L	0.05	0.2	U		0.2	U	
7440-02-0	Nickel	metals-AES	UG/L	610	20	U		20	U	
9/7/7440	Potassium	metals-AES	UG/L	N/A	51,000		~	24,000		~
7782-49-2	Selenium	metals-AES	UG/L	50	20	U		20	U	
7440-22-4	Silver	metals-AES	UG/L	N/A	5	U		5	U	
7440-23-5	Sodium	metals-AES	UG/L	N/A	110,000		~	64,000		~
7440-28-0	Thallium	metals-AES	UG/L	2	1	U		1	U	
7440-62-2	Vanadium	metals-AES	UG/L	N/A	71		~	20	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-10-S2-DUP			SMW-12-S2		
			Sample Name		SMW-010-S2					
			Sample Date	STANDARD - SD	7/29/2010			7/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 70 ft			to 85 ft		
7440-66-6	Zinc	metals-AES	UG/L	N/A	20	U		20	U	
57-12-5	Cyanide	CYANIDE	UG/L							

Groundwater Round 2

Metals

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	CIDRA-3-S2		CIDRA-4-S2		CIDRA-6-S2		CIDRA-8-S2		IVAX-2-S2		IVAX-2-S2-DUP		IVAX-Abandon-S2	
			Sample Name											IVAX-02-S2			
			Sample Date	7/27/2010		7/27/2010		7/28/2010		7/28/2010		7/23/2010		7/23/2010		7/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 73 ft		0 to 102 ft		0 to 250 ft		0 to 280 ft		to		to		0 to 218 ft	
(Group Code)	**(Group Description)**																
7-METALS	**Inorganic Analytes**																
7429-90-5	Aluminum	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-36-0	Antimony	metals-AES	UG/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7440-39-3	Barium	metals-AES	UG/L	100	U	120		100	U	140		100	U	100	U	280	
7440-41-7	Beryllium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-70-2	Calcium	metals-AES	UG/L	46,000		30,000		100,000		29,000		39,000		40,000		29,000	
7440-47-3	Chromium	metals-AES	UG/L	5	U	5	U	5	U	7.9		5	U	5	U	5	U
7440-48-4	Cobalt	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U
7439-89-6	Iron	metals-AES	UG/L	4,000		20,000		150		2,700		50	U	50	U	380	
7439-92-1	Lead	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7439-95-4	Magnesium	metals-AES	UG/L	25,000		16,000		21,000		17,000		16,000		16,000		14,000	
7439-96-5	Manganese	metals-AES	UG/L	100		780		5	U	11		5	U	5	U	5	U
7439-97-6	Mercury	metals-AES	UG/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
9/7/7440	Potassium	metals-AES	UG/L	1,900		2,500		1,900		2,100		2,000		2,100		2,600	
7782-49-2	Selenium	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-23-5	Sodium	metals-AES	UG/L	22,000		20,000		47,000		20,000		20,000		20,000		21,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
7440-62-2	Vanadium	metals-AES	UG/L	20	U	20	U	20	U	30		20		20	U	20	U
7440-66-6	Zinc	metals-AES	UG/L	20	U	20	U	20	U	20	U	38		43		20	U
57-12-5	Cyanide	CYANIDE	UG/L														

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	MPW-1-P1-S2		MPW-1-P2-S2		MPW-1-P3-S2		MPW-1-P4-S2		MPW-1-P5-S2		MPW-1-P6-S2		MPW-2-P1-S2	
			Sample Name														
			Sample Date	7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/22/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	121 to 129 ft		132 to 144 ft		148 to 160 ft		228 to 237 ft		241 to 253 ft		276 to 283 ft		144 to 154 ft	
(Group Code)	**(Group Description)**																
7-METALS	**Inorganic Analytes**																
7429-90-5	Aluminum	metals-AES	UG/L	100	U	100	U	100	U	160		100	U	100	U	100	U
7440-36-0	Antimony	metals-AES	UG/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U	8	U	11		8	U	8	U	8	U	8	U
7440-39-3	Barium	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-41-7	Beryllium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-70-2	Calcium	metals-AES	UG/L	47,000		55,000		61,000		67,000		66,000		71,000		41,000	
7440-47-3	Chromium	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-48-4	Cobalt	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U
7439-89-6	Iron	metals-AES	UG/L	50	U	50	U	50	U	50	U	50	U	50	U	50	U
7439-92-1	Lead	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7439-95-4	Magnesium	metals-AES	UG/L	24,000		25,000		26,000		27,000		27,000		24,000		22,000	
7439-96-5	Manganese	metals-AES	UG/L	5	U	5	U	62		5	U	5	U	48		5	U
7439-97-6	Mercury	metals-AES	UG/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
9/7/7440	Potassium	metals-AES	UG/L	1,800		1,600		1,400		1,600		1,500		1,100		1,900	
7782-49-2	Selenium	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-23-5	Sodium	metals-AES	UG/L	22,000		23,000		23,000		25,000		23,000		28,000		21,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
7440-62-2	Vanadium	metals-AES	UG/L	26		26		22		22		23		20	U	21	
7440-66-6	Zinc	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
57-12-5	Cyanide	CYANIDE	UG/L														

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	MPW-2-P2-S2		MPW-2-P3-S2		MPW-2-P4-S2		MPW-3-P1-S2		MPW-3-P2-S2		MPW-3-P3-S2		MPW-3-P4-S2	
			Sample Name														
			Sample Date	7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	165 to 175 ft		178 to 188 ft		214 to 222 ft		131 to 146 ft		150 to 162 ft		168 to 174 ft		178 to 188 ft	
(Group Code)	**(Group Description)**																
7-METALS	**Inorganic Analytes**																
7429-90-5	Aluminum	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-36-0	Antimony	metals-AES	UG/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7440-39-3	Barium	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-41-7	Beryllium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-70-2	Calcium	metals-AES	UG/L	45,000		47,000		41,000		55,000		59,000		63,000		65,000	
7440-47-3	Chromium	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-48-4	Cobalt	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U
7439-89-6	Iron	metals-AES	UG/L	50	U	870		50	U	50	U	50	U	50	U	50	U
7439-92-1	Lead	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7439-95-4	Magnesium	metals-AES	UG/L	24,000		24,000		19,000		26,000		26,000		27,000		27,000	
7439-96-5	Manganese	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	8.9	
7439-97-6	Mercury	metals-AES	UG/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
9/7/7440	Potassium	metals-AES	UG/L	1,900		1,900		1,500		1,700		1,700		1,700		1,700	
7782-49-2	Selenium	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-23-5	Sodium	metals-AES	UG/L	21,000		21,000		22,000		24,000		24,000		25,000		26,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
7440-62-2	Vanadium	metals-AES	UG/L	20		20		20	U	20	U	20	U	20	U	20	
7440-66-6	Zinc	metals-AES	UG/L	20	U	20	U	25		20	U	20	U	20	U	20	U
57-12-5	Cyanide	CYANIDE	UG/L														

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	MPW-3-P5-S2		MPW-4-P1-S2		MPW-4-P2-S2		MPW-4-P3-S2		MPW-4-P4-S2		MPW-5-P1-S2		MPW-5-P2-S2	
			Sample Name														
			Sample Date	7/22/2010		7/23/2010		7/23/2010		7/23/2010		7/23/2010		7/21/2010		7/21/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	194 to 204 ft		138 to 149 ft		152 to 160 ft		164 to 174 ft		210 to 224 ft		130 to 144 ft		148 to 154 ft	
(Group Code)	**(Group Description)**																
7-METALS	**Inorganic Analytes**																
7429-90-5	Aluminum	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-36-0	Antimony	metals-AES	UG/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7440-39-3	Barium	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-41-7	Beryllium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-70-2	Calcium	metals-AES	UG/L	66,000		49,000		49,000		52,000		50,000		40,000		41,000	
7440-47-3	Chromium	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-48-4	Cobalt	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U
7439-89-6	Iron	metals-AES	UG/L	50	U	50	U	50	U	50	U	50	U	50	U	50	U
7439-92-1	Lead	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7439-95-4	Magnesium	metals-AES	UG/L	28,000		27,000		26,000		26,000		23,000		22,000		22,000	
7439-96-5	Manganese	metals-AES	UG/L	12		5	U	5	U	5	U	7.3		12		11	
7439-97-6	Mercury	metals-AES	UG/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
9/7/7440	Potassium	metals-AES	UG/L	1,800		1,900		1,800		1,800		1,600		2,000		2,100	
7782-49-2	Selenium	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-23-5	Sodium	metals-AES	UG/L	26,000		22,000		21,000		21,000		22,000		19,000		20,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
7440-62-2	Vanadium	metals-AES	UG/L	21		20		21		21		21		26		27	
7440-66-6	Zinc	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
57-12-5	Cyanide	CYANIDE	UG/L														

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	MPW-5-P3-S2		MPW-5-P4-S2		MPW-5-P5-S2		MPW-5-P6-S2		MPW-5-P7-S2		MPW-5-P7-S2-DUP		MPW-6-P5-S2	
			Sample Name											MPW-55-P7-S2			
			Sample Date	7/21/2010		7/21/2010		7/21/2010		7/21/2010		7/21/2010		7/21/2010		7/30/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	157 to 170 ft		202 to 212 ft		260 to 274 ft		277 to 287 ft		302 to 324 ft		302 to 324 ft		0 to 225 ft	
(Group Code)	**(Group Description)**																
7-METALS	**Inorganic Analytes**																
7429-90-5	Aluminum	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-36-0	Antimony	metals-AES	UG/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7440-39-3	Barium	metals-AES	UG/L	100	U	100	U	100	U	100	U	100	U	100	U	100	U
7440-41-7	Beryllium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-70-2	Calcium	metals-AES	UG/L	40,000		48,000		67,000		68,000		67,000		67,000		48,000	
7440-47-3	Chromium	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	6	
7440-48-4	Cobalt	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U	10	U	10	U	10	U	10	U	10	U	10	U
7439-89-6	Iron	metals-AES	UG/L	50	U	50	U	50	U	50	U	50	U	50	U	300	
7439-92-1	Lead	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7439-95-4	Magnesium	metals-AES	UG/L	23,000		24,000		20,000		20,000		20,000		19,000		18,000	
7439-96-5	Manganese	metals-AES	UG/L	5	U	54		5	U	6.6		17		22		6.3	
7439-97-6	Mercury	metals-AES	UG/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
9/7/7440	Potassium	metals-AES	UG/L	2,100		1,800		1,600		1,400		1,000		920		2,100	
7782-49-2	Selenium	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-23-5	Sodium	metals-AES	UG/L	20,000		21,000		22,000		23,000		26,000		26,000		22,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U
7440-62-2	Vanadium	metals-AES	UG/L	27		25		24		24		24		23		20	U
7440-66-6	Zinc	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U
57-12-5	Cyanide	CYANIDE	UG/L														

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	SMW-1-S2		SMW-1-S2-DUP		SMW-2-S2		SMW-3-S2		SMW-5-S2		SMW-9-S2		SMW-10-S2		SMW-10-S2-DUP	
			Sample Name			SMW-01-S2												SMW-010-S2	
			Sample Date	7/26/2010		7/26/2010		7/26/2010		7/26/2010		7/26/2010		7/27/2010		7/29/2010		7/29/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 55 ft		to 55 ft		to 102 ft		to 74 ft		to 57 ft		to 90 ft		to 70 ft		to 70 ft	
(Group Code)	**(Group Description)**																		
7-METALS	**Inorganic Analytes**																		
7429-90-5	Aluminum	metals-AES	UG/L	240		260		13,000		1,500		160		6,200		1,200		2,900	
7440-36-0	Antimony	metals-AES	UG/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7440-39-3	Barium	metals-AES	UG/L	130		130		630		640		280		290		210		270	
7440-41-7	Beryllium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
7440-70-2	Calcium	metals-AES	UG/L	41,000		40,000		93,000		45,000		17,000		51,000		26,000		33,000	
7440-47-3	Chromium	metals-AES	UG/L	6.9		7.2		46		5.7		5	U	14		5	U	14	
7440-48-4	Cobalt	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U	10	U	42		10	U	10	U	18		10	U	10	U
7439-89-6	Iron	metals-AES	UG/L	380		380		17,000		1,800		170		8,000		89		340	
7439-92-1	Lead	metals-AES	UG/L	8	U	8	U	8	U	8	U	8	U	8	U	8	U	8	U
7439-95-4	Magnesium	metals-AES	UG/L	19,000		19,000		60,000		25,000		7,600		16,000		6,200		12,000	
7439-96-5	Manganese	metals-AES	UG/L	260		240		1,200		1,600		17		390		7.3		21	
7439-97-6	Mercury	metals-AES	UG/L	0.2	U	0.2	U	0.54		2.3		0.2	U	0.2	U	0.2	U	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U	20	U	26		20	U	20	U	20	U	20	U	20	U
9/7/7440	Potassium	metals-AES	UG/L	2,500		2,500		5,200		4,500		1,500		3,700		51,000		51,000	
7782-49-2	Selenium	metals-AES	UG/L	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
7440-23-5	Sodium	metals-AES	UG/L	30,000		30,000		52,000		45,000		22,000		13,000		120,000		110,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
7440-62-2	Vanadium	metals-AES	UG/L	20		20		54		20	U	20	U	20		67		71	
7440-66-6	Zinc	metals-AES	UG/L	20	U	20	U	41		20	U	20	U	25		20	U	20	U
57-12-5	Cyanide	CYANIDE	UG/L																

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - METALS

			Sample Code	SMW-12-S2	
			Sample Name		
			Sample Date	7/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to 85 ft	
(Group Code)	**(Group Description)**				
7-METALS	**Inorganic Analytes**				
7429-90-5	Aluminum	metals-AES	UG/L	780	
7440-36-0	Antimony	metals-AES	UG/L	2	U
7440-38-2	Arsenic	metals-AES	UG/L	8	U
7440-39-3	Barium	metals-AES	UG/L	190	
7440-41-7	Beryllium	metals-AES	UG/L	3	U
7440-43-9	Cadmium	metals-AES	UG/L	3	U
7440-70-2	Calcium	metals-AES	UG/L	23,000	
7440-47-3	Chromium	metals-AES	UG/L	5	U
7440-48-4	Cobalt	metals-AES	UG/L	20	U
7440-50-8	Copper	metals-AES	UG/L	10	U
7439-89-6	Iron	metals-AES	UG/L	1,000	
7439-92-1	Lead	metals-AES	UG/L	8	U
7439-95-4	Magnesium	metals-AES	UG/L	11,000	
7439-96-5	Manganese	metals-AES	UG/L	230	
7439-97-6	Mercury	metals-AES	UG/L	0.2	U
7440-02-0	Nickel	metals-AES	UG/L	20	U
9/7/7440	Potassium	metals-AES	UG/L	24,000	
7782-49-2	Selenium	metals-AES	UG/L	20	U
7440-22-4	Silver	metals-AES	UG/L	5	U
7440-23-5	Sodium	metals-AES	UG/L	64,000	
7440-28-0	Thallium	metals-AES	UG/L	1	U
7440-62-2	Vanadium	metals-AES	UG/L	20	U
7440-66-6	Zinc	metals-AES	UG/L	20	U
57-12-5	Cyanide	CYANIDE	UG/L		

Groundwater Round 2

Volatile Organic Compounds

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	CIDRA-3-S2		CIDRA-4-S2		CIDRA-6-S2		CIDRA-8-S2		IVAX-2-S2		IVAX-2-S2-DUP	
			Sample Name											IVAX-02-S2	
			Sample Date	7/27/2010		7/27/2010		7/28/2010		7/28/2010		7/23/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 73 ft		0 to 102 ft		0 to 250 ft		0 to 280 ft		to		to	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	0.43	J	0.5	U	0.1	J	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	0.085	J	0.5	U	0.5	U	0.089	J	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	39	J	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.41	J	0.37	J
67-64-1	Acetone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	0.5	U	0.5	U	0.18	J	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.085	J	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.45	J	0.5	U	0.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.18	J	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	2.8	J	2.9	J
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	16		0.5	U	0.5	U
78-93-3	2-Butanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	VOA-W	ug/L	5.9		0.5	U	5.2		4.3		68	J	71	J
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
71-43-2	Benzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	3.3		0.5	U	0.5	U
108-87-2	Metylcyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.21	J	0.5	U	0.42	J	0.1	J	0.44	J	0.48	J
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.16	J	0.18	J
127-18-4	Tetrachloroethene	VOA-W	ug/L	1.4		0.5	U	0.21	J	85		0.78		0.76	
591-78-6	2-Hexanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.075	J	0.088	J

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	CIDRA-3-S2		CIDRA-4-S2		CIDRA-6-S2		CIDRA-8-S2		IVAX-2-S2		IVAX-2-S2-DUP	
			Sample Name											IVAX-02-S2	
			Sample Date	7/27/2010		7/27/2010		7/28/2010		7/28/2010		7/23/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 73 ft		0 to 102 ft		0 to 250 ft		0 to 280 ft		to		to	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	IVAX-Abandon-S2		MPW-1-P1-S2		MPW-1-P2-S2		MPW-1-P3-S2		MPW-1-P4-S2		MPW-1-P5-S2	
			Sample Name												
			Sample Date	7/28/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 218 ft		121 to 129 ft		132 to 144 ft		148 to 160 ft		228 to 237 ft		241 to 253 ft	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	0.5	U	0.5	U	0.14	J	0.16	J	0.38	J	0.71	
74-87-3	Chloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.074	J	0.096	J	0.099	J	0.096	J
75-00-3	Chloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.36	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.14	J	0.5	U	0.068	J	0.17	J	0.086	J	0.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	0.46	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	6.6	J	0.5	U	0.5	U	0.08	J	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	0.06	J	0.5	U	0.66		1.6		0.72		0.5	U
78-93-3	2-Butanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	VOA-W	ug/L	210	J	2.9		3.7		4.7		7.2		10	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	0.5	U	0.21	J	0.4	J	0.37	J	0.74		1.5	
71-43-2	Benzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	0.084	J	0.51		0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.86		0.29	J	0.35	J	0.33	J	0.46	J	0.69	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	VOA-W	ug/L	0.5	U	0.24	J	0.25	J	1.7		0.15	J	0.12	J
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	0.52	J	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
127-18-4	Tetrachloroethene	VOA-W	ug/L	1.6		12		3.2		2		0.47	J	0.13	J
591-78-6	2-Hexanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.18	J	0.5	U	0.084	J	0.082	J	0.077	J	0.093	J

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	IVAX-Abandon-S2		MPW-1-P1-S2		MPW-1-P2-S2		MPW-1-P3-S2		MPW-1-P4-S2		MPW-1-P5-S2	
			Sample Name												
			Sample Date	7/28/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 218 ft		121 to 129 ft		132 to 144 ft		148 to 160 ft		228 to 237 ft		241 to 253 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.14	J	0.26	J	0.34	J	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-1-P6-S2		MPW-2-P1-S2		MPW-2-P2-S2		MPW-2-P3-S2		MPW-2-P4-S2		MPW-3-P1-S2	
			Sample Name												
			Sample Date	7/20/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	276 to 283 ft		144 to 154 ft		165 to 175 ft		178 to 188 ft		214 to 222 ft		131 to 146 ft	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	0.26	J	0.61		0.57	J	0.85		1.2		0.63	
74-87-3	Chloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	VOA-W	ug/L	0.087	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	0.5	U	0.22	J	0.18	J	0.5	U	0.5	U	0.12	J
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.14	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	1.7	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	VOA-W	ug/L	2.9		24	J	25	J	12		11		6.8	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	0.5	U	0.48	J	0.2	J	0.34	J	0.5	U	0.5	U
71-43-2	Benzene	VOA-W	ug/L	0.56		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.17	J	1.3		0.35	J	0.94		1.5		0.77	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	VOA-W	ug/L	18		0.23	J	0.34	J	0.35	J	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	VOA-W	ug/L	0.33	J	0.45	J	0.23	J	0.68		0.5	U	2.1	
591-78-6	2-Hexanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.5	U	0.1	J	0.5	U	0.066	J	0.15	J	0.078	J

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-1-P6-S2		MPW-2-P1-S2		MPW-2-P2-S2		MPW-2-P3-S2		MPW-2-P4-S2		MPW-3-P1-S2	
			Sample Name												
			Sample Date	7/20/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	276 to 283 ft		144 to 154 ft		165 to 175 ft		178 to 188 ft		214 to 222 ft		131 to 146 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	0.49	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	0.32	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
98-82-8	Isopropylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-3-P2-S2		MPW-3-P3-S2		MPW-3-P4-S2		MPW-3-P5-S2		MPW-4-P1-S2		MPW-4-P2-S2	
			Sample Name												
			Sample Date	7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/23/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	150 to 162 ft		168 to 174 ft		178 to 188 ft		194 to 204 ft		138 to 149 ft		152 to 160 ft	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	0.83		0.83		0.74		0.61		0.74		0.88	
74-87-3	Chloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	0.15	J	0.15	J	0.13	J	0.1	J	0.24	J	0.24	J
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.1	J	0.12	J	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.33	J	0.36	J	0.5	U	0.5	U
78-93-3	2-Butanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	VOA-W	ug/L	7.1		6.1		3.9		3		19		18	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	0.2	J	0.21	J	0.5	U	0.5	U	0.27	J	0.23	J
71-43-2	Benzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.18	J	0.15	J	0.5	U	0.5	U
108-87-2	Metylcyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.89		0.74		0.34	J	0.2	J	0.5	U	0.15	J
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	VOA-W	ug/L	2.8		2.6		2.3		2		1.3		1.4	
591-78-6	2-Hexanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.092	J	0.069	J	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-3-P2-S2		MPW-3-P3-S2		MPW-3-P4-S2		MPW-3-P5-S2		MPW-4-P1-S2		MPW-4-P2-S2	
			Sample Name												
			Sample Date	7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/23/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	150 to 162 ft		168 to 174 ft		178 to 188 ft		194 to 204 ft		138 to 149 ft		152 to 160 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.14	J	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	0.5	UJ	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	MPW-4-P3-S2 7/23/2010 164 to 174 ft		MPW-4-P4-S2 7/23/2010 210 to 224 ft		MPW-5-P1-S2 7/21/2010 130 to 144 ft		MPW-5-P2-S2 7/21/2010 148 to 154 ft		MPW-5-P3-S2 7/21/2010 157 to 170 ft		MPW-5-P4-S2 7/21/2010 202 to 212 ft	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	0.76		1.1		0.23	J	0.2	J	0.16	J	0.28	J
74-87-3	Chloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.1	J	0.094	J	0.5	U	0.5	U
75-00-3	Chloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	0.28	J	0.085	J	0.5	U	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.098	J	0.078	J	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.093	J
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	0.5	U	0.5	U	0.27	J	0.27	J	0.26	J	0.24	J
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.073	J	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.27	J	0.24	J	0.24	J	2.8	
78-93-3	2-Butanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	VOA-W	ug/L	19		7.6		7.6		7.6		7		7.1	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	0.33	J	0.21	J	0.28	J	0.25	J	0.25	J	0.26	J
71-43-2	Benzene	VOA-W	ug/L	0.5	U	0.5	U	0.12	J	0.079	J	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	0.5	U	0.5	U	0.17	J	0.15	J	0.11	J	0.42	J
108-87-2	Metylcyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.27	J	0.31	J	0.87		0.83	J	0.74		0.64	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	VOA-W	ug/L	0.5	U	2.1		0.12	J	0.11	J	0.5	U	0.27	J
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U
127-18-4	Tetrachloroethene	VOA-W	ug/L	2		1.8		1.6		1.5		2.6		8.5	
591-78-6	2-Hexanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.13	J	0.12	J	0.081	J	0.072	J

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-4-P3-S2		MPW-4-P4-S2		MPW-5-P1-S2		MPW-5-P2-S2		MPW-5-P3-S2		MPW-5-P4-S2	
			Sample Name												
			Sample Date	7/23/2010		7/23/2010		7/21/2010		7/21/2010		7/21/2010		7/21/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	164 to 174 ft		210 to 224 ft		130 to 144 ft		148 to 154 ft		157 to 170 ft		202 to 212 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-5-P5-S2		MPW-5-P6-S2		MPW-5-P7-S2		MPW-5-P7-S2-DUP		MPW-6-P5-S2		SMW-1-S2	
			Sample Name							MPW-55-P7-S2					
			Sample Date	7/21/2010		7/21/2010		7/21/2010		7/21/2010		7/30/2010		7/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	260 to 274 ft		277 to 287 ft		302 to 324 ft		302 to 324 ft		0 to 225 ft		0 to 58 ft	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	0.098	J	0.095	J	0.082	J	0.5	U	0.5	U	5	U
74-87-3	Chloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.15	J	5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
74-83-9	Bromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-00-3	Chloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	0.5	U	0.5	U	3.6	J	3.4	J	17	J	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.22	J	5	U
67-64-1	Acetone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	50	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.13	J	0.17	J	0.48	J	0.59	J	0.5	U	5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.092	J	0.087	J	2	J	5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	20		28		32	J	31	J	0.5	U	21	
78-93-3	2-Butanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	50	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
67-66-3	Chloroform	VOA-W	ug/L	4.8		4.1		3.5		3.3		65	J	9.4	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
110-82-7	Cyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	0.24	J	0.17	J	0.16	J	0.5	U	0.5	U	5	U
71-43-2	Benzene	VOA-W	ug/L	0.5	U	0.2	J	0.16	J	0.16	J	0.5	U	5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	5		3.9		5.3		4.7		0.5	U	14	
108-87-2	Metylcyclohexane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.41	J	5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	5	UJ
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	50	U
108-88-3	Toluene	VOA-W	ug/L	0.61		1.6		1.6		2.1		0.5	U	5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	5	UJ
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.16	J	5	UJ
127-18-4	Tetrachloroethene	VOA-W	ug/L	120		73		86		68		0.82		680	
591-78-6	2-Hexanone	VOA-W	ug/L	5	U	5	U	5	U	5	U	5	U	50	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.069	J	5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	MPW-5-P5-S2		MPW-5-P6-S2		MPW-5-P7-S2		MPW-5-P7-S2-DUP		MPW-6-P5-S2		SMW-1-S2	
			Sample Name							MPW-55-P7-S2					
			Sample Date	7/21/2010		7/21/2010		7/21/2010		7/21/2010		7/30/2010		7/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	260 to 274 ft		277 to 287 ft		302 to 324 ft		302 to 324 ft		0 to 225 ft		0 to 58 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	0.5	U	0.27	J	0.5	U	0.073	J	0.5	U	5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
95-47-6	o-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
100-42-5	Styrene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-25-2	Bromoform	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	SMW-1-S2-DUP		SMW-2-S2		SMW-3-S2		SMW-5-S2		SMW-9-S2		SMW-10-S2	
			Sample Name	SMW-01-S2											
			Sample Date	7/26/2010		7/26/2010		7/26/2010		7/26/2010		7/27/2010		7/29/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to 58 ft		to 102 ft		to 74 ft		to 57 ft		to 90 ft		to 70 ft	
(Group Code)	**(Group Description)**														
1-VOA-W	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	1	U	0.2	J	0.5	U	0.5	U	0.5	U	5	U
74-87-3	Chloromethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.11	J	5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.17	J	5	U
74-83-9	Bromomethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-00-3	Chloroethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	11		0.5	U	0.5	U	0.5	U	0.5	U	31	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	0.3	J	0.5	U	0.5	U	0.5	U	0.5	U	5	U
67-64-1	Acetone	VOA-W	ug/L	10	U	5	U	41		5	U	5	U	50	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
79-20-9	Methyl Acetate	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	0.16	J	0.5	U	0.5	U	0.5	U	0.15	J	5	U
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	0.14	J	0.5	U	0.5	U	0.5	U	0.61		5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	1	U	0.5	U	350		0.5	U	0.5	U	5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	0.19	J	0.5	U	0.5	U	0.5	U	0.5	U	5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	24		0.5	U	0.5	U	0.5	U	74		60	
78-93-3	2-Butanone	VOA-W	ug/L	10	U	5	U	5	U	5	U	5	U	50	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
67-66-3	Chloroform	VOA-W	ug/L	12		12		1.7		0.5	U	15		5	U
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
110-82-7	Cyclohexane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
71-43-2	Benzene	VOA-W	ug/L	1	U	0.5	U	3.3		0.5	U	0.5	U	5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L												
79-01-6	Trichloroethene	VOA-W	ug/L	15		0.5	U	0.5	U	0.5	U	9.7		31	
108-87-2	Metylcyclohexane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	0.65	J	0.64		0.5	U	0.5	U	0.23	J	5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	1	UJ	0.5	U	0.5	U	0.5	U	0.5	UJ	5	UJ
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	10	U	5	U	5	U	5	U	5	U	50	U
108-88-3	Toluene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	1	UJ	0.5	U	0.5	U	0.5	U	0.5	UJ	5	UJ
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	1	UJ	0.5	U	0.5	U	0.5	U	0.5	UJ	5	UJ
127-18-4	Tetrachloroethene	VOA-W	ug/L	680		0.5	U	0.5	U	0.5	U	57		1700	
591-78-6	2-Hexanone	VOA-W	ug/L	10	U	5	U	5	U	5	U	5	U	50	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	0.11	J	0.13	J	0.5	U	0.5	U	0.07	J	5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	SMW-1-S2-DUP		SMW-2-S2		SMW-3-S2		SMW-5-S2		SMW-9-S2		SMW-10-S2	
			Sample Name	SMW-01-S2											
			Sample Date	7/26/2010		7/26/2010		7/26/2010		7/26/2010		7/27/2010		7/29/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to 58 ft		to 102 ft		to 74 ft		to 57 ft		to 90 ft		to 70 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
95-47-6	o-Xylene	VOA-W	ug/L	1	U	0.5	U	0.87		0.5	U	0.5	U	5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
100-42-5	Styrene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
75-25-2	Bromoform	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	1	U	0.5	U	2.1		0.5	U	0.5	U	5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	1	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	SMW-10-S2-DUP		SMW-12-S2	
			Sample Name	SMW-010-S2			
			Sample Date	7/29/2010		7/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to 70 ft		to 85 ft	
(Group Code)	**(Group Description)**						
1-VOA-W	**Volatile Organic Compounds**						
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	5	U	0.12	J
74-87-3	Chloromethane	VOA-W	ug/L	5	U	0.5	U
75-01-4	Vinyl Chloride	VOA-W	ug/L	5	U	0.5	U
74-83-9	Bromomethane	VOA-W	ug/L	5	U	0.5	U
75-00-3	Chloroethane	VOA-W	ug/L	5	U	0.5	U
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	5	U	0.5	U
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	29		0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	5	U	0.5	U
67-64-1	Acetone	VOA-W	ug/L	50	U	5	U
75-15-0	Carbon Disulfide	VOA-W	ug/L	5	U	0.17	J
79-20-9	Methyl Acetate	VOA-W	ug/L	5	U	0.5	U
75-09-2	Methylene Chloride	VOA-W	ug/L	5	U	0.16	J
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	5	U	0.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	5	U	0.5	U
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	55		0.5	U
78-93-3	2-Butanone	VOA-W	ug/L	50	U	5	U
74-97-5	Chlorobromomethane	VOA-W	ug/L	5	U	0.5	U
67-66-3	Chloroform	VOA-W	ug/L	5	U	3.6	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	5	U	0.5	U
110-82-7	Cyclohexane	VOA-W	ug/L	5	U	0.5	U
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	U	0.5	U
71-43-2	Benzene	VOA-W	ug/L	5	U	0.5	U
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	U	0.5	U
123-91-1	1,4-Dioxane	VOA-W	ug/L				
79-01-6	Trichloroethene	VOA-W	ug/L	29		0.5	U
108-87-2	Metylcyclohexane	VOA-W	ug/L	5	U	0.5	U
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	5	U	0.5	U
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	5	UJ	0.5	UJ
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	50	U	5	U
108-88-3	Toluene	VOA-W	ug/L	5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	5	UJ	0.5	UJ
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	UJ	0.5	UJ
127-18-4	Tetrachloroethene	VOA-W	ug/L	1600		0.5	U
591-78-6	2-Hexanone	VOA-W	ug/L	50	U	5	U
124-48-1	Dibromochloromethane	VOA-W	ug/L	5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2- VOLATILE ORGANIC COMPOUNDS

			Sample Code	SMW-10-S2-DUP		SMW-12-S2	
			Sample Name	SMW-010-S2			
			Sample Date	7/29/2010		7/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	to 70 ft		to 85 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	5	U	0.5	U

Groundwater Round 2

Volatile Organic Compound Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	CIDRA-3-S2			CIDRA-4-S2			CIDRA-6-S2			CIDRA-8-S2			IVAX-2-S2		
			Sample Name																
			Sample Date	STANDARD - SD	7/27/2010			7/27/2010			7/28/2010			7/28/2010			7/23/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 73 ft			0 to 102 ft			0 to 250 ft			0 to 280 ft			to		
(Group Code)	**(Group Description)**																		
1-VOA-W	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.43	J	~	0.5	U		0.1	J	~	0.5	U		0.5	U	
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.085	J	~	0.5	U		0.5	U		0.089	J	~	0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		39	J	A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.41	J	~
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.18	J	~	0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.085	J	~	0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.45	J	~	0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.18	J	~	0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		2.8	J	~
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		16		~	0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	5.9		#	0.5	U		5.2		#	4.3		#	68	J	#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L																
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		3.3		#	0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.21	J	#	0.5	U		0.42	J	#	0.1	J	#	0.44	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	UJ		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	UJ		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	UJ		0.5	UJ		0.16	J	#
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	1.4		#	0.5	U		0.21	J	#	85		A	0.78		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		0.075	J	~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	CIDRA-3-S2		CIDRA-4-S2		CIDRA-6-S2		CIDRA-8-S2		IVAX-2-S2	
			Sample Name											
			Sample Date	STANDARD - SD	7/27/2010		7/27/2010		7/28/2010		7/28/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 73 ft		0 to 102 ft		0 to 250 ft		0 to 280 ft		to	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	PRGW-2-06 STANDARD - SD	IVAX-2-S2-DUP IVAX-02-S2 7/23/2010 to			IVAX-Abandon-S2 7/28/2010 0 to 218 ft			MPW-1-P1-S2 7/20/2010 121 to 129 ft			MPW-1-P2-S2 7/20/2010 132 to 144 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.14	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.074	J	~
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.37	J	~	0.36	J	~	0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.14	J	~	0.5	U		0.068	J	~
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.46	J	~	0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	2.9	J	~	6.6	J	~	0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.06	J	~	0.5	U		0.66		~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	71	J	#	210	J	A	2.9		#	3.7		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.21	J	#	0.4	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.084	J	#	0.51		#	0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.48	J	#	0.86		#	0.29	J	#	0.35	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	U		0.5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.24	J	#	0.25	J	#
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	U		0.5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.18	J	#	0.52	J	#	0.5	U		0.5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	0.76		#	1.6		#	12		A	3.2		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.088	J	~	0.18	J	~	0.5	U		0.084	J	~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	IVAX-2-S2-DUP			IVAX-Abandon-S2			MPW-1-P1-S2			MPW-1-P2-S2		
			Sample Name		IVAX-02-S2											
			Sample Date	STANDARD - SD	7/23/2010			7/28/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to			0 to 218 ft			121 to 129 ft			132 to 144 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.14	J	#
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-1-P3-S2			MPW-1-P4-S2			MPW-1-P5-S2			MPW-1-P6-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/20/2010			7/20/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		148 to 160 ft			228 to 237 ft			241 to 253 ft			276 to 283 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.16	J	~	0.38	J	~	0.71		~	0.26	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.096	J	~	0.099	J	~	0.096	J	~	0.087	J	~
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	UJ	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.17	J	~	0.086	J	~	0.5	U		0.14	J	~
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	UJ	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.08	J	~	0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	1.6		~	0.72		~	0.5	U		1.7	J	~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	4.7		#	7.2		#	10		#	2.9		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.37	J	#	0.74		#	1.5		#	0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.56		#
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.33	J	#	0.46	J	#	0.69		#	0.17	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	UJ		0.5	UJ		0.5	UJ		0.5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	1.7		#	0.15	J	#	0.12	J	#	18		#
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	UJ		0.5	UJ		0.5	UJ		0.5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	UJ		0.5	UJ		0.5	UJ		0.5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	2		#	0.47	J	#	0.13	J	#	0.33	J	#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.082	J	~	0.077	J	~	0.093	J	~	0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-1-P3-S2			MPW-1-P4-S2			MPW-1-P5-S2			MPW-1-P6-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/20/2010			7/20/2010			7/20/2010			7/20/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		148 to 160 ft			228 to 237 ft			241 to 253 ft			276 to 283 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.26	J	#	0.34	J	#	0.5	U		0.49	J	#
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.32	J	~
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-2-P1-S2			MPW-2-P2-S2			MPW-2-P3-S2			MPW-2-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		144 to 154 ft			165 to 175 ft			178 to 188 ft			214 to 222 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.61		~	0.57	J	~	0.85		~	1.2		~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.22	J	~	0.18	J	~	0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	24	J	#	25	J	#	12		#	11		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.48	J	#	0.2	J	#	0.34	J	#	0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	1.3		#	0.35	J	#	0.94		#	1.5		#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.23	J	#	0.34	J	#	0.35	J	#	0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	0.45	J	#	0.23	J	#	0.68		#	0.5	U	
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.1	J	~	0.5	U		0.066	J	~	0.15	J	~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-2-P1-S2		MPW-2-P2-S2		MPW-2-P3-S2		MPW-2-P4-S2	
			Sample Name									
			Sample Date	STANDARD - SD	7/22/2010		7/22/2010		7/22/2010		7/22/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		144 to 154 ft		165 to 175 ft		178 to 188 ft		214 to 222 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	UJ	0.5	UJ
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P1-S2			MPW-3-P2-S2			MPW-3-P3-S2			MPW-3-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		131 to 146 ft			150 to 162 ft			168 to 174 ft			178 to 188 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.63		~	0.83		~	0.83		~	0.74		~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.12	J	~	0.15	J	~	0.15	J	~	0.13	J	~
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.1	J	~
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.33	J	~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	6.8		#	7.1		#	6.1		#	3.9		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.2	J	#	0.21	J	#	0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.18	J	#
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.77		#	0.89		#	0.74		#	0.34	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	2.1		#	2.8		#	2.6		#	2.3		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.078	J	~	0.092	J	~	0.069	J	~	0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P1-S2			MPW-3-P2-S2			MPW-3-P3-S2			MPW-3-P4-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/22/2010			7/22/2010			7/22/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		131 to 146 ft			150 to 162 ft			168 to 174 ft			178 to 188 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.14	J	#
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	UJ		0.5	UJ		0.5	UJ		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P5-S2			MPW-4-P1-S2			MPW-4-P2-S2			MPW-4-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/22/2010			7/23/2010			7/23/2010			7/23/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		194 to 204 ft			138 to 149 ft			152 to 160 ft			164 to 174 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.61		~	0.74		~	0.88		~	0.76		~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.1	J	~	0.24	J	~	0.24	J	~	0.28	J	~
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.12	J	~	0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.36	J	~	0.5	U		0.5	U		0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	3		#	19		#	18		#	19		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.27	J	#	0.23	J	#	0.33	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.15	J	#	0.5	U		0.5	U		0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.2	J	#	0.5	U		0.15	J	#	0.27	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	2		#	1.3		#	1.4		#	2		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-3-P5-S2		MPW-4-P1-S2		MPW-4-P2-S2		MPW-4-P3-S2	
			Sample Name									
			Sample Date	STANDARD - SD	7/22/2010		7/23/2010		7/23/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		194 to 204 ft		138 to 149 ft		152 to 160 ft		164 to 174 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U	0.5	U	0.5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U	0.5	U	0.5	U	0.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-4-P4-S2			MPW-5-P1-S2			MPW-5-P2-S2			MPW-5-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/23/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		210 to 224 ft			130 to 144 ft			148 to 154 ft			157 to 170 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	1.1		~	0.23	J	~	0.2	J	~	0.16	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.1	J	~	0.094	J	~	0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.085	J	~	0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	UJ		0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.098	J	~	0.078	J	~	0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.27	J	~	0.27	J	~	0.26	J	~
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.073	J	~	0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.27	J	~	0.24	J	~	0.24	J	~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	7.6		#	7.6		#	7.6		#	7		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.21	J	#	0.28	J	#	0.25	J	#	0.25	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.12	J	#	0.079	J	#	0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.17	J	#	0.15	J	#	0.11	J	#
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	UJ		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.31	J	#	0.87		#	0.83	J	#	0.74		#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	UJ		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	2.1		#	0.12	J	#	0.11	J	#	0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		0.5	UJ		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	UJ		0.5	UJ		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	1.8		#	1.6		#	1.5		#	2.6		#
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.5	U		0.13	J	~	0.12	J	~	0.081	J	~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-4-P4-S2			MPW-5-P1-S2			MPW-5-P2-S2			MPW-5-P3-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/23/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		210 to 224 ft			130 to 144 ft			148 to 154 ft			157 to 170 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P4-S2			MPW-5-P5-S2			MPW-5-P6-S2			MPW-5-P7-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/21/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		202 to 212 ft			260 to 274 ft			277 to 287 ft			302 to 324 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.28	J	~	0.098	J	~	0.095	J	~	0.082	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		3.6	J	#
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.093	J	~	0.13	J	~	0.17	J	~	0.48	J	~
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.24	J	~	0.5	U		0.5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.092	J	~
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	2.8		~	20		~	28		~	32	J	~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	7.1		#	4.8		#	4.1		#	3.5		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.26	J	#	0.24	J	#	0.17	J	#	0.16	J	#
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		0.5	U		0.2	J	#	0.16	J	#
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.42	J	#	5		#	3.9		#	5.3		A
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.64		#	0.5	U		0.5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.27	J	#	0.61		#	1.6		#	1.6		#
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	8.5		A	120		A	73		A	86		A
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.072	J	~	0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P4-S2			MPW-5-P5-S2			MPW-5-P6-S2			MPW-5-P7-S2		
			Sample Name													
			Sample Date	STANDARD - SD	7/21/2010			7/21/2010			7/21/2010			7/21/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		202 to 212 ft			260 to 274 ft			277 to 287 ft			302 to 324 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.27	J	#	0.5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		0.5	U		0.5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P7-S2-DUP			MPW-6-P5-S2			SMW-1-S2			SMW-1-S2-DUP		
			Sample Name		MPW-55-P7-S2									SMW-01-S2		
			Sample Date	STANDARD - SD	7/21/2010			7/30/2010			7/26/2010			7/26/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		302 to 324 ft			0 to 225 ft			0 to 55 ft			to 55 ft		
(Group Code)	**(Group Description)**															
1-VOA-W	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.15	J	~	5	U		1	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		5	U		1	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	3.4	J	#	17	J	A	5	U		11		A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.22	J	~	5	U		0.3	J	~
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		0.16	J	~
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.59	J	~	0.5	U		5	U		0.14	J	~
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.087	J	~	2	J	~	5	U		0.19	J	~
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	31	J	~	0.5	U		21		~	24		~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
67-66-3	Chloroform	VOA-W	ug/L	100	3.3		#	65	J	#	9.4		#	12		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		5	U		1	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		5	U		1	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.16	J	#	0.5	U		5	U		1	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		5	U		1	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L													
79-01-6	Trichloroethene	VOA-W	ug/L	5	4.7		#	0.5	U		14		A	15		A
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.5	U		0.41	J	#	5	U		0.65	J	#
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		5	UJ		1	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
108-88-3	Toluene	VOA-W	ug/L	1000	2.1		#	0.5	U		5	U		1	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	UJ		5	UJ		1	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.16	J	#	5	UJ		1	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	68		A	0.82		#	680		A	680		A
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		50	U		10	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.5	U		0.069	J	~	5	U		0.11	J	~

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	MPW-5-P7-S2-DUP			MPW-6-P5-S2			SMW-1-S2			SMW-1-S2-DUP		
			Sample Name		MPW-55-P7-S2									SMW-01-S2		
			Sample Date	STANDARD - SD	7/21/2010			7/30/2010			7/26/2010			7/26/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		302 to 324 ft			0 to 225 ft			0 to 55 ft			to 55 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.073	J	#	0.5	U		5	U		1	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		5	U		1	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		5	U		1	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		5	U		1	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code / Sample Name / Sample Date / Unit \\ Depth	PRGW-2-06	SMW-2-S2			SMW-3-S2			SMW-5-S2			SMW-9-S2			SMW-10-S2		
			Sample Date	STANDARD - SD	7/26/2010			7/26/2010			7/26/2010			7/27/2010			7/29/2010		
			Unit \\ Depth		to 102 ft			to 74 ft			to 57 ft			to 90 ft			to 70 ft		
(Group Code)	**(Group Description)**																		
1-VOA-W	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	0.2	J	~	0.5	U		0.5	U		0.5	U		5	U	
74-87-3	Chloromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.11	J	~	5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	0.5	U		0.5	U		0.5	U		0.17	J	#	5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	0.5	U		0.5	U		0.5	U		0.5	U		31		A
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	5	U		41		~	5	U		5	U		50	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.15	J	~	5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.61		~	5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	0.5	U		350		~	0.5	U		0.5	U		5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		74		~	60		~
78-93-3	2-Butanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		50	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	12		#	1.7		#	0.5	U		15		#	5	U	
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
71-43-2	Benzene	VOA-W	ug/L	5	0.5	U		3.3		#	0.5	U		0.5	U		5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L																
79-01-6	Trichloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		9.7		A	31		A
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	0.64		#	0.5	U		0.5	U		0.23	J	#	5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	UJ		5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		50	U	
108-88-3	Toluene	VOA-W	ug/L	1000	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	UJ		5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		0.5	UJ		5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	0.5	U		0.5	U		0.5	U		57		A	1700		A
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	5	U		5	U		5	U		5	U		50	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	0.13	J	~	0.5	U		0.5	U		0.07	J	~	5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-2-S2			SMW-3-S2			SMW-5-S2			SMW-9-S2			SMW-10-S2		
			Sample Name																
			Sample Date	STANDARD - SD	7/26/2010			7/26/2010			7/26/2010			7/27/2010			7/29/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 102 ft			to 74 ft			to 57 ft			to 90 ft			to 70 ft		
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
108-90-7	Chlorobenzene	VOA-W	ug/L	100	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
100-41-4	Ethylbenzene	VOA-W	ug/L	700	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
95-47-6	o-Xylene	VOA-W	ug/L	N/A	0.5	U		0.87		~	0.5	U		0.5	U		5	U	
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
100-42-5	Styrene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
75-25-2	Bromoform	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	0.5	U		2.1		~	0.5	U		0.5	U		5	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	0.5	U		0.5	U		0.5	U		0.5	U		5	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	0.5	U		0.5	U		0.5	U		0.5	U		5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-10-S2-DUP			SMW-12-S2		
			Sample Name		SMW-010-S2					
			Sample Date	STANDARD - SD	7/29/2010			7/28/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 70 ft			to 85 ft		
(Group Code)	**(Group Description)**									
1-VOA-W	**Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	VOA-W	ug/L	N/A	5	U		0.12	J	~
74-87-3	Chloromethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-01-4	Vinyl Chloride	VOA-W	ug/L	2	5	U		0.5	U	
74-83-9	Bromomethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-00-3	Chloroethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-69-4	Trichlorofluoromethane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-35-4	1,1-Dichloroethene	VOA-W	ug/L	7	29		A	0.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-W	ug/L	N/A	5	U		0.5	U	
67-64-1	Acetone	VOA-W	ug/L	N/A	50	U		5	U	
75-15-0	Carbon Disulfide	VOA-W	ug/L	N/A	5	U		0.17	J	~
79-20-9	Methyl Acetate	VOA-W	ug/L	N/A	5	U		0.5	U	
75-09-2	Methylene Chloride	VOA-W	ug/L	N/A	5	U		0.16	J	~
156-60-5	trans-1,2-Dichloroethene	VOA-W	ug/L	N/A	5	U		0.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-W	ug/L	N/A	5	U		0.5	U	
75-34-3	1,1-Dichloroethane	VOA-W	ug/L	N/A	5	U		0.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-W	ug/L	N/A	55		~	0.5	U	
78-93-3	2-Butanone	VOA-W	ug/L	N/A	50	U		5	U	
74-97-5	Chlorobromomethane	VOA-W	ug/L	N/A	5	U		0.5	U	
67-66-3	Chloroform	VOA-W	ug/L	100	5	U		3.6		#
71-55-6	1,1,1-Trichloroethane	VOA-W	ug/L	200	5	U		0.5	U	
110-82-7	Cyclohexane	VOA-W	ug/L	N/A	5	U		0.5	U	
56-23-5	Carbon Tetrachloride	VOA-W	ug/L	5	5	U		0.5	U	
71-43-2	Benzene	VOA-W	ug/L	5	5	U		0.5	U	
107-06-2	1,2-Dichloroethane	VOA-W	ug/L	5	5	U		0.5	U	
123-91-1	1,4-Dioxane	VOA-W	ug/L							
79-01-6	Trichloroethene	VOA-W	ug/L	5	29		A	0.5	U	
108-87-2	Metylcyclohexane	VOA-W	ug/L	N/A	5	U		0.5	U	
78-87-5	1,2-Dichloropropane	VOA-W	ug/L	N/A	5	U		0.5	U	
75-27-4	Bromodichloromethane	VOA-W	ug/L	5	5	U		0.5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-W	ug/L	N/A	5	UJ		0.5	UJ	
108-10-1	4-Methyl-2-pentanone	VOA-W	ug/L	N/A	50	U		5	U	
108-88-3	Toluene	VOA-W	ug/L	1000	5	U		0.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-W	ug/L	N/A	5	UJ		0.5	UJ	
79-00-5	1,1,2-Trichloroethane	VOA-W	ug/L	5	5	UJ		0.5	UJ	
127-18-4	Tetrachloroethene	VOA-W	ug/L	5	1600		A	0.5	U	
591-78-6	2-Hexanone	VOA-W	ug/L	N/A	50	U		5	U	
124-48-1	Dibromochloromethane	VOA-W	ug/L	N/A	5	U		0.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER R2 -VOLATILE ORGANIC EXCEEDANCES

			Sample Code	PRGW-2-06	SMW-10-S2-DUP		SMW-12-S2	
			Sample Name		SMW-010-S2			
			Sample Date	STANDARD - SD	7/29/2010		7/28/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		to 70 ft		to 85 ft	
106-93-4	1,2-Dibromoethane	VOA-W	ug/L	N/A	5	U	0.5	U
108-90-7	Chlorobenzene	VOA-W	ug/L	100	5	U	0.5	U
100-41-4	Ethylbenzene	VOA-W	ug/L	700	5	U	0.5	U
95-47-6	o-Xylene	VOA-W	ug/L	N/A	5	U	0.5	U
179601-23-1	m,p-Xylene	VOA-W	ug/L	N/A	5	U	0.5	U
100-42-5	Styrene	VOA-W	ug/L	N/A	5	U	0.5	U
75-25-2	Bromoform	VOA-W	ug/L	N/A	5	U	0.5	U
98-82-8	Isopropylbenzene	VOA-W	ug/L	N/A	5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-W	ug/L	N/A	5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	VOA-W	ug/L	N/A	5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	VOA-W	ug/L	N/A	5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	VOA-W	ug/L	N/A	5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-W	ug/L	N/A	5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-W	ug/L	9	5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-W	ug/L	N/A	5	U	0.5	U

Groundwater Round 2

Wet Chemistry

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	CIDRA-3-S2 7/27/2010 0 to 73 ft	CIDRA-4-S2 7/27/2010 0 to 102 ft	CIDRA-6-S2 7/28/2010 0 to 250 ft	CIDRA-8-S2 7/28/2010 0 to 280 ft	IVAX-2-S2 7/23/2010 to	IVAX-2-S2-DUP IVAX-02-S2 7/23/2010 to	IVAX-Abandon-S2 7/28/2010 0 to 218 ft
(Group Code)	**(Group Description)**									
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**									
14797-55-8	Nitrate	NITRATE	mg/L							
14797-65-0	Nitrite	NITRITE	mg/L							
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	220	140	340	140	160	170	130
74-82-8	Methane	RSKSOP147	ug/L							
74-85-1	Ethene	RSKSOP147	ug/L							
74-84-0	Ethane	RSKSOP147	ug/L							
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L							
TOC	Total Organic Carbon	SW9060	mg/L							
TSS	Total Suspended Solids	MCAWW160-2	mg/L							
18496-25-8	Sulfide	SULFIDE	mg/L							
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L							
CL	Chloride	MCAWW325-3	mg/L							
SO4	Sulfate	MCAWW375-	mg/L							
TDS	Total Dissolved Solids	MCAWW160-1	mg/L							
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L							

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

			Sample Code	MPW-1-P1-S2		MPW-1-P2-S2		MPW-1-P3-S2		MPW-1-P4-S2		MPW-1-P5-S2		MPW-1-P6-S2	
			Sample Name												
			Sample Date	7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010		7/20/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	121 to 129 ft		132 to 144 ft		148 to 160 ft		228 to 237 ft		241 to 253 ft		276 to 283 ft	
(Group Code)	**(Group Description)**														
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**														
14797-55-8	Nitrate	NITRATE	mg/L	6.7				7.5						8.9	
14797-65-0	Nitrite	NITRITE	mg/L	0.05	U			0.05	U					0.05	U
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	220		240		260		280		280		280	
74-82-8	Methane	RSKSOP147	ug/L	110				990						4,300	
74-85-1	Ethene	RSKSOP147	ug/L	2	U			2	U					2	U
74-84-0	Ethane	RSKSOP147	ug/L	2	U			2	U					2	U
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L	0.05	U			0.05	U					0.05	U
TOC	Total Organic Carbon	SW9060	mg/L	1.3				3.2						11	
TSS	Total Suspended Solids	MCAWW160-2	mg/L	10	U			10	U					10	U
18496-25-8	Sulfide	SULFIDE	mg/L	0.01	U			0.01	U					0.01	U
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L	190				220						230	
CL	Chloride	MCAWW325-3	mg/L	47				58						59	
SO4	Sulfate	MCAWW375-	mg/L	9.7				11						9.4	
TDS	Total Dissolved Solids	MCAWW160-1	mg/L	360				420						430	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L	0.1	U			0.1	U					0.77	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

			Sample Code	MPW-2-P1-S2		MPW-2-P2-S2		MPW-2-P3-S2		MPW-2-P4-S2		MPW-3-P1-S2		MPW-3-P2-S2	
			Sample Name												
			Sample Date	7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010		7/22/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	144 to 154 ft		165 to 175 ft		178 to 188 ft		214 to 222 ft		131 to 146 ft		150 to 162 ft	
(Group Code)	**(Group Description)**														
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**														
14797-55-8	Nitrate	NITRATE	mg/L	6.5						7.8		9			
14797-65-0	Nitrite	NITRITE	mg/L	0.05	U					0.05	U	0.05	U		
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	190		210		220		180		250		260	
74-82-8	Methane	RSKSOP147	ug/L	34						32		64			
74-85-1	Ethene	RSKSOP147	ug/L	2	U					2	U	2	U		
74-84-0	Ethane	RSKSOP147	ug/L	2	U					2	U	2	U		
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L	0.05	U					0.05	U	0.05	U		
TOC	Total Organic Carbon	SW9060	mg/L	1	U					1	U	1	U		
TSS	Total Suspended Solids	MCAWW160-2	mg/L	10	U					10	U	10	U		
18496-25-8	Sulfide	SULFIDE	mg/L	0.014						0.01	U	0.01	U		
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L	170						150		200			
CL	Chloride	MCAWW325-3	mg/L	52						49		52			
SO4	Sulfate	MCAWW375-	mg/L	16						3.3		10			
TDS	Total Dissolved Solids	MCAWW160-1	mg/L	380						380		420			
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L	0.1	U					0.1	U	0.1	U		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

			Sample Code	MPW-3-P3-S2		MPW-3-P4-S2		MPW-3-P5-S2		MPW-4-P1-S2		MPW-4-P2-S2		MPW-4-P3-S2	
			Sample Name												
			Sample Date	7/22/2010		7/22/2010		7/22/2010		7/23/2010		7/23/2010		7/23/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	168 to 174 ft		178 to 188 ft		194 to 204 ft		138 to 149 ft		152 to 160 ft		164 to 174 ft	
(Group Code)	**(Group Description)**														
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**														
14797-55-8	Nitrate	NITRATE	mg/L	9.9				8.8		8.6					
14797-65-0	Nitrite	NITRITE	mg/L	0.05	U			0.05	U	0.05	U				
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	270		270		280		230		230		240	
74-82-8	Methane	RSKSOP147	ug/L	68				170		200					
74-85-1	Ethene	RSKSOP147	ug/L	2	U			2	U	2	U				
74-84-0	Ethane	RSKSOP147	ug/L	2	U			2	U	2	U				
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L	0.05	U			0.05	U	0.05	U				
TOC	Total Organic Carbon	SW9060	mg/L	1	U			1.7		1	U				
TSS	Total Suspended Solids	MCAWW160-2	mg/L	10	U			10	U	10	U				
18496-25-8	Sulfide	SULFIDE	mg/L	0.013				0.01	U	0.01	U				
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L	200				220		160					
CL	Chloride	MCAWW325-3	mg/L	58				60		63					
SO4	Sulfate	MCAWW375-	mg/L	9.3				11		9.3					
TDS	Total Dissolved Solids	MCAWW160-1	mg/L	440				460		440					
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L	0.1	U			0.1	U	0.1	U				

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

			Sample Code	MPW-4-P4-S2		MPW-5-P1-S2		MPW-5-P2-S2		MPW-5-P3-S2		MPW-5-P4-S2		MPW-5-P5-S2	
			Sample Name												
			Sample Date	7/23/2010		7/21/2010		7/21/2010		7/21/2010		7/21/2010		7/21/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	210 to 224 ft		130 to 144 ft		148 to 154 ft		157 to 170 ft		202 to 212 ft		260 to 274 ft	
(Group Code)	**(Group Description)**														
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**														
14797-55-8	Nitrate	NITRATE	mg/L	7.1		7.9						7.6			
14797-65-0	Nitrite	NITRITE	mg/L	0.05	U	0.05	U					0.05	U		
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	220		190		200		190		220		250	
74-82-8	Methane	RSKSOP147	ug/L	600		130						470			
74-85-1	Ethene	RSKSOP147	ug/L	2	U	2	U					2	U		
74-84-0	Ethane	RSKSOP147	ug/L	2	U	2	U					2	U		
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L	0.05	U	0.05	U					0.05	U		
TOC	Total Organic Carbon	SW9060	mg/L	1	U	1	U					1.3			
TSS	Total Suspended Solids	MCAWW160-2	mg/L	10	U	10	U					10	U		
18496-25-8	Sulfide	SULFIDE	mg/L	0.01	U	0.01	U					0.01	U		
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L	180		150						190			
CL	Chloride	MCAWW325-3	mg/L	51		46						50			
SO4	Sulfate	MCAWW375-	mg/L	7.5		3.2						4.2			
TDS	Total Dissolved Solids	MCAWW160-1	mg/L	430		380						430			
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L	0.1	U	0.1	U					0.1	U		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

			Sample Code	MPW-5-P6-S2		MPW-5-P7-S2		MPW-5-P7-S2-DUP		MPW-6-P5-S2		SMW-1-S2		SMW-1-S2-DUP	
			Sample Name					MPW-55-P7-S2						SMW-01-S2	
			Sample Date	7/21/2010		7/21/2010		7/21/2010		7/30/2010		7/26/2010		7/26/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	277 to 287 ft		302 to 324 ft		302 to 324 ft		0 to 225 ft		0 to 55 ft		to 55 ft	
(Group Code)	**(Group Description)**														
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**														
14797-55-8	Nitrate	NITRATE	mg/L	4.9		4.6		4.5		3.4		3.4		3.4	
14797-65-0	Nitrite	NITRITE	mg/L	0.05	U	0.05	U	0.05	U	0.05	U	0.12		0.14	
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	250		250		250		190		180		180	
74-82-8	Methane	RSKSOP147	ug/L	490		560		680		2	U	4.3		2.6	
74-85-1	Ethene	RSKSOP147	ug/L	2	U	2	U	2	U	2	U	2	U	2	U
74-84-0	Ethane	RSKSOP147	ug/L	2	U	2	U	2	U	2	U	2.4		2	U
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
TOC	Total Organic Carbon	SW9060	mg/L	1.7		1.8		2		1	U	2		2.4	
TSS	Total Suspended Solids	MCAWW160-2	mg/L	10	U	10	U	10	U	10	U	10	U	10	U
18496-25-8	Sulfide	SULFIDE	mg/L	0.01	U	0.01	U	0.01	U	0.013		0.01	U	0.01	U
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L	240		250		250		190		180		180	
CL	Chloride	MCAWW325-3	mg/L	40		41		41		34		36		36	
SO4	Sulfate	MCAWW375-	mg/L	7		9.1		9		9.4		18		19	
TDS	Total Dissolved Solids	MCAWW160-1	mg/L	370		390		390		330		330		310	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.16		0.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
GROUNDWATER ROUND 2 - WET CHEMISTRY

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	SMW-2-S2 7/26/2010 to 102 ft		SMW-3-S2 7/26/2010 to 74 ft		SMW-5-S2 7/26/2010 to 57 ft		SMW-9-S2 7/27/2010 to 90 ft		SMW-10-S2 7/29/2010 to 70 ft		SMW-10-S2-DUP SMW-010-S2 7/29/2010 to 70 ft		SMW-12-S2 7/28/2010 to 85 ft	
(Group Code)	**(Group Description)**																
2009-Wetchem	**DESA 2009 Wet Chemistry Analysis**																
14797-55-8	Nitrate	NITRATE	mg/L	13		0.05	U	1.7		2.8		4.5		5.1		3.9	
14797-65-0	Nitrite	NITRITE	mg/L	0.05	U	0.05	U	0.05	U	0.05	U	0.53		0.54		0.05	U
CACOA-H	Hardness As CaCO3	SM2340B	mg/L	480		220		74		190		90		130		100	
74-82-8	Methane	RSKSOP147	ug/L	3.8		79		2	U	2.6		8.2		4.8		2.9	
74-85-1	Ethene	RSKSOP147	ug/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U
74-84-0	Ethane	RSKSOP147	ug/L	2	U	4.1		2	U	2	U	2	U	2	U	2	U
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/L	0.078		0.05	U	0.05	U	0.05	U	0.29		0.3		0.05	U
TOC	Total Organic Carbon	SW9060	mg/L	1	U	4.1		1	U	1.5		1.3		1.2		1.5	
TSS	Total Suspended Solids	MCAWW160-2	mg/L	140		14		10	U	61		64		73		13	
18496-25-8	Sulfide	SULFIDE	mg/L	0.016		0.01	U	0.01	U	0.016		0.01	U	0.01	U	0.01	U
ALK	Alkalinity, Total (as CaCO3)	MCAWW310-1	mg/L	150		260		93		150		230		230		210	
CL	Chloride	MCAWW325-3	mg/L	230		25		11		28		24		24		38	
SO4	Sulfate	MCAWW375-	mg/L	5.9		37		18		7		8.8		9.2		10	
TDS	Total Dissolved Solids	MCAWW160-1	mg/L	1,100		410		220		280		360		410		360	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/L	0.1	U	0.1	U	0.1	U	0.1	U	0.46		0.58		0.1	U

International Dry Cleaners Soil Borings

Wet Chemistry

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-05-A	IDCSB-05-B	IDCSB-05-C	IDCSB-05-C-DUP	IDCSB-05-D	IDCSB-05-E	IDCSB-05-F
			Sample Name				IDCSB005-C			
			Sample Date	6/3/2010	6/3/2010	6/3/2010	6/3/2010	6/3/2010	6/3/2010	6/3/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.			4.9			5.34	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			1150			2840	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-05-G	IDCSB-06-A	IDCSB-06-B	IDCSB-06-C	IDCSB-06-D	IDCSB-06-E	IDCSB-06-F	IDCSB-06-G
			Sample Name								
			Sample Date	6/3/2010	6/3/2010	6/3/2010	6/3/2010	6/4/2010	6/4/2010	6/4/2010	6/4/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%								
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%								
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%								
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%								
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%								
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%								
Silt	% SILT	ASTM-D421	%								
Clay	% CLAY & COLLOIDS	ASTM-D421	%								
PH	pH	SW9045C	s.u.				5.06			5.94	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				2210			1300	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-07-A	IDCSB-07-B	IDCSB-07-C	IDCSB-07-C-DUP	IDCSB-07-D	IDCSB-07-E	IDCSB-07-F
			Sample Name				IDC-SB007-C			
			Sample Date	6/4/2010	6/4/2010	6/4/2010	6/4/2010	6/4/2010	6/4/2010	6/4/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.			7.97				5.74
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			1370				2210

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-08-A	IDCSB-08-B	IDCSB-08-C	IDCSB-08-D	IDCSB-08-D-DUP	IDCSB-08-E	IDCSB-08-F
			Sample Name					IDC-SB008-D		
			Sample Date	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%							
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%							
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%							
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%							
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%							
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%							
Silt	% SILT	ASTM-D421	%							
Clay	% CLAY & COLLOIDS	ASTM-D421	%							
PH	pH	SW9045C	s.u.			5.23	4.76	4.76		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			2120	1360	1510		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-08-G	IDCSB-09-A	IDCSB-09-B	IDCSB-09-C	IDCSB-09-D	IDCSB-09-E	IDCSB-09-F	IDCSB-10-A
			Sample Name								
			Sample Date	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/8/2010	6/8/2010	6/8/2010	6/8/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%								
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%								
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%								
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%								
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%								
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%								
Silt	% SILT	ASTM-D421	%								
Clay	% CLAY & COLLOIDS	ASTM-D421	%								
PH	pH	SW9045C	s.u.				4.96		5.19		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				2270		1380		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-10-B	IDCSB-10-C	IDCSB-11-A	IDCSB-11-B	IDCSB-11-C	IDCSB-12-A	IDCSB-12-B	IDCSB-13-A
			Sample Name								
			Sample Date	6/8/2010	6/8/2010	6/8/2010	6/8/2010	6/8/2010	6/8/2010	6/8/2010	6/8/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	0 to 4 ft	4 to 8 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%								
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%								
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%								
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%								
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%								
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%								
Silt	% SILT	ASTM-D421	%								
Clay	% CLAY & COLLOIDS	ASTM-D421	%								
PH	pH	SW9045C	s.u.		8.19			7.79			
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		17300			3990			

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATION DRY CLEANERS SOIL BORINGS - WET CHEMISTRY

			Sample Code	IDCSB-13-B	IDCSB-13-C	IDCSB-14-A	IDCSB-14-B
			Sample Name				
			Sample Date	6/8/2010	6/8/2010	6/8/2010	6/8/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	0 to 4 ft	4 to 8 ft
(Group Code)	**(Group Description)**						
Wetchem-S	**Additional Parameters**						
Gran & Larger	% GRANULE & LARGER >2 MM	ASTM-D421	%				
Very Coarse	% VERY COURSE SAND >1 - 2 MM	ASTM-D421	%				
Coarse	% COARSE SAND >.5 - 1 MM	ASTM-D421	%				
Medium	% MEDIUM SAND >.25 - .5 MM	ASTM-D421	%				
Fine	% FINE SAND >.125 - .25 MM	ASTM-D421	%				
Very Fine	% VERY FINE SAND >.0625 - .125 MI	ASTM-D421	%				
Silt	% SILT	ASTM-D421	%				
Clay	% CLAY & COLLOIDS	ASTM-D421	%				
PH	pH	SW9045C	s.u.		7.83		7.95
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		3360		13400

International Dry Cleaners Soil Borings

Volatile Organic Compounds

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-05-A		IDCSB-05-B		IDCSB-05-C		IDCSB-05-C-DUP		IDCSB-05-D		IDCSB-05-E		IDCSB-05-F	
			Sample Name							IDCSB005-C							
			Sample Date	6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	18		39		100		60		21		8	U	7	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
67-64-1	Acetone	VOA-S	ug/Kg	9.9	J	3.7	J	14	U	14	U	5.1	J	8.5	J	4.7	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6	J	19		32		19		10		1.3	J	7	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	260	J	1200	J	750		960		770		190		8.3	
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	12	U	14	U	14	U	15	U	16	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
67-66-3	Chloroform	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
71-43-2	Benzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	120	R	140	R	140	R	150	R	160	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	5.6	J	240	J	210	J	270	J	220	J	65		7.1	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.4	U	2.4	U	2.8	U	2.7	U	2.9	U	3.2	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	12	U	14	U	14	U	15	U	16	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.4	U	2.4	U	2.8	U	2.7	U	2.9	U	3.2	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6	U	1200	J	1600		1900		2800		1200		570	
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	12	U	14	U	14	U	15	U	16	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-05-A		IDCSB-05-B		IDCSB-05-C		IDCSB-05-C-DUP		IDCSB-05-D		IDCSB-05-E		IDCSB-05-F	
			Sample Name							IDCSB005-C							
			Sample Date	6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6	U	6.1	U	0.82	J	0.55	J	1.1	J	8	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6	U	6.1	U	0.82	J	0.68	J	0.91	J	8	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.4	U	2.4	U	2.8	U	2.7	U	2.9	U	3.2	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6	U	6.1	U	6.9	U	6.8	U	7.3	U	8	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-05-G		IDCSB-06-A		IDCSB-06-B		IDCSB-06-C		IDCSB-06-D		IDCSB-06-E		IDCSB-06-F	
			Sample Name														
			Sample Date	6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/4/2010		6/4/2010		6/4/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.5	U	410		1200		490	J	210		22		7.7	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
67-64-1	Acetone	VOA-S	ug/Kg	5	J	15		14	U	12	U	12	U	14	U	6.8	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.5	U	39		73		29		19		2.9	J	7.7	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.5	U	690		4700		4000		2900		280		2.9	J
78-93-3	2-Butanone	VOA-S	ug/Kg	15	U	13	U	14	U	12	U	12	U	14	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
71-43-2	Benzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	150	R	130	R	140	R	120	R	120	R	140	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.5	U	15		490		450		450		150		3.1	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	3	U	2.6	U	2.7	U	2.5	U	2.4	U	2.7	U	3.1	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	15	U	13	U	14	U	12	U	12	U	14	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	3	U	2.6	U	2.7	U	2.5	U	2.4	U	2.7	U	3.1	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	7.5	U	6.4	U	670		1400		2800		2000		290	
591-78-6	2-Hexanone	VOA-S	ug/Kg	15	U	13	U	14	U	12	U	12	U	14	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-05-G		IDCSB-06-A		IDCSB-06-B		IDCSB-06-C		IDCSB-06-D		IDCSB-06-E		IDCSB-06-F	
			Sample Name														
			Sample Date	6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/4/2010		6/4/2010		6/4/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	0.43	J	5.9	U	6.9	U	7.7	U
100-42-5	Styrene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	U	2.6	U	2.7	U	2.5	U	2.4	U	2.7	U	3.1	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.5	U	6.4	U	6.8	U	6.1	U	5.9	U	6.9	U	7.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-06-G		IDCSB-07-A		IDCSB-07-B		IDCSB-07-C		IDCSB-07-C-DUP		IDCSB-07-D		IDCSB-07-E	
			Sample Name									IDC-SB007-C					
			Sample Date	6/4/2010		6/4/2010		6/4/2010		6/4/2010		6/4/2010		6/4/2010		6/4/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7	U	85		43		120		64		42		6.6	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
67-64-1	Acetone	VOA-S	ug/Kg	14	U	5	J	63		6.2	J	5.3	J	5.6	J	13	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7	U	6.7	U	0.85	J	6.7	U	7.1	U	7.8	U	6.6	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7	U	3.1	J	6.5	U	3.1	J	7.1	U	3.9	J	0.93	J
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7	U	210	J	51		430	J	270		330	J	430	J
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	13	U	3.2	J	13	U	14	U	16	U	13	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
67-66-3	Chloroform	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
71-43-2	Benzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	130	R	130	R	130	R	140	R	160	R	130	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	0.99	J	2.3	J	6.5	U	56		38		110		30	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	2.7	U	2.6	U	2.7	U	2.9	U	3.1	U	2.7	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	13	U	13	U	13	U	14	U	16	U	13	U
108-88-3	Toluene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.8	U	2.7	U	2.6	U	2.7	U	2.9	U	3.1	U	2.7	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	170		0.89	J	6.5	U	110		83		290	J	200	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	13	U	13	U	13	U	14	U	16	U	13	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-06-G		IDCSB-07-A		IDCSB-07-B		IDCSB-07-C		IDCSB-07-C-DUP		IDCSB-07-D		IDCSB-07-E	
			Sample Name									IDC-SB007-C					
			Sample Date	6/4/2010		6/4/2010		6/4/2010		6/4/2010		6/4/2010		6/4/2010		6/4/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
100-42-5	Styrene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
75-25-2	Bromoform	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.8	U	2.7	U	2.6	U	2.7	U	2.9	U	3.1	U	2.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7	U	6.7	U	6.5	U	6.7	U	7.1	U	7.8	U	6.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-07-F		IDCSB-08-A		IDCSB-08-B		IDCSB-08-C		IDCSB-08-D		IDCSB-08-D-DUP		IDCSB-08-E	
			Sample Name											IDC-SB008-D			
			Sample Date	6/4/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		20 to 24 ft		32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.1	U	5.8	J	12		20		6.1	U	8.6		6.5	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
67-64-1	Acetone	VOA-S	ug/Kg	12	U	51		32		14	U	12	U	12	U	13	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.1	U	0.96	J	6.4	U	6.9	U	6.1	U	6	U	6.5	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.1	U	6.7	U	1.3	J	6.9	U	6.1	U	6	U	6.5	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.1	U	2.5	J	9.8		15		14		4.1	J	5.1	J
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	240	J	96		560		1200		540		160	J	360	J
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	13	U	13	U	14	U	12	U	12	U	13	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.1	U	1.2	J	6.4	U	6.9	U	6.1	U	6	U	6.5	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
71-43-2	Benzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	130	R	130	R	140	R	120	R	120	R	130	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	27		140		650		760		310	J	260	J	230	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.4	U	2.7	U	2.5	U	2.8	U	2.4	U	2.4	U	2.6	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	13	U	13	U	14	U	12	U	12	U	13	U
108-88-3	Toluene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.4	U	2.7	U	2.5	U	2.8	U	2.4	U	2.4	U	2.6	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	660	J	150	J	2600		5100		2700		3500		1300	
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	13	U	13	U	14	U	12	U	12	U	13	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-07-F		IDCSB-08-A		IDCSB-08-B		IDCSB-08-C		IDCSB-08-D		IDCSB-08-D-DUP		IDCSB-08-E	
			Sample Name											IDC-SB008-D			
			Sample Date	6/4/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
100-42-5	Styrene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.4	U	2.7	U	2.5	U	2.8	U	2.4	U	2.4	U	2.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.1	U	6.7	U	6.4	U	6.9	U	6.1	U	6	U	6.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-08-F		IDCSB-08-G		IDCSB-09-A		IDCSB-09-B		IDCSB-09-C		IDCSB-09-D		IDCSB-09-E	
			Sample Name														
			Sample Date	6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
74-87-3	Chloromethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	270	J	310	J	290	J
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
74-83-9	Bromomethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-00-3	Chloroethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
67-64-1	Acetone	VOA-S	ug/Kg	16	U	15	U	16	U	680	U	870	U	910	U	880	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	UJ	450	UJ	440	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	8	U	7.4	U	12		340	U	430	U	450	U	440	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	8	U	7.4	U	310		340	U	430	U	290	J	250	J
78-93-3	2-Butanone	VOA-S	ug/Kg	16	U	15	U	16	U	680	U	870	U	910	U	880	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
67-66-3	Chloroform	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
71-43-2	Benzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	160	R	150	R	160	R	6800	R	8700	R	9100	R	8800	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	8	U	7.4	U	1400		340	U	430	U	180	J	440	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	3.2	U	2.9	U	3.3	U	140	U	170	U	180	U	180	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	16	U	15	U	16	U	680	U	870	U	910	U	880	U
108-88-3	Toluene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	3.2	U	2.9	U	3.3	U	140	U	170	U	180	U	180	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	270		6	J	3500		1300		1300		3500		1800	
591-78-6	2-Hexanone	VOA-S	ug/Kg	16	U	15	U	16	U	680	U	870	U	910	U	880	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-08-F		IDCSB-08-G		IDCSB-09-A		IDCSB-09-B		IDCSB-09-C		IDCSB-09-D		IDCSB-09-E	
			Sample Name														
			Sample Date	6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
95-47-6	o-Xylene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
100-42-5	Styrene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
75-25-2	Bromoform	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3.2	U	2.9	U	3.3	U	140	U	170	U	180	U	180	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	8.2	U	340	U	430	U	450	U	440	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-09-F		IDCSB-10-A		IDCSB-10-B		IDCSB-10-C		IDCSB-11-A		IDCSB-11-B		IDCSB-11-C	
			Sample Name														
			Sample Date	6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
67-64-1	Acetone	VOA-S	ug/Kg	14	U	3900	U	18000	U	16000	U	940	U	2000	U	1800	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6	J	900	J	18000		21000		580		16000		11000	
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	3900	U	18000	U	16000	U	940	U	2000	U	1800	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	UJ	890	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
71-43-2	Benzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	39000	R	180000	R	160000	R	9400	R	20000	R	18000	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	4.8	J	3000		13000		25000		470	U	1000	U	1800	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	UJ	890	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	UJ	890	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	UJ	890	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.9	U	780	U	3500	U	3200	U	190	U	400	U	360	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	3900	U	18000	U	16000	U	940	U	2000	U	1800	U
108-88-3	Toluene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.9	U	780	U	3500	U	3200	U	190	U	400	U	360	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	130		40000		140000		170000		470	U	1000	U	1700	
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	3900	U	18000	U	16000	U	940	U	2000	U	1800	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-09-F		IDCSB-10-A		IDCSB-10-B		IDCSB-10-C		IDCSB-11-A		IDCSB-11-B		IDCSB-11-C	
			Sample Name														
			Sample Date	6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
100-42-5	Styrene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.9	U	780	U	3500	U	3200	U	190	U	400	U	360	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.2	U	2000	U	8900	U	8100	U	470	U	1000	U	890	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-12-A		IDCSB-12-B		IDCSB-13-A		IDCSB-13-B		IDCSB-13-C		IDCSB-14-A		IDCSB-14-B	
			Sample Name														
			Sample Date	6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
67-64-1	Acetone	VOA-S	ug/Kg	13	U	120		5900	U	5300	U	15000	U	14	U	120000	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.7	U	12		3000	U	2600	U	7300	U	2.1	J	59000	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.7	U	1.7	J	3000	U	2600	U	7300	U	160		59000	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6.7	U	65		3700		23000		14000		4200		29000	J
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	19		5900	U	5300	U	15000	U	14	U	120000	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	21		59000	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
71-43-2	Benzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	140	R	59000	R	53000	R	150000	R	140	R	1200000	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	0.98	J	0.89	J	2100	J	9000		7300	J	920		28000	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	170		59000	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	2.7	U	1200	U	1100	U	2900	U	2.8	U	23000	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	14	U	5900	U	5300	U	15000	U	14	U	120000	U
108-88-3	Toluene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	2.7	U	1200	U	1100	U	2900	U	2.8	U	23000	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	10		2.6	J	64000		45000		120000		180	J	1700000	
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	14	U	5900	U	5300	U	15000	U	14	U	120000	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS - SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	IDCSB-12-A		IDCSB-12-B		IDCSB-13-A		IDCSB-13-B		IDCSB-13-C		IDCSB-14-A		IDCSB-14-B	
			Sample Name														
			Sample Date	6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	14		59000	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
100-42-5	Styrene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	16		59000	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.7	U	2.7	U	1200	U	1100	U	2900	U	2.8	U	23000	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	6.8	U	3000	U	2600	U	7300	U	7	U	59000	U

International Dry Cleaners Soil Borings

Volatile Organic Compound Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-05-A			IDCSB-05-B			IDCSB-05-C			IDCSB-05-C-DUP			IDCSB-05-D		
			Sample Name											IDCSB005-C					
			Sample Date	STANDARD - SD	6/3/2010			6/3/2010			6/3/2010			6/3/2010			6/3/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	18		A	39		A	100		A	60		A	21		A
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	9.9	J	#	3.7	J	#	14	U		14	U		5.1	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6	J	#	19		#	32		#	19		#	10		#
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	260	J	#	1200	J	A	750		A	960		A	770		A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	12	U		12	U		14	U		14	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R		120	R		140	R		140	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	5.6	J	#	240	J	A	210	J	A	270	J	A	220	J	A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.4	U		2.4	U		2.8	U		2.7	U		2.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U		12	U		14	U		14	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.4	U		2.4	U		2.8	U		2.7	U		2.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6	U		1200	J	A	1600		A	1900		A	2800		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U		12	U		14	U		14	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6	U		6.1	U		6.9	U		6.8	U		7.3	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-05-A			IDCSB-05-B			IDCSB-05-C			IDCSB-05-C-DUP			IDCSB-05-D		
			Sample Name											IDCSB005-C					
			Sample Date	STANDARD - SD	6/3/2010			6/3/2010			6/3/2010			6/3/2010			6/3/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6	U		6.1	U		0.82	J	#	0.55	J	#	1.1	J	#
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6	U		6.1	U		0.82	J	~	0.68	J	~	0.91	J	~
100-42-5	Styrene	VOA-S	ug/Kg	4000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.4	U		2.4	U		2.8	U		2.7	U		2.9	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6	U		6.1	U		6.9	U		6.8	U		7.3	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6	U		6.1	U		6.9	U		6.8	U		7.3	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-05-E			IDCSB-05-F			IDCSB-05-G			IDCSB-06-A			IDCSB-06-B		
			Sample Name																
			Sample Date	STANDARD - SD	6/3/2010			6/3/2010			6/3/2010			6/3/2010			6/3/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			44 to 48 ft			56 to 60 ft			0 to 4 ft			4 to 8 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	8	U		7	U		7.5	U		410		A	1200		A
74-83-9	Bromomethane	VOA-S	ug/Kg	200	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	8	U		7	U		7.5	U		6.4	U		6.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	8.5	J	#	4.7	J	#	5	J	#	15		#	14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	8	U		7	U		7.5	U		6.4	U		6.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	8	U		7	U		7.5	U		6.4	U		6.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	1.3	J	#	7	U		7.5	U		39		#	73		#
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	8	U		7	U		7.5	U		6.4	U		6.8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	190		#	8.3		#	7.5	U		690		A	4700		A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	16	U		14	U		15	U		13	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	8	U		7	U		7.5	U		6.4	U		6.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	8	U		7	U		7.5	U		6.4	U		6.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	8	U		7	U		7.5	U		6.4	U		6.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	8	U		7	U		7.5	U		6.4	U		6.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	8	U		7	U		7.5	U		6.4	U		6.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	160	R		140	R		150	R		130	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	65		A	7.1		#	7.5	U		15		#	490		A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	8	U		7	U		7.5	U		6.4	U		6.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	8	U		7	U		7.5	U		6.4	U		6.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	8	U		7	U		7.5	U		6.4	U		6.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.2	U		2.8	U		3	U		2.6	U		2.7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	16	U		14	U		15	U		13	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	8	U		7	U		7.5	U		6.4	U		6.8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.2	U		2.8	U		3	U		2.6	U		2.7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	8	U		7	U		7.5	U		6.4	U		6.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	1200		A	570		A	7.5	U		6.4	U		670		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	16	U		14	U		15	U		13	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	8	U		7	U		7.5	U		6.4	U		6.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-05-E		IDCSB-05-F		IDCSB-05-G		IDCSB-06-A		IDCSB-06-B	
			Sample Name											
			Sample Date	STANDARD - SD	6/3/2010		6/3/2010		6/3/2010		6/3/2010		6/3/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	8	U	7	U	7.5	U	6.4	U	6.8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	8	U	7	U	7.5	U	6.4	U	6.8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	8	U	7	U	7.5	U	6.4	U	6.8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	8	U	7	U	7.5	U	6.4	U	6.8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	8	U	7	U	7.5	U	6.4	U	6.8	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	8	U	7	U	7.5	U	6.4	U	6.8	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	8	U	7	U	7.5	U	6.4	U	6.8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	8	U	7	U	7.5	U	6.4	U	6.8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3.2	U	2.8	U	3	U	2.6	U	2.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	8	U	7	U	7.5	U	6.4	U	6.8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	8	U	7	U	7.5	U	6.4	U	6.8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	8	U	7	U	7.5	U	6.4	U	6.8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	8	U	7	U	7.5	U	6.4	U	6.8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	8	U	7	U	7.5	U	6.4	U	6.8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	8	U	7	U	7.5	U	6.4	U	6.8	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-06-C			IDCSB-06-D			IDCSB-06-E			IDCSB-06-F			IDCSB-06-G		
			Sample Name																
			Sample Date	STANDARD - SD	6/3/2010			6/4/2010			6/4/2010			6/4/2010			6/4/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	490	J	A	210		A	22		A	7.7	U		7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	12	U		12	U		14	U		6.8	J	#	14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	29		#	19		#	2.9	J	#	7.7	U		7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	4000		A	2900		A	280		#	2.9	J	#	7	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	12	U		12	U		14	U		15	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R		120	R		140	R		150	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	450		A	450		A	150		A	3.1	J	#	0.99	J	#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.5	U		2.4	U		2.7	U		3.1	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U		12	U		14	U		15	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.5	U		2.4	U		2.7	U		3.1	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	1400		A	2800		A	2000		A	290		A	170		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U		12	U		14	U		15	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.1	U		5.9	U		6.9	U		7.7	U		7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-06-C			IDCSB-06-D			IDCSB-06-E			IDCSB-06-F			IDCSB-06-G		
			Sample Name																
			Sample Date	STANDARD - SD	6/3/2010			6/4/2010			6/4/2010			6/4/2010			6/4/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	0.43	J	~	5.9	U		6.9	U		7.7	U		7	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.5	U		2.4	U		2.7	U		3.1	U		2.8	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.1	U		5.9	U		6.9	U		7.7	U		7	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.1	U		5.9	U		6.9	U		7.7	U		7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-07-A			IDCSB-07-B			IDCSB-07-C			IDCSB-07-C-DUP			IDCSB-07-D		
			Sample Name											IDC-SB007-C					
			Sample Date	STANDARD - SD	6/4/2010			6/4/2010			6/4/2010			6/4/2010			6/4/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	85		A	43		A	120		A	64		A	42		A
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	5	J	#	63		#	6.2	J	#	5.3	J	#	5.6	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.7	U		0.85	J	#	6.7	U		7.1	U		7.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	3.1	J	#	6.5	U		3.1	J	#	7.1	U		3.9	J	#
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	210	J	#	51		#	430	J	A	270		#	330	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		3.2	J	~	13	U		14	U		16	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		130	R		130	R		140	R		160	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	2.3	J	#	6.5	U		56		#	38		#	110		A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.6	U		2.7	U		2.9	U		3.1	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		13	U		13	U		14	U		16	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.6	U		2.7	U		2.9	U		3.1	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	0.89	J	#	6.5	U		110		A	83		A	290	J	A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		13	U		13	U		14	U		16	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-07-A			IDCSB-07-B			IDCSB-07-C			IDCSB-07-C-DUP			IDCSB-07-D		
			Sample Name											IDC-SB007-C					
			Sample Date	STANDARD - SD	6/4/2010			6/4/2010			6/4/2010			6/4/2010			6/4/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			8 to 12 ft			20 to 24 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U		2.6	U		2.7	U		2.9	U		3.1	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U		6.5	U		6.7	U		7.1	U		7.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-07-E			IDCSB-07-F			IDCSB-08-A			IDCSB-08-B			IDCSB-08-C		
			Sample Name																
			Sample Date	STANDARD - SD	6/4/2010			6/4/2010			6/7/2010			6/7/2010			6/7/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			44 to 48 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.6	U		6.1	U		5.8	J	#	12		A	20		A
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	13	U		12	U		51		#	32		#	14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.6	U		6.1	U		0.96	J	#	6.4	U		6.9	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		1.3	J	~	6.9	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	0.93	J	#	6.1	U		2.5	J	#	9.8		#	15		#
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	430	J	A	240	J	#	96		#	560		A	1200		A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		12	U		13	U		13	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		1.2	J	~	6.4	U		6.9	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		120	R		130	R		130	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	30		#	27		#	140		A	650		A	760		A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.4	U		2.7	U		2.5	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		12	U		13	U		13	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.4	U		2.7	U		2.5	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	200	J	A	660	J	A	150	J	A	2600		A	5100		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		12	U		13	U		13	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.6	U		6.1	U		6.7	U		6.4	U		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-07-E		IDCSB-07-F		IDCSB-08-A		IDCSB-08-B		IDCSB-08-C	
			Sample Name											
			Sample Date	STANDARD - SD	6/4/2010		6/4/2010		6/7/2010		6/7/2010		6/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U	2.4	U	2.7	U	2.5	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.6	U	6.1	U	6.7	U	6.4	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-08-D			IDCSB-08-D-DUP			IDCSB-08-E			IDCSB-08-F			IDCSB-08-G		
			Sample Name					IDC-SB008-D											
			Sample Date	STANDARD - SD	6/7/2010			6/7/2010			6/7/2010			6/7/2010			6/7/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.1	U		8.6		#	6.5	U		8	U		7.4	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.1	U		6	U		6.5	U		8	U		7.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	12	U		12	U		13	U		16	U		15	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.1	U		6	U		6.5	U		8	U		7.4	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.1	U		6	U		6.5	U		8	U		7.4	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	14		#	4.1	J	#	5.1	J	#	8	U		7.4	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.1	U		6	U		6.5	U		8	U		7.4	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	540		A	160	J	#	360	J	#	8	U		7.4	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	12	U		12	U		13	U		16	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.1	U		6	U		6.5	U		8	U		7.4	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.1	U		6	U		6.5	U		8	U		7.4	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.1	U		6	U		6.5	U		8	U		7.4	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.1	U		6	U		6.5	U		8	U		7.4	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.1	U		6	U		6.5	U		8	U		7.4	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R		120	R		130	R		160	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	310	J	A	260	J	A	230	J	A	8	U		7.4	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.1	U		6	U		6.5	U		8	U		7.4	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.1	U		6	U		6.5	U		8	U		7.4	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.1	U		6	U		6.5	U		8	U		7.4	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.4	U		2.4	U		2.6	U		3.2	U		2.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U		12	U		13	U		16	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.1	U		6	U		6.5	U		8	U		7.4	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.4	U		2.4	U		2.6	U		3.2	U		2.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.1	U		6	U		6.5	U		8	U		7.4	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	2700		A	3500		A	1300		A	270		A	6	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U		12	U		13	U		16	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.1	U		6	U		6.5	U		8	U		7.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-08-D		IDCSB-08-D-DUP		IDCSB-08-E		IDCSB-08-F		IDCSB-08-G	
			Sample Name				IDC-SB008-D							
			Sample Date	STANDARD - SD	6/7/2010		6/7/2010		6/7/2010		6/7/2010		6/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.1	U	6	U	6.5	U	8	U	7.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.1	U	6	U	6.5	U	8	U	7.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.1	U	6	U	6.5	U	8	U	7.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.1	U	6	U	6.5	U	8	U	7.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.1	U	6	U	6.5	U	8	U	7.4	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.1	U	6	U	6.5	U	8	U	7.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.1	U	6	U	6.5	U	8	U	7.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.1	U	6	U	6.5	U	8	U	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.4	U	2.4	U	2.6	U	3.2	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.1	U	6	U	6.5	U	8	U	7.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.1	U	6	U	6.5	U	8	U	7.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.1	U	6	U	6.5	U	8	U	7.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.1	U	6	U	6.5	U	8	U	7.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.1	U	6	U	6.5	U	8	U	7.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.1	U	6	U	6.5	U	8	U	7.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-09-A			IDCSB-09-B			IDCSB-09-C			IDCSB-09-D			IDCSB-09-E		
			Sample Name																
			Sample Date	STANDARD - SD	6/7/2010			6/7/2010			6/7/2010			6/8/2010			6/8/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft			32 to 36 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	8.2	U		340	U		270	J	~	310	J	~	290	J	~
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	8.2	U		340	U		430	U		450	U		440	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	8.2	U		340	U		430	U		450	U		440	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	8.2	U		340	U		430	U		450	U		440	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	16	U		680	U		870	U		910	U		880	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	8.2	U		340	U		430	U		450	U		440	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	8.2	U		340	U		430	UJ		450	UJ		440	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	12		#	340	U		430	U		450	U		440	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	8.2	U		340	U		430	U		450	U		440	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	310		#	340	U		430	U		290	J	#	250	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	16	U		680	U		870	U		910	U		880	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	8.2	U		340	U		430	U		450	U		440	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	8.2	U		340	U		430	U		450	U		440	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	8.2	U		340	U		430	U		450	U		440	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	8.2	U		340	U		430	U		450	U		440	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	8.2	U		340	U		430	U		450	U		440	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	160	R		6800	R		8700	R		9100	R		8800	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	1400		A	340	U		430	U		180	J	A	440	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	8.2	U		340	U		430	U		450	U		440	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	8.2	U		340	U		430	U		450	U		440	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	8.2	U		340	U		430	U		450	U		440	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.3	U		140	U		170	U		180	U		180	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	16	U		680	U		870	U		910	U		880	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	8.2	U		340	U		430	U		450	U		440	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.3	U		140	U		170	U		180	U		180	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	8.2	U		340	U		430	U		450	U		440	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	3500		A	1300		A	1300		A	3500		A	1800		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	16	U		680	U		870	U		910	U		880	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	8.2	U		340	U		430	U		450	U		440	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-09-A		IDCSB-09-B		IDCSB-09-C		IDCSB-09-D		IDCSB-09-E	
			Sample Name											
			Sample Date	STANDARD - SD	6/7/2010		6/7/2010		6/7/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	8.2	U	340	U	430	U	450	U	440	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	8.2	U	340	U	430	U	450	U	440	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	8.2	U	340	U	430	U	450	U	440	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	8.2	U	340	U	430	U	450	U	440	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	8.2	U	340	U	430	U	450	U	440	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	8.2	U	340	U	430	U	450	U	440	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	8.2	U	340	U	430	U	450	U	440	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	8.2	U	340	U	430	U	450	U	440	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3.3	U	140	U	170	U	180	U	180	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	8.2	U	340	U	430	U	450	U	440	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	8.2	U	340	U	430	U	450	U	440	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	8.2	U	340	U	430	U	450	U	440	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	8.2	U	340	U	430	U	450	U	440	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	8.2	U	340	U	430	U	450	U	440	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	8.2	U	340	U	430	U	450	U	440	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-09-F			IDCSB-10-A			IDCSB-10-B			IDCSB-10-C			IDCSB-11-A		
			Sample Name																
			Sample Date	STANDARD - SD	6/8/2010			6/8/2010			6/8/2010			6/8/2010			6/8/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			0 to 4 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.2	U		2000	U		8900	U		8100	U		470	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.2	U		2000	U		8900	U		8100	U		470	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.2	U		2000	U		8900	U		8100	U		470	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		3900	U		18000	U		16000	U		940	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.2	U		2000	U		8900	U		8100	U		470	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.2	U		2000	U		8900	U		8100	U		470	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.2	U		2000	U		8900	U		8100	U		470	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.2	U		2000	U		8900	U		8100	U		470	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6	J	#	900	J	A	18000		A	21000		A	580		A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		3900	U		18000	U		16000	U		940	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.2	U		2000	U		8900	U		8100	U		470	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.2	U		2000	U		8900	U		8100	U		470	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.2	U		2000	U		8900	U		8100	U		470	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.2	U		2000	U		8900	U		8100	U		470	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.2	U		2000	U		8900	U		8100	U		470	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		39000	R		180000	R		160000	R		9400	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	4.8	J	#	3000		A	13000		A	25000		A	470	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.2	U		2000	U		8900	U		8100	U		470	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.2	U		2000	U		8900	U		8100	U		470	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.2	U		2000	U		8900	U		8100	U		470	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		780	U		3500	U		3200	U		190	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		3900	U		18000	U		16000	U		940	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.2	U		2000	U		8900	U		8100	U		470	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		780	U		3500	U		3200	U		190	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.2	U		2000	U		8900	U		8100	U		470	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	130		A	40000		A	140000		A	170000		A	470	U	
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		3900	U		18000	U		16000	U		940	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.2	U		2000	U		8900	U		8100	U		470	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-09-F		IDCSB-10-A		IDCSB-10-B		IDCSB-10-C		IDCSB-11-A	
			Sample Name											
			Sample Date	STANDARD - SD	6/8/2010		6/8/2010		6/8/2010		6/8/2010		6/8/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		0 to 4 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.2	U	2000	U	8900	U	8100	U	470	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.2	U	2000	U	8900	U	8100	U	470	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.2	U	2000	U	8900	U	8100	U	470	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.2	U	2000	U	8900	U	8100	U	470	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.2	U	2000	U	8900	U	8100	U	470	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.2	U	2000	U	8900	U	8100	U	470	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.2	U	2000	U	8900	U	8100	U	470	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.2	U	2000	U	8900	U	8100	U	470	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	780	U	3500	U	3200	U	190	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.2	U	2000	U	8900	U	8100	U	470	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.2	U	2000	U	8900	U	8100	U	470	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.2	U	2000	U	8900	U	8100	U	470	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.2	U	2000	U	8900	U	8100	U	470	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.2	U	2000	U	8900	U	8100	U	470	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.2	U	2000	U	8900	U	8100	U	470	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-11-B			IDCSB-11-C			IDCSB-12-A			IDCSB-12-B			IDCSB-13-A		
			Sample Name																
			Sample Date	STANDARD - SD	6/8/2010			6/8/2010			6/8/2010			6/8/2010			6/8/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			0 to 4 ft			4 to 8 ft			0 to 4 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	1000	U		890	U		6.7	U		6.8	U		3000	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	1000	U		890	U		6.7	U		6.8	U		3000	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	2000	U		1800	U		13	U		120		#	5900	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	1000	U		890	U		6.7	U		12		#	3000	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	1000	U		890	U		6.7	U		6.8	U		3000	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	1000	U		890	U		6.7	U		1.7	J	#	3000	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	1000	U		890	U		6.7	U		6.8	U		3000	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	16000		A	11000		A	6.7	U		65		#	3700		A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	2000	U		1800	U		13	U		19		~	5900	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	1000	U		890	U		6.7	U		6.8	U		3000	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	1000	U		890	U		6.7	U		6.8	U		3000	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	1000	UJ		890	U		6.7	U		6.8	U		3000	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	1000	U		890	U		6.7	U		6.8	U		3000	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	1000	U		890	U		6.7	U		6.8	U		3000	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	1000	U		890	U		6.7	U		6.8	U		3000	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	20000	R		18000	R		130	R		140	R		59000	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	1000	U		1800		A	0.98	J	#	0.89	J	#	2100	J	A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	1000	UJ		890	U		6.7	U		6.8	U		3000	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	1000	UJ		890	U		6.7	U		6.8	U		3000	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	1000	UJ		890	U		6.7	U		6.8	U		3000	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	400	U		360	U		2.7	U		2.7	U		1200	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	2000	U		1800	U		13	U		14	U		5900	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	1000	U		890	U		6.7	U		6.8	U		3000	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	400	U		360	U		2.7	U		2.7	U		1200	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	1000	U		890	U		6.7	U		6.8	U		3000	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	1000	U		1700		A	10		#	2.6	J	#	64000		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	2000	U		1800	U		13	U		14	U		5900	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	1000	U		890	U		6.7	U		6.8	U		3000	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-11-B			IDCSB-11-C			IDCSB-12-A			IDCSB-12-B			IDCSB-13-A		
			Sample Name																
			Sample Date	STANDARD - SD	6/8/2010			6/8/2010			6/8/2010			6/8/2010			6/8/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			0 to 4 ft			4 to 8 ft			0 to 4 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	1000	U		890	U		6.7	U		6.8	U		3000	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	1000	U		890	U		6.7	U		6.8	U		3000	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	1000	U		890	U		6.7	U		6.8	U		3000	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	1000	U		890	U		6.7	U		6.8	U		3000	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	1000	U		890	U		6.7	U		6.8	U		3000	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	400	U		360	U		2.7	U		2.7	U		1200	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	1000	U		890	U		6.7	U		6.8	U		3000	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	1000	U		890	U		6.7	U		6.8	U		3000	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	1000	U		890	U		6.7	U		6.8	U		3000	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	1000	U		890	U		6.7	U		6.8	U		3000	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-13-B			IDCSB-13-C			IDCSB-14-A			IDCSB-14-B		
			Sample Name													
			Sample Date	STANDARD - SD	6/8/2010			6/8/2010			6/8/2010			6/8/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			0 to 4 ft			4 to 8 ft		
(Group Code)	**(Group Description)**															
1-voa-s	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	2600	U		7300	U		7	U		59000	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	2600	U		7300	U		7	U		59000	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	2600	U		7300	U		7	U		59000	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	5300	U		15000	U		14	U		120000	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	2600	U		7300	U		2.1	J	#	59000	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	2600	U		7300	U		7	U		59000	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	2600	U		7300	U		160		#	59000	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	2600	U		7300	U		7	U		59000	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	23000		A	14000		A	4200		A	29000	J	A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	5300	U		15000	U		14	U		120000	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	2600	U		7300	U		7	U		59000	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	2600	U		7300	U		7	U		59000	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	2600	U		7300	U		21		~	59000	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	2600	U		7300	U		7	U		59000	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	2600	U		7300	U		7	U		59000	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	2600	U		7300	U		7	U		59000	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	53000	R		150000	R		140	R		1200000	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	9000		A	7300	J	A	920		A	28000	J	A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	2600	U		7300	U		170		~	59000	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	2600	U		7300	U		7	U		59000	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	2600	U		7300	U		7	U		59000	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1100	U		2900	U		2.8	U		23000	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	5300	U		15000	U		14	U		120000	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	2600	U		7300	U		7	U		59000	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1100	U		2900	U		2.8	U		23000	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	2600	U		7300	U		7	U		59000	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	45000		A	120000		A	180	J	A	1700000		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	5300	U		15000	U		14	U		120000	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	2600	U		7300	U		7	U		59000	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
INTERNATIONAL DRY CLEANERS SOIL BORINGS - VOLATILE ORGANIC EXCEEDANCES

			Sample Code	EPA-SSLs	IDCSB-13-B			IDCSB-13-C			IDCSB-14-A			IDCSB-14-B		
			Sample Name													
			Sample Date	STANDARD - SD	6/8/2010			6/8/2010			6/8/2010			6/8/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		4 to 8 ft			8 to 12 ft			0 to 4 ft			4 to 8 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	2600	U		7300	U		7	U		59000	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	2600	U		7300	U		7	U		59000	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	2600	U		7300	U		14		#	59000	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	2600	U		7300	U		7	U		59000	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	2600	U		7300	U		7	U		59000	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	2600	U		7300	U		16		~	59000	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	1100	U		2900	U		2.8	U		23000	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	2600	U		7300	U		7	U		59000	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	2600	U		7300	U		7	U		59000	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	2600	U		7300	U		7	U		59000	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	2600	U		7300	U		7	U		59000	U	

Ramallo Soil Borings

Wet Chemistry

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-11-A	RMSB-11-B	RMSB-11-C	RMSB-11-E	RMSB-11-F	RMSB-11-G	RMSB-11-H	RMSB-12-A
			Sample Name								
			Sample Date	4/29/2010	4/29/2010	4/29/2010	4/29/2010	4/29/2010	4/29/2010	4/29/2010	4/30/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.			5.04	5.17				
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg			3738	1701				

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-12-B	RMSB-12-C	RMSB-12-C-DUP	RMSB-12-D	RMSB-12-E	RMSB-12-F	RMSB-12-G
			Sample Name			RMSB-012-C				
			Sample Date	4/30/2010	4/30/2010	4/30/2010	4/30/2010	4/30/2010	4/30/2010	4/30/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	36 to 60 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.	5.17				5.7		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	5696				1485		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-13-A	RMSB-13-B	RMSB-13-C	RMSB-13-D	RMSB-13-E	RMSB-13-F	RMSB-13-G	RMSB-14-A
			Sample Name								
			Sample Date	4/30/2010	4/30/2010	4/30/2010	4/30/2010	4/30/2010	5/3/2010	5/12/2010	5/6/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	2 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.		4.8			5.55			7.52
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		4346			2869			4990

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-14-B	RMSB-14-C	RMSB-14-C-DUP	RMSB-14-D	RMSB-14-E	RMSB-14-F	RMSB-14-G	RMSB-14-H
			Sample Name			RMSB-014-C					
			Sample Date	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.						5.76		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg						1150		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-15-A	RMSB-15-B	RMSB-15-C	RMSB-15-E	RMSB-15-F	RMSB-15-G	RMSB-15-H	RMSB-16-A
			Sample Name								
			Sample Date	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/6/2010	5/7/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft	4 to 8 ft	8 to 12 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.	7.47					6.45		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	6020					1330		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-16-B	RMSB-16-C	RMSB-16-D	RMSB-16-E	RMSB-16-F	RMSB-16-G	RMSB-16-H	RMSB-17-A
			Sample Name								
			Sample Date	5/7/2010	5/7/2010	5/7/2010	5/7/2010	5/7/2010	5/7/2010	5/7/2010	5/7/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft	0 to 4 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.	6.3				5.9			5.31
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	2380				2090			1580

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-17-B	RMSB-17-C	RMSB-17-D	RMSB-17-E	RMSB-18-A	RMSB-18-B	RMSB-18-C
			Sample Name							
			Sample Date	5/7/2010	5/7/2010	5/7/2010	5/7/2010	5/10/2010	5/10/2010	5/10/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	0 to 4 ft	8 to 12 ft	8 to 12 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.				5.36	7.1		
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				1820	6230		

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-18-C-DUP	RMSB-18-D	RMSB-18-E	RMSB-18-F	RMSB-18-G	RMSB-18-H	RMSB-19-A
			Sample Name	RMSB-018-C						
			Sample Date	5/10/2010	5/10/2010	5/10/2010	5/10/2010	5/10/2010	5/10/2010	5/12/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft	0 to 4 ft
(Group Code)	**(Group Description)**									
Wetchem-S	**Additional Parameters**									
PH	pH	SW9045C	s.u.				6.17			
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				1340			

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-19-B	RMSB-19-C	RMSB-19-D	RMSB-19-E	RMSB-19-F	RMSB-19-G	RMSB-20-A	RMSB-20-B
			Sample Name								
			Sample Date	5/11/2010	5/11/2010	5/11/2010	5/11/2010	5/11/2010	5/11/2010	5/11/2010	5/11/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	4 to 8 ft	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	56 to 60 ft	0 to 4 ft	4 to 8 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.	4.74					5.45	7.39	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	4500					1550	9560	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-20-C	RMSB-20-D	RMSB-20-E	RMSB-20-F	RMSB-21-A	RMSB-21-B	RMSB-21-C	RMSB-21-D
			Sample Name								
			Sample Date	5/11/2010	5/11/2010	5/11/2010	5/11/2010	5/13/2010	5/13/2010	5/13/2010	5/13/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	8 to 12 ft	20 to 24 ft	32 to 36 ft	44 to 48 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.				6.37			7.05	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg				2440			2650	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-21-E	RMSB-21-F	RMSB-21-G	RMSB-21-H	RMSB-22-A	RMSB-22-B	RMSB-22-C	RMSB-22-D
			Sample Name								
			Sample Date	5/13/2010	5/13/2010	5/13/2010	5/13/2010	6/2/2010	6/2/2010	6/2/2010	6/2/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	30 to 36 ft	44 to 48 ft	56 to 60 ft	68 to 72 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.	6.6						7.6	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg	1260						1980	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - WET CHEMISTRY

			Sample Code	RMSB-22-E	RMSB-22-F	RMSB-22-G	RMSB-23-A	RMSB-23-B	RMSB-23-C	RMSB-23-D	RMSB-23-D-DUP
			Sample Name								RMSB-023-D
			Sample Date	6/2/2010	6/2/2010	6/2/2010	6/2/2010	6/2/2010	6/2/2010	6/2/2010	6/2/2010
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft	44 to 48 ft	56 to 60 ft	0 to 4 ft	4 to 8 ft	8 to 12 ft	20 to 24 ft	20 to 24 ft
(Group Code)	**(Group Description)**										
Wetchem-S	**Additional Parameters**										
PH	pH	SW9045C	s.u.		6.05				6.57	6.94	
TOC	Total Organic Carbon	LLOYD KAHN	mg/Kg		1490				2000	1100	

Ramallo Soil Borings

Volatile Organic Compounds

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-11-A		RMSB-11-B		RMSB-11-C		RMSB-11-E		RMSB-11-F		RMSB-11-G		RMSB-11-H	
			Sample Name														
			Sample Date	4/29/2010		4/29/2010		4/29/2010		4/29/2010		4/29/2010		4/29/2010		4/29/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.2	U	6.5	U	8.2		8.9		7.1	U	8.3	U	5.3	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
67-64-1	Acetone	VOA-S	ug/Kg	110		130		12	J	13	U	14	U	17	U	11	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.2	U	2.2	J	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.2	U	2.9	J	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	0.84	J	0.63	J	1.3	J	0.63	J	7.1	U	8.3	U	5.3	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	15		13		25		7.1		11		3	J	5.3	U
78-93-3	2-Butanone	VOA-S	ug/Kg	5.1	J	10	J	14	U	13	U	14	U	17	U	11	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
71-43-2	Benzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	120	R	130	R	140	R	130	R	140	R	170	R	110	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	4.4	J	3.8	J	7		8.3		7	J	2.5	J	5.3	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.6	U	2.7	U	2.6	U	2.8	U	3.3	U	2.1	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	13	U	14	U	13	U	14	U	17	U	11	U
108-88-3	Toluene	VOA-S	ug/Kg	210		130		83		6.6	U	7.1	U	8.3	U	5.3	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.5	U	2.6	U	2.7	U	2.6	U	2.8	U	3.3	U	2.1	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.2	U	6.5	U	1.6	J	12		35		2.5	J	5.3	U
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	13	U	14	U	13	U	14	U	17	U	11	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-11-A		RMSB-11-B		RMSB-11-C		RMSB-11-E		RMSB-11-F		RMSB-11-G		RMSB-11-H	
			Sample Name														
			Sample Date	4/29/2010		4/29/2010		4/29/2010		4/29/2010		4/29/2010		4/29/2010		4/29/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.2	U	0.58	J	0.74	J	6.6	U	7.1	U	8.3	U	5.3	U
100-42-5	Styrene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.5	U	2.6	U	2.7	U	2.6	U	2.8	U	3.3	U	2.1	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.2	U	6.5	U	6.8	U	6.6	U	7.1	U	8.3	U	5.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-12-A		RMSB-12-B		RMSB-12-C		RMSB-12-C-DUP		RMSB-12-D		RMSB-12-E		RMSB-12-F	
			Sample Name							RMSB-012-C							
			Sample Date	4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg	5.8	U	560		5.4	U	580		570		7.1	U	7.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
74-83-9	Bromomethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
67-64-1	Acetone	VOA-S	ug/Kg	9.4	J	940	U	19		950	U	960	U	10	J	5.5	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	9.8		470	U	3.1	J	470	U	480	U	140		190	
78-93-3	2-Butanone	VOA-S	ug/Kg	12	U	940	U	11	U	950	U	960	U	2.5	J	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
67-66-3	Chloroform	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
71-43-2	Benzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	4200	J	9400	R	4300	J	9500	R	9600	R	97	J	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	19		470	U	2.2	J	470	U	480	U	23		96	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.3	U	190	U	2.2	U	190	U	190	U	2.8	U	2.9	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	12	U	940	U	11	U	950	U	960	U	14	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	92		470	U	30		470	U	480	U	7.1	U	7.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.3	U	190	U	2.2	U	190	U	190	U	2.8	U	2.9	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	140	J	1200		310	J	1000		2800		10000		12000	
591-78-6	2-Hexanone	VOA-S	ug/Kg	12	U	940	U	11	U	950	U	960	U	14	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-12-A		RMSB-12-B		RMSB-12-C		RMSB-12-C-DUP		RMSB-12-D		RMSB-12-E		RMSB-12-F	
			Sample Name							RMSB-012-C							
			Sample Date	4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
100-42-5	Styrene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.3	U	190	U	2.2	U	190	U	190	U	2.8	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	5.8	U	470	U	5.4	U	470	U	480	U	7.1	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-12-G		RMSB-13-A		RMSB-13-B		RMSB-13-C		RMSB-13-D		RMSB-13-E		RMSB-13-F	
			Sample Name														
			Sample Date	4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		5/3/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	36 to 60 ft		2 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
67-64-1	Acetone	VOA-S	ug/Kg	5.5	J	30		5.5	J	14	U	13	U	16	U	15	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	0.86	J	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	190		5.6	U	7.9		4.1	J	25		190		190	
78-93-3	2-Butanone	VOA-S	ug/Kg	14	U	11	U	14	U	14	U	13	U	16	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
71-43-2	Benzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	140	R	110	R	140	R	140	R	130	R	160	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	190		5.6	U	2.7	J	7.1	U	3.8	J	34		59	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	2.2	U	2.8	U	2.8	U	2.7	U	3.2	U	3	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	14	U	11	U	14	U	14	U	13	U	16	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	2.2	U	2.8	U	2.8	U	2.7	U	3.2	U	3	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	14000		5.6	U	13		4.5	J	46		420	J	740	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	14	U	11	U	14	U	14	U	13	U	16	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-12-G		RMSB-13-A		RMSB-13-B		RMSB-13-C		RMSB-13-D		RMSB-13-E		RMSB-13-F	
			Sample Name														
			Sample Date	4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010		5/3/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	36 to 60 ft		2 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
100-42-5	Styrene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.7	U	2.2	U	2.8	U	2.8	U	2.7	U	3.2	U	3	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.8	U	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U	7.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-13-G		RMSB-14-A		RMSB-14-B		RMSB-14-C		RMSB-14-C-DUP		RMSB-14-D		RMSB-14-E	
			Sample Name									RMSB-014-C					
			Sample Date	5/12/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
74-87-3	Chloromethane	VOA-S	ug/Kg	250	J	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
74-83-9	Bromomethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-00-3	Chloroethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
67-64-1	Acetone	VOA-S	ug/Kg	770	U	92		150		9.8	J	4.1	J	12	J	16	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	390	U	0.64	J	0.76	J	6.4	U	6.7	U	7.6	U	8.1	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	270	J	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
78-93-3	2-Butanone	VOA-S	ug/Kg	770	U	10	J	11	J	13	U	13	U	15	U	16	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
67-66-3	Chloroform	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
71-43-2	Benzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	7700	R	150	R	140	R	130	R	130	R	150	R	160	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	390	U	7.7	UJ	6.9	UJ	6.4	UJ	6.7	UJ	1.8	J	8.1	UJ
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	390	U	3.1	U	2.7	U	2.6	U	2.7	U	3	U	3.2	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	770	U	15	U	14	U	13	U	13	U	15	U	16	U
108-88-3	Toluene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	390	U	3.1	U	2.7	U	2.6	U	2.7	U	3	U	3.2	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	2000		7.7	U	6.9	U	6.9		5.9	J	71		32	
591-78-6	2-Hexanone	VOA-S	ug/Kg	770	U	15	U	14	U	13	U	13	U	15	U	16	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-13-G		RMSB-14-A		RMSB-14-B		RMSB-14-C		RMSB-14-C-DUP		RMSB-14-D		RMSB-14-E	
			Sample Name									RMSB-014-C					
			Sample Date	5/12/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
95-47-6	o-Xylene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
100-42-5	Styrene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
75-25-2	Bromoform	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	390	U	3.1	U	2.7	U	2.6	U	2.7	U	3	U	3.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	390	U	7.7	U	6.9	U	6.4	U	6.7	U	7.6	U	8.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-14-F		RMSB-14-G		RMSB-14-H		RMSB-15-A		RMSB-15-B		RMSB-15-C		RMSB-15-E	
			Sample Name														
			Sample Date	5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		32 to 36 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
67-64-1	Acetone	VOA-S	ug/Kg	15	U	14	U	14	U	12	U	12	J	5.7	J	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	58	
78-93-3	2-Butanone	VOA-S	ug/Kg	15	U	14	U	14	U	12	U	15	U	13	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
71-43-2	Benzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	150	R	140	R	140	R	120	R	150	R	130	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.5	UJ	6.8	UJ	6.8	UJ	5.9	UJ	7.3	UJ	6.6	UJ	26	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	3	U	2.7	U	2.7	U	2.4	U	2.9	U	2.6	U	2.7	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	15	U	14	U	14	U	12	U	15	U	13	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	3	U	2.7	U	2.7	U	2.4	U	2.9	U	2.6	U	2.7	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	51		120		290	J	14		14		21		220	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	15	U	14	U	14	U	12	U	15	U	13	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-14-F		RMSB-14-G		RMSB-14-H		RMSB-15-A		RMSB-15-B		RMSB-15-C		RMSB-15-E	
			Sample Name														
			Sample Date	5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
100-42-5	Styrene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	U	2.7	U	2.7	U	2.4	U	2.9	U	2.6	U	2.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.5	U	6.8	U	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-15-F		RMSB-15-G		RMSB-15-H		RMSB-16-A		RMSB-16-B		RMSB-16-C		RMSB-16-D	
			Sample Name														
			Sample Date	5/6/2010		5/6/2010		5/6/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.7	U	330	J	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
67-64-1	Acetone	VOA-S	ug/Kg	13	U	810	U	14	U	5.4	J	4.1	J	4.2	J	7.1	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	34		400	U	8.6		6.3	U	5.6	U	6.3	U	7.6	U
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	810	U	14	U	13	U	11	U	13	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
71-43-2	Benzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	8100	R	140	R	130	R	110	R	130	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	16	J	400	U	7	J	6.3	U	5.6	U	6.3	UJ	7.6	UJ
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	160	U	2.8	U	6.3	U	5.6	U	6.3	U	7.6	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	810	U	14	U	13	U	11	U	13	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	160	U	2.8	U	6.3	U	5.6	U	6.3	U	7.6	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	380	J	410		230	J	5.5	J	5.3	J	5.3	J	22	
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	810	U	14	U	13	U	11	U	13	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-15-F		RMSB-15-G		RMSB-15-H		RMSB-16-A		RMSB-16-B		RMSB-16-C		RMSB-16-D	
			Sample Name														
			Sample Date	5/6/2010		5/6/2010		5/6/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
100-42-5	Styrene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.7	U	160	U	2.8	U	6.3	U	5.6	U	6.3	U	7.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	400	U	7.1	U	6.3	U	5.6	U	6.3	U	7.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-16-E		RMSB-16-F		RMSB-16-G		RMSB-16-H		RMSB-17-A		RMSB-17-B		RMSB-17-C	
			Sample Name														
			Sample Date	5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
67-64-1	Acetone	VOA-S	ug/Kg	8.1	J	15	U	14	U	13	U	11	U	6	J	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.6	U	7.6	U	0.57	J	6.3	U	5.5	U	7	U	7.1	U
78-93-3	2-Butanone	VOA-S	ug/Kg	15	U	15	U	14	U	13	U	11	U	14	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
71-43-2	Benzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	150	R	150	R	140	R	130	R	110	R	140	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	15	U	15	U	14	U	13	U	11	U	14	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	0.97	J	12		34		37		2	J	2.9	J	4.9	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	15	U	15	U	14	U	13	U	11	U	14	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-16-E		RMSB-16-F		RMSB-16-G		RMSB-16-H		RMSB-17-A		RMSB-17-B		RMSB-17-C	
			Sample Name														
			Sample Date	5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
100-42-5	Styrene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.6	U	7.6	U	7	U	6.3	U	5.5	U	7	U	7.1	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-17-D		RMSB-17-E		RMSB-18-A		RMSB-18-B		RMSB-18-C		RMSB-18-C-DUP		RMSB-18-D	
			Sample Name											RMSB-018-C			
			Sample Date	5/7/2010		5/7/2010		5/10/2010		5/10/2010		5/10/2010		5/10/2010		5/10/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		0 to 4 ft		8 to 12 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	7.7	U	8.3	U	910	J	2000		400	J	380	J	100	J
74-83-9	Bromomethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.7	U	8.3	U	74		26		120		6.9	U	7.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
67-64-1	Acetone	VOA-S	ug/Kg	7	J	7.4	J	99		880	J	850	J	1700	J	3600	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	19		69		9.3		2.4	J
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	1.8	J	5.8	UJ	4.7	J	8.4	J
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	7.7	U	8.3	U	7.4		53		92		6.9	U	7.2	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	7.7	U	8.3	U	11		17		47	J	12		5	J
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	7.7	U	8.3	U	6900	J	41000		620		470	J	2600	
78-93-3	2-Butanone	VOA-S	ug/Kg	15	U	17	U	15	U	370		110		420		4600	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	4.5	J	8.1	J	6.9	U	7.2	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.7	U	8.3	U	45		7.9	U	10	J	6.9	U	7.2	UJ
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
71-43-2	Benzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	1.1	J	6.9	U	7.2	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	150	R	170	R	150	R	120	J	100	J	72	J	690	J
79-01-6	Trichloroethene	VOA-S	ug/Kg	7.7	U	8.3	U	2700	J	3.3	J	1400	J	25		1.9	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	3	J	5.2	J	6.9	U	7.2	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	15	U	17	U	15	U	13	J	15		5	J	18	
108-88-3	Toluene	VOA-S	ug/Kg	7.7	U	8.3	U	87		230		390	J	40		7.2	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	6.2	J	8.3	U	3300000		790	J	210	J	430	J	340	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	15	U	17	U	15	U	16	U	12	U	14	U	7.3	J
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-17-D		RMSB-17-E		RMSB-18-A		RMSB-18-B		RMSB-18-C		RMSB-18-C-DUP		RMSB-18-D	
			Sample Name											RMSB-018-C			
			Sample Date	5/7/2010		5/7/2010		5/10/2010		5/10/2010		5/10/2010		5/10/2010		5/10/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		0 to 4 ft		8 to 12 ft		8 to 12 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	UJ
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.7	U	8.3	U	1.5	J	8		11		6.9	U	7.2	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.7	U	8.3	U	3	J	21		29		1.6	J	7.2	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.7	U	8.3	U	6.2	J	48		64		2.2	J	0.66	J
100-42-5	Styrene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	UJ	6.9	U	7.2	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.7	U	8.3	U	0.8	J	1.1	J	2.1	J	6.9	U	7.2	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.7	U	8.3	U	7.3	U	7.9	U	5.8	U	6.9	U	7.2	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-18-E		RMSB-18-F		RMSB-18-G		RMSB-18-H		RMSB-19-A		RMSB-19-B		RMSB-19-C	
			Sample Name														
			Sample Date	5/10/2010		5/10/2010		5/10/2010		5/10/2010		5/12/2010		5/11/2010		5/11/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
74-87-3	Chloromethane	VOA-S	ug/Kg	7.3	U	7.4	U	330	J	490	U	5.4	U	6.2	U	6.7	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	160	J	42	J	530	U	490	U	5.4	U	6.2	U	6.7	U
74-83-9	Bromomethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-00-3	Chloroethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
67-64-1	Acetone	VOA-S	ug/Kg	120		5.2	J	1100	U	990	U	50		12	U	13	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	1	J	6.2	U	6.7	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	1.8	J	0.94	J	530	U	490	U	5.4	U	6.2	U	6.7	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.4	J	2.6	J	530	U	490	U	5.4	U	6.2	U	6.7	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	6300		760		1300		380	J	5.4	U	6.2	U	6.7	U
78-93-3	2-Butanone	VOA-S	ug/Kg	310		15	U	1100	U	990	U	8.2	J	12	U	13	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
67-66-3	Chloroform	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
71-43-2	Benzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	410	J	150	R	11000	R	9900	R	110	R	120	R	130	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	120		100		530	U	490	U	1.5	J	6.2	U	6.7	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	2.9	J	15	U	1100	U	990	U	11	U	12	U	13	U
108-88-3	Toluene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	830		320	J	2700		1300		9.2		23		15	
591-78-6	2-Hexanone	VOA-S	ug/Kg	15	U	15	U	1100	U	990	U	11	U	12	U	13	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-18-E		RMSB-18-F		RMSB-18-G		RMSB-18-H		RMSB-19-A		RMSB-19-B		RMSB-19-C	
			Sample Name														
			Sample Date	5/10/2010		5/10/2010		5/10/2010		5/10/2010		5/12/2010		5/11/2010		5/11/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	32 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
100-42-5	Styrene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
75-25-2	Bromoform	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	7.3	U	7.4	U	530	U	490	U	5.4	U	6.2	U	6.7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-19-D		RMSB-19-E		RMSB-19-F		RMSB-19-G		RMSB-20-A		RMSB-20-B		RMSB-20-C	
			Sample Name														
			Sample Date	5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
67-64-1	Acetone	VOA-S	ug/Kg	4	J	15	U	17	U	17	U	12	U	11	U	14	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	0.51	J	3.2	J	1.4	J	1.4	J	6.2	U	5.5	U	0.7	J
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	15	U	17	U	17	U	12	U	11	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
71-43-2	Benzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	150	R	170	R	170	R	120	R	110	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	6.6	U	3.8	J	1.4	J	2.4	J	6.2	U	5.5	U	7	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	15	U	17	U	17	U	12	U	11	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	29		110		37		59		13		1.9	J	8.7	
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	15	U	17	U	17	U	12	U	11	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-19-D		RMSB-19-E		RMSB-19-F		RMSB-19-G		RMSB-20-A		RMSB-20-B		RMSB-20-C	
			Sample Name														
			Sample Date	5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.6	U	7.6	U	8.3	U	8.3	U	6.2	U	5.5	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-20-D		RMSB-20-E		RMSB-20-F		RMSB-21-A		RMSB-21-B		RMSB-21-C		RMSB-21-D	
			Sample Name														
			Sample Date	5/11/2010		5/11/2010		5/11/2010		5/13/2010		5/13/2010		5/13/2010		5/13/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
67-64-1	Acetone	VOA-S	ug/Kg	13	U	15	U	14	U	12	U	13	U	9.7	U	15	U
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	4.1	J	56		7.5		6.1	U	6.5	U	0.6	J	7.5	U
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	15	U	14	U	12	U	13	U	9.7	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
71-43-2	Benzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	150	R	140	R	120	R	130	R	97	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	1.3	J	15		2	J	6.1	U	6.5	U	4.8	U	7.5	U
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	2.5	U	2.6	U	1.9	U	3	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	15	U	14	U	12	U	13	U	9.7	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	2.5	U	2.6	U	1.9	U	3	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	13		110		22		6.1	U	1.7	J	2	J	0.66	J
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	15	U	14	U	12	U	13	U	9.7	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-20-D		RMSB-20-E		RMSB-20-F		RMSB-21-A		RMSB-21-B		RMSB-21-C		RMSB-21-D	
			Sample Name														
			Sample Date	5/11/2010		5/11/2010		5/11/2010		5/13/2010		5/13/2010		5/13/2010		5/13/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
100-42-5	Styrene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	2.5	U	2.6	U	1.9	U	3	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U	4.8	U	7.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-21-E		RMSB-21-F		RMSB-21-G		RMSB-21-H		RMSB-22-A		RMSB-22-B		RMSB-22-C	
			Sample Name														
			Sample Date	5/13/2010		5/13/2010		5/13/2010		5/13/2010		6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	30 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
74-87-3	Chloromethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
74-83-9	Bromomethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-00-3	Chloroethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
67-64-1	Acetone	VOA-S	ug/Kg	6.1	J	15	U	12	U	12	U	7.3	J	6.1	J	5.8	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	8	U	0.58	J	6	U	6.2	U	7.5	U	6.7	U	0.81	J
78-93-3	2-Butanone	VOA-S	ug/Kg	16	U	15	U	12	U	12	U	15	U	13	U	14	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
67-66-3	Chloroform	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
71-43-2	Benzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	160	R	150	R	120	R	120	R	150	R	130	R	140	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	1	J	2.8	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	8	U	1.5	J	6	U	6.2	U	7.5	U	6.7	U	6.9	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	3.2	U	2.9	U	2.4	U	2.5	U	3	U	2.7	U	2.8	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	16	U	15	U	12	U	12	U	15	U	13	U	14	U
108-88-3	Toluene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	3.2	U	2.9	U	2.4	U	2.5	U	3	U	2.7	U	2.8	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	0.86	J	0.82	J	0.79	J	6.2	U	1600	J	620		940	
591-78-6	2-Hexanone	VOA-S	ug/Kg	16	U	15	U	12	U	12	U	15	U	13	U	14	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-21-E		RMSB-21-F		RMSB-21-G		RMSB-21-H		RMSB-22-A		RMSB-22-B		RMSB-22-C	
			Sample Name														
			Sample Date	5/13/2010		5/13/2010		5/13/2010		5/13/2010		6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	30 to 36 ft		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
100-42-5	Styrene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3.2	U	2.9	U	2.4	U	2.5	U	3	U	2.7	U	2.8	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	8	U	7.4	U	6	U	6.2	U	7.5	U	6.7	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-22-D		RMSB-22-E		RMSB-22-F		RMSB-22-G		RMSB-23-A		RMSB-23-B		RMSB-23-C	
			Sample Name														
			Sample Date	6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
(Group Code)	**(Group Description)**																
1-voa-s	**Volatile Organic Compounds**																
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
74-87-3	Chloromethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
74-83-9	Bromomethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-00-3	Chloroethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
67-64-1	Acetone	VOA-S	ug/Kg	930	J	7.9	J	5.5	J	14	U	6.5	J	6.1	J	5.7	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	1000	UJ	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	1600	J	21		30		18		6.6	U	7.3	U	7.4	U
78-93-3	2-Butanone	VOA-S	ug/Kg	2000	R	15	U	16	U	14	U	13	U	15	U	15	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
67-66-3	Chloroform	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
71-43-2	Benzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	20000	R	150	R	160	R	140	R	130	R	150	R	150	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	2400	J	21		32		37		6.6	U	7.3	U	0.92	J
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	410	R	2.9	U	3.1	U	2.8	U	2.7	U	2.9	U	2.9	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	2000	R	15	U	16	U	14	U	13	U	15	U	15	U
108-88-3	Toluene	VOA-S	ug/Kg	1000	UJ	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	410	R	2.9	U	3.1	U	2.8	U	2.7	U	2.9	U	2.9	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	120000	J	2200		3300	J	2600		95		120		180	
591-78-6	2-Hexanone	VOA-S	ug/Kg	2000	R	15	U	16	U	14	U	13	U	15	U	15	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-22-D		RMSB-22-E		RMSB-22-F		RMSB-22-G		RMSB-23-A		RMSB-23-B		RMSB-23-C	
			Sample Name														
			Sample Date	6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
100-42-5	Styrene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	410	R	2.9	U	3.1	U	2.8	U	2.7	U	2.9	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	1000	R	7.4	U	7.8	U	7	U	6.6	U	7.3	U	7.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-23-D		RMSB-23-D-DUP	
			Sample Name			RMSB-023-D	
			Sample Date	6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		20 to 24 ft	
(Group Code)	**(Group Description)**						
1-voa-s	**Volatile Organic Compounds**						
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	6.7	U	8	U
74-87-3	Chloromethane	VOA-S	ug/Kg	6.7	U	8	U
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	6.7	U	8	U
74-83-9	Bromomethane	VOA-S	ug/Kg	6.7	U	8	U
75-00-3	Chloroethane	VOA-S	ug/Kg	6.7	U	8	U
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	6.7	U	8	U
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	6.7	U	8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	6.7	U	8	U
67-64-1	Acetone	VOA-S	ug/Kg	6.4	J	13	J
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	6.7	U	8	U
79-20-9	Methyl Acetate	VOA-S	ug/Kg	6.7	U	8	U
75-09-2	Methylene Chloride	VOA-S	ug/Kg	6.7	U	8	U
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	6.7	U	8	U
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	6.7	U	8	U
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	6.7	U	8	U
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	0.95	J	6.4	J
78-93-3	2-Butanone	VOA-S	ug/Kg	13	U	16	U
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	6.7	U	8	U
67-66-3	Chloroform	VOA-S	ug/Kg	6.7	U	8	U
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	6.7	U	8	U
110-82-7	Cyclohexane	VOA-S	ug/Kg	6.7	U	8	U
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	6.7	U	8	U
71-43-2	Benzene	VOA-S	ug/Kg	6.7	U	8	U
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	6.7	U	8	U
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	130	R	160	R
79-01-6	Trichloroethene	VOA-S	ug/Kg	1	J	11	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	6.7	U	8	U
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	6.7	U	8	U
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	6.7	U	8	U
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	3.2	U
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	13	U	16	U
108-88-3	Toluene	VOA-S	ug/Kg	6.7	U	8	U
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	2.7	U	3.2	U
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	6.7	U	8	U
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	85		710	
591-78-6	2-Hexanone	VOA-S	ug/Kg	13	U	16	U
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	6.7	U	8	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS - VOLATILE ORGANIC COMPOUNDS

			Sample Code	RMSB-23-D		RMSB-23-D-DUP	
			Sample Name			RMSB-023-D	
			Sample Date	6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth	20 to 24 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	6.7	U	8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	6.7	U	8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	6.7	U	8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	6.7	U	8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	6.7	U	8	U
100-42-5	Styrene	VOA-S	ug/Kg	6.7	U	8	U
75-25-2	Bromoform	VOA-S	ug/Kg	6.7	U	8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	6.7	U	8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	2.7	U	3.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	6.7	U	8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	6.7	U	8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	6.7	U	8	U

Ramallo Soil Borings

Volatile Organic Compound Exceedances

CDM

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-11-A			RMSB-11-B			RMSB-11-C			RMSB-11-E			RMSB-11-F		
			Sample Name																
			Sample Date	STANDARD - SD	4/29/2010			4/29/2010			4/29/2010			4/29/2010			4/29/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			32 to 36 ft			44 to 48 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.2	U		6.5	U		8.2		#	8.9		#	7.1	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	110		#	130		#	12	J	#	13	U		14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.2	U		2.2	J	#	6.8	U		6.6	U		7.1	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.2	U		2.9	J	~	6.8	U		6.6	U		7.1	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	0.84	J	#	0.63	J	#	1.3	J	#	0.63	J	#	7.1	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	15		#	13		#	25		#	7.1		#	11		#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	5.1	J	~	10	J	~	14	U		13	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R		130	R		140	R		130	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	4.4	J	#	3.8	J	#	7		#	8.3		#	7	J	#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.5	U		2.6	U		2.7	U		2.6	U		2.8	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U		13	U		14	U		13	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	210		#	130		#	83		#	6.6	U		7.1	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.5	U		2.6	U		2.7	U		2.6	U		2.8	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.2	U		6.5	U		1.6	J	#	12		#	35		#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U		13	U		14	U		13	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-11-A			RMSB-11-B			RMSB-11-C			RMSB-11-E			RMSB-11-F		
			Sample Name																
			Sample Date	STANDARD - SD	4/29/2010			4/29/2010			4/29/2010			4/29/2010			4/29/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			32 to 36 ft			44 to 48 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.2	U		0.58	J	~	0.74	J	~	6.6	U		7.1	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.5	U		2.6	U		2.7	U		2.6	U		2.8	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.2	U		6.5	U		6.8	U		6.6	U		7.1	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-11-G			RMSB-11-H			RMSB-12-A			RMSB-12-B			RMSB-12-C		
			Sample Name																
			Sample Date	STANDARD - SD	4/29/2010			4/29/2010			4/30/2010			4/30/2010			4/30/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		56 to 60 ft			68 to 72 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		560		~	5.4	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	17	U		11	U		9.4	J	#	940	U		19		#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	3	J	#	5.3	U		9.8		#	470	U		3.1	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	17	U		11	U		12	U		940	U		11	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	170	R		110	R		4200	J	~	9400	R		4300	J	~
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	2.5	J	#	5.3	U		19		#	470	U		2.2	J	#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.3	U		2.1	U		2.3	U		190	U		2.2	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	17	U		11	U		12	U		940	U		11	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	8.3	U		5.3	U		92		#	470	U		30		#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3.3	U		2.1	U		2.3	U		190	U		2.2	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	8.3	U		5.3	U		5.8	U		470	U		5.4	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	2.5	J	#	5.3	U		140	J	A	1200		A	310	J	A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	17	U		11	U		12	U		940	U		11	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	8.3	U		5.3	U		5.8	U		470	U		5.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-11-G		RMSB-11-H		RMSB-12-A		RMSB-12-B		RMSB-12-C	
			Sample Name											
			Sample Date	STANDARD - SD	4/29/2010		4/29/2010		4/30/2010		4/30/2010		4/30/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	8.3	U	5.3	U	5.8	U	470	U	5.4	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	8.3	U	5.3	U	5.8	U	470	U	5.4	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	8.3	U	5.3	U	5.8	U	470	U	5.4	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	8.3	U	5.3	U	5.8	U	470	U	5.4	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3.3	U	2.1	U	2.3	U	190	U	2.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	8.3	U	5.3	U	5.8	U	470	U	5.4	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	8.3	U	5.3	U	5.8	U	470	U	5.4	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	8.3	U	5.3	U	5.8	U	470	U	5.4	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	8.3	U	5.3	U	5.8	U	470	U	5.4	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-12-C-DUP			RMSB-12-D			RMSB-12-E			RMSB-12-F			RMSB-12-G		
			Sample Name		RMSB-012-C														
			Sample Date	STANDARD - SD	4/30/2010			4/30/2010			4/30/2010			4/30/2010			4/30/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft			36 to 60 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	580		~	570		~	7.1	U		7.2	U		6.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	470	U		480	U		7.1	U		7.2	U		6.8	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	470	U		480	U		7.1	U		7.2	U		6.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	470	U		480	U		7.1	U		7.2	U		6.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	950	U		960	U		10	J	#	5.5	J	#	5.5	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	470	U		480	U		7.1	U		7.2	U		6.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	470	U		480	U		7.1	U		7.2	U		6.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	470	U		480	U		7.1	U		7.2	U		6.8	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	470	U		480	U		7.1	U		7.2	U		0.86	J	#
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	470	U		480	U		140		#	190		#	190		#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	950	U		960	U		2.5	J	~	14	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	470	U		480	U		7.1	U		7.2	U		6.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	470	U		480	U		7.1	U		7.2	U		6.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	470	U		480	U		7.1	U		7.2	U		6.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	470	U		480	U		7.1	U		7.2	U		6.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	470	U		480	U		7.1	U		7.2	U		6.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	9500	R		9600	R		97	J	~	140	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	470	U		480	U		23		#	96		A	190		A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	470	U		480	U		7.1	U		7.2	U		6.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	470	U		480	U		7.1	U		7.2	U		6.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	470	U		480	U		7.1	U		7.2	U		6.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	190	U		190	U		2.8	U		2.9	U		2.7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	950	U		960	U		14	U		14	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	470	U		480	U		7.1	U		7.2	U		6.8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	190	U		190	U		2.8	U		2.9	U		2.7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	470	U		480	U		7.1	U		7.2	U		6.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	1000		A	2800		A	10000		A	12000		A	14000		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	950	U		960	U		14	U		14	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	470	U		480	U		7.1	U		7.2	U		6.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-12-C-DUP		RMSB-12-D		RMSB-12-E		RMSB-12-F		RMSB-12-G	
			Sample Name		RMSB-012-C									
			Sample Date	STANDARD - SD	4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		36 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	470	U	480	U	7.1	U	7.2	U	6.8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	470	U	480	U	7.1	U	7.2	U	6.8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	470	U	480	U	7.1	U	7.2	U	6.8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	470	U	480	U	7.1	U	7.2	U	6.8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	470	U	480	U	7.1	U	7.2	U	6.8	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	470	U	480	U	7.1	U	7.2	U	6.8	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	470	U	480	U	7.1	U	7.2	U	6.8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	470	U	480	U	7.1	U	7.2	U	6.8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	190	U	190	U	2.8	U	2.9	U	2.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	470	U	480	U	7.1	U	7.2	U	6.8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	470	U	480	U	7.1	U	7.2	U	6.8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	470	U	480	U	7.1	U	7.2	U	6.8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	470	U	480	U	7.1	U	7.2	U	6.8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	470	U	480	U	7.1	U	7.2	U	6.8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	470	U	480	U	7.1	U	7.2	U	6.8	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

Cas Rn	Chemical Name	Analytic Method	Sample Code Sample Name Sample Date Unit \\ Depth	EPA-SSLs STANDARD - SD	RMSB-13-A 4/30/2010 2 to 4 ft			RMSB-13-B 4/30/2010 4 to 8 ft			RMSB-13-C 4/30/2010 8 to 12 ft			RMSB-13-D 4/30/2010 20 to 24 ft			RMSB-13-E 4/30/2010 32 to 36 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	30		#	5.5	J	#	14	U		13	U		16	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	5.6	U		7.9		#	4.1	J	#	25		#	190		#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	11	U		14	U		14	U		13	U		16	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	110	R		140	R		140	R		130	R		160	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	5.6	U		2.7	J	#	7.1	U		3.8	J	#	34		#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.2	U		2.8	U		2.8	U		2.7	U		3.2	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	11	U		14	U		14	U		13	U		16	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.2	U		2.8	U		2.8	U		2.7	U		3.2	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.6	U		13		#	4.5	J	#	46		#	420	J	A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	11	U		14	U		14	U		13	U		16	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	5.6	U		6.9	U		7.1	U		6.7	U		7.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-13-A		RMSB-13-B		RMSB-13-C		RMSB-13-D		RMSB-13-E	
			Sample Name											
			Sample Date	STANDARD - SD	4/30/2010		4/30/2010		4/30/2010		4/30/2010		4/30/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		2 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.2	U	2.8	U	2.8	U	2.7	U	3.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	5.6	U	6.9	U	7.1	U	6.7	U	7.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-13-F			RMSB-13-G			RMSB-14-A			RMSB-14-B			RMSB-14-C		
			Sample Name																
			Sample Date	STANDARD - SD	5/3/2010			5/12/2010			5/6/2010			5/6/2010			5/6/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft			56 to 60 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.4	U		250	J	~	7.7	U		6.9	U		6.4	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	15	U		770	U		92		#	150		#	9.8	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.4	U		390	U		0.64	J	#	0.76	J	#	6.4	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	190		#	270	J	#	7.7	U		6.9	U		6.4	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U		770	U		10	J	~	11	J	~	13	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		7700	R		150	R		140	R		130	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	59		#	390	U		7.7	UJ		6.9	UJ		6.4	UJ	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U		390	U		3.1	U		2.7	U		2.6	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		770	U		15	U		14	U		13	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	3	U		390	U		3.1	U		2.7	U		2.6	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	740	J	A	2000		A	7.7	U		6.9	U		6.9		#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		770	U		15	U		14	U		13	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.4	U		390	U		7.7	U		6.9	U		6.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-13-F			RMSB-13-G			RMSB-14-A			RMSB-14-B			RMSB-14-C		
			Sample Name																
			Sample Date	STANDARD - SD	5/3/2010			5/12/2010			5/6/2010			5/6/2010			5/6/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft			56 to 60 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	3	U		390	U		3.1	U		2.7	U		2.6	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.4	U		390	U		7.7	U		6.9	U		6.4	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U		390	U		7.7	U		6.9	U		6.4	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-14-C-DUP			RMSB-14-D			RMSB-14-E			RMSB-14-F			RMSB-14-G		
			Sample Name		RMSB-014-C														
			Sample Date	STANDARD - SD	5/6/2010			5/6/2010			5/6/2010			5/6/2010			5/6/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	4.1	J	#	12	J	#	16	U		15	U		14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		15	U		16	U		15	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		150	R		160	R		150	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.7	UJ		1.8	J	#	8.1	UJ		7.5	UJ		6.8	UJ	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		3	U		3.2	U		3	U		2.7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		15	U		16	U		15	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		3	U		3.2	U		3	U		2.7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.9	J	#	71		A	32		#	51		#	120		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		15	U		16	U		15	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.7	U		7.6	U		8.1	U		7.5	U		6.8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-14-C-DUP		RMSB-14-D		RMSB-14-E		RMSB-14-F		RMSB-14-G	
			Sample Name		RMSB-014-C									
			Sample Date	STANDARD - SD	5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U	3	U	3.2	U	3	U	2.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U	7.6	U	8.1	U	7.5	U	6.8	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-14-H			RMSB-15-A			RMSB-15-B			RMSB-15-C			RMSB-15-E		
			Sample Name																
			Sample Date	STANDARD - SD	5/6/2010			5/6/2010			5/6/2010			5/6/2010			5/6/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		68 to 72 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			32 to 36 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	14	U		12	U		12	J	#	5.7	J	#	14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.8	U		5.9	U		7.3	U		6.6	U		58		#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	14	U		12	U		15	U		13	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	140	R		120	R		150	R		130	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.8	UJ		5.9	UJ		7.3	UJ		6.6	UJ		26	J	#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.4	U		2.9	U		2.6	U		2.7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	14	U		12	U		15	U		13	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		2.4	U		2.9	U		2.6	U		2.7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	290	J	A	14		#	14		#	21		#	220	J	A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	14	U		12	U		15	U		13	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.8	U		5.9	U		7.3	U		6.6	U		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-14-H		RMSB-15-A		RMSB-15-B		RMSB-15-C		RMSB-15-E	
			Sample Name											
			Sample Date	STANDARD - SD	5/6/2010		5/6/2010		5/6/2010		5/6/2010		5/6/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U	2.4	U	2.9	U	2.6	U	2.7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.8	U	5.9	U	7.3	U	6.6	U	6.9	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-15-F			RMSB-15-G			RMSB-15-H			RMSB-16-A			RMSB-16-B		
			Sample Name																
			Sample Date	STANDARD - SD	5/6/2010			5/6/2010			5/6/2010			5/7/2010			5/7/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft			56 to 60 ft			68 to 72 ft			0 to 4 ft			4 to 8 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.7	U		330	J	~	7.1	U		6.3	U		5.6	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	13	U		810	U		14	U		5.4	J	#	4.1	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	34		#	400	U		8.6		#	6.3	U		5.6	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		810	U		14	U		13	U		11	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		8100	R		140	R		130	R		110	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	16	J	#	400	U		7	J	#	6.3	U		5.6	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		160	U		2.8	U		6.3	U		5.6	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		810	U		14	U		13	U		11	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.7	U		160	U		2.8	U		6.3	U		5.6	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.7	U		400	U		7.1	U		6.3	U		5.6	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	380	J	A	410		A	230	J	A	5.5	J	#	5.3	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		810	U		14	U		13	U		11	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.7	U		400	U		7.1	U		6.3	U		5.6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-15-F		RMSB-15-G		RMSB-15-H		RMSB-16-A		RMSB-16-B	
			Sample Name											
			Sample Date	STANDARD - SD	5/6/2010		5/6/2010		5/6/2010		5/7/2010		5/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft		56 to 60 ft		68 to 72 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.7	U	400	U	7.1	U	6.3	U	5.6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.7	U	400	U	7.1	U	6.3	U	5.6	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.7	U	400	U	7.1	U	6.3	U	5.6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.7	U	400	U	7.1	U	6.3	U	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.7	U	160	U	2.8	U	6.3	U	5.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U	400	U	7.1	U	6.3	U	5.6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.7	U	400	U	7.1	U	6.3	U	5.6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.7	U	400	U	7.1	U	6.3	U	5.6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U	400	U	7.1	U	6.3	U	5.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-16-C			RMSB-16-D			RMSB-16-E			RMSB-16-F			RMSB-16-G		
			Sample Name																
			Sample Date	STANDARD - SD	5/7/2010			5/7/2010			5/7/2010			5/7/2010			5/7/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	4.2	J	#	7.1	J	#	8.1	J	#	15	U		14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.3	U		7.6	U		7.6	U		7.6	U		0.57	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		15	U		15	U		15	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		150	R		150	R		150	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.3	UJ		7.6	UJ		7.6	U		7.6	U		7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		15	U		15	U		15	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.3	U		7.6	U		7.6	U		7.6	U		7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	5.3	J	#	22		#	0.97	J	#	12		#	34		#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		15	U		15	U		15	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.3	U		7.6	U		7.6	U		7.6	U		7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-16-C		RMSB-16-D		RMSB-16-E		RMSB-16-F		RMSB-16-G	
			Sample Name											
			Sample Date	STANDARD - SD	5/7/2010		5/7/2010		5/7/2010		5/7/2010		5/7/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft		20 to 24 ft		32 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.3	U	7.6	U	7.6	U	7.6	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.3	U	7.6	U	7.6	U	7.6	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.3	U	7.6	U	7.6	U	7.6	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.3	U	7.6	U	7.6	U	7.6	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	6.3	U	7.6	U	7.6	U	7.6	U	7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.3	U	7.6	U	7.6	U	7.6	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.3	U	7.6	U	7.6	U	7.6	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.3	U	7.6	U	7.6	U	7.6	U	7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.3	U	7.6	U	7.6	U	7.6	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-16-H			RMSB-17-A			RMSB-17-B			RMSB-17-C			RMSB-17-D		
			Sample Name																
			Sample Date	STANDARD - SD	5/7/2010			5/7/2010			5/7/2010			5/7/2010			5/7/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		68 to 72 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	13	U		11	U		6	J	#	14	U		7	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		11	U		14	U		14	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		110	R		140	R		140	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		11	U		14	U		14	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	37		#	2	J	#	2.9	J	#	4.9	J	#	6.2	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		11	U		14	U		14	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.3	U		5.5	U		7	U		7.1	U		7.7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-16-H			RMSB-17-A			RMSB-17-B			RMSB-17-C			RMSB-17-D		
			Sample Name																
			Sample Date	STANDARD - SD	5/7/2010			5/7/2010			5/7/2010			5/7/2010			5/7/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		68 to 72 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.3	U		5.5	U		7	U		7.1	U		7.7	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.3	U		5.5	U		7	U		7.1	U		7.7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-17-E			RMSB-18-A			RMSB-18-B			RMSB-18-C			RMSB-18-C-DUP		
			Sample Name														RMSB-018-C		
			Sample Date	STANDARD - SD	5/7/2010			5/10/2010			5/10/2010			5/10/2010			5/10/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			0 to 4 ft			8 to 12 ft			8 to 12 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	8.3	U		910	J	A	2000		A	400	J	A	380	J	A
74-83-9	Bromomethane	VOA-S	ug/Kg	200	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	8.3	U		74		A	26		#	120		A	6.9	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	7.4	J	#	99		#	880	J	#	850	J	#	1700	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	8.3	U		7.3	U		19		#	69		#	9.3		#
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		1.8	J	~	5.8	UJ		4.7	J	~
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	8.3	U		7.4		#	53		#	92		#	6.9	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	8.3	U		11		#	17		#	47	J	#	12		#
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	8.3	U		6900	J	A	41000		A	620		A	470	J	A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	17	U		15	U		370		~	110		~	420		~
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	8.3	U		7.3	U		4.5	J	#	8.1	J	#	6.9	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	8.3	U		45		#	7.9	U		10	J	#	6.9	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	8.3	U		7.3	U		7.9	U		1.1	J	#	6.9	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	170	R		150	R		120	J	~	100	J	~	72	J	~
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	8.3	U		2700	J	A	3.3	J	#	1400	J	A	25		#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		3	J	~	5.2	J	~	6.9	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	17	U		15	U		13	J	~	15		~	5	J	~
108-88-3	Toluene	VOA-S	ug/Kg	12000	8.3	U		87		#	230		#	390	J	#	40		#
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	8.3	U		3300000		A	790	J	A	210	J	A	430	J	A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	17	U		15	U		16	U		12	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-17-E			RMSB-18-A			RMSB-18-B			RMSB-18-C			RMSB-18-C-DUP		
			Sample Name														RMSB-018-C		
			Sample Date	STANDARD - SD	5/7/2010			5/10/2010			5/10/2010			5/10/2010			5/10/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			0 to 4 ft			8 to 12 ft			8 to 12 ft			8 to 12 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	8.3	U		1.5	J	#	8		#	11		#	6.9	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	8.3	U		3	J	#	21		#	29		#	1.6	J	#
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	8.3	U		6.2	J	~	48		~	64		~	2.2	J	~
100-42-5	Styrene	VOA-S	ug/Kg	4000	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	8.3	U		7.3	U		7.9	U		5.8	UJ		6.9	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	8.3	U		0.8	J	~	1.1	J	~	2.1	J	~	6.9	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	8.3	U		7.3	U		7.9	U		5.8	U		6.9	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-18-D			RMSB-18-E			RMSB-18-F			RMSB-18-G			RMSB-18-H		
			Sample Name																
			Sample Date	STANDARD - SD	5/10/2010			5/10/2010			5/10/2010			5/10/2010			5/10/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft			68 to 72 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		330	J	~	490	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	100	J	A	160	J	A	42	J	A	530	U		490	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.2	U		7.3	U		7.4	U		530	U		490	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.2	U		7.3	U		7.4	U		530	U		490	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	3600	J	#	120		#	5.2	J	#	1100	U		990	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	2.4	J	#	7.3	U		7.4	U		530	U		490	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	8.4	J	~	7.3	U		7.4	U		530	U		490	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.2	U		1.8	J	#	0.94	J	#	530	U		490	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5	J	#	6.4	J	#	2.6	J	#	530	U		490	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	2600		A	6300		A	760		A	1300		A	380	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	4600		~	310		~	15	U		1100	U		990	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.2	U		7.3	U		7.4	U		530	U		490	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.2	U		7.3	U		7.4	U		530	U		490	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	690	J	~	410	J	~	150	R		11000	R		9900	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	1.9	J	#	120		A	100		A	530	U		490	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.2	U		7.3	U		7.4	U		530	U		490	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.2	U		7.3	U		7.4	U		530	U		490	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	18		~	2.9	J	~	15	U		1100	U		990	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.2	U		7.3	U		7.4	U		530	U		490	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.2	U		7.3	U		7.4	U		530	U		490	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	340	J	A	830		A	320	J	A	2700		A	1300		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	7.3	J	~	15	U		15	U		1100	U		990	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.2	U		7.3	U		7.4	U		530	U		490	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-18-D			RMSB-18-E			RMSB-18-F			RMSB-18-G			RMSB-18-H		
			Sample Name																
			Sample Date	STANDARD - SD	5/10/2010			5/10/2010			5/10/2010			5/10/2010			5/10/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft			32 to 36 ft			44 to 48 ft			56 to 60 ft			68 to 72 ft		
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.2	UJ		7.3	U		7.4	U		530	U		490	U	
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.2	U		7.3	U		7.4	U		530	U		490	U	
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.2	U		7.3	U		7.4	U		530	U		490	U	
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.2	U		7.3	U		7.4	U		530	U		490	U	
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	0.66	J	~	7.3	U		7.4	U		530	U		490	U	
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.2	U		7.3	U		7.4	U		530	U		490	U	
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.2	U		7.3	U		7.4	U		530	U		490	U	
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	7.2	U		7.3	U		7.4	U		530	U		490	U	
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.2	U		7.3	U		7.4	U		530	U		490	U	
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.2	U		7.3	U		7.4	U		530	U		490	U	
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.2	U		7.3	U		7.4	U		530	U		490	U	
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.2	U		7.3	U		7.4	U		530	U		490	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-19-A			RMSB-19-B			RMSB-19-C			RMSB-19-D			RMSB-19-E		
			Sample Name																
			Sample Date	STANDARD - SD	5/12/2010			5/11/2010			5/11/2010			5/11/2010			5/11/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft			32 to 36 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	50		#	12	U		13	U		4	J	#	15	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	1	J	#	6.2	U		6.7	U		6.6	U		7.6	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	5.4	U		6.2	U		6.7	U		0.51	J	#	3.2	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	8.2	J	~	12	U		13	U		13	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	110	R		120	R		130	R		130	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	1.5	J	#	6.2	U		6.7	U		6.6	U		3.8	J	#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	11	U		12	U		13	U		13	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	9.2		#	23		#	15		#	29		#	110		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	11	U		12	U		13	U		13	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	5.4	U		6.2	U		6.7	U		6.6	U		7.6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-19-A		RMSB-19-B		RMSB-19-C		RMSB-19-D		RMSB-19-E	
			Sample Name											
			Sample Date	STANDARD - SD	5/12/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft		32 to 36 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	5.4	U	6.2	U	6.7	U	6.6	U	7.6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-19-F			RMSB-19-G			RMSB-20-A			RMSB-20-B			RMSB-20-C		
			Sample Name																
			Sample Date	STANDARD - SD	5/11/2010			5/11/2010			5/11/2010			5/11/2010			5/11/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft			56 to 60 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	17	U		17	U		12	U		11	U		14	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	1.4	J	#	1.4	J	#	6.2	U		5.5	U		0.7	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	17	U		17	U		12	U		11	U		14	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	170	R		170	R		120	R		110	R		140	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	1.4	J	#	2.4	J	#	6.2	U		5.5	U		7	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	17	U		17	U		12	U		11	U		14	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	8.3	U		8.3	U		6.2	U		5.5	U		7	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	37		#	59		#	13		#	1.9	J	#	8.7		#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	17	U		17	U		12	U		11	U		14	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	8.3	U		8.3	U		6.2	U		5.5	U		7	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-19-F		RMSB-19-G		RMSB-20-A		RMSB-20-B		RMSB-20-C	
			Sample Name											
			Sample Date	STANDARD - SD	5/11/2010		5/11/2010		5/11/2010		5/11/2010		5/11/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	8.3	U	8.3	U	6.2	U	5.5	U	7	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	8.3	U	8.3	U	6.2	U	5.5	U	7	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	8.3	U	8.3	U	6.2	U	5.5	U	7	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	8.3	U	8.3	U	6.2	U	5.5	U	7	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	8.3	U	8.3	U	6.2	U	5.5	U	7	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	8.3	U	8.3	U	6.2	U	5.5	U	7	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	8.3	U	8.3	U	6.2	U	5.5	U	7	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	8.3	U	8.3	U	6.2	U	5.5	U	7	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	8.3	U	8.3	U	6.2	U	5.5	U	7	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-20-D			RMSB-20-E			RMSB-20-F			RMSB-21-A			RMSB-21-B		
			Sample Name																
			Sample Date	STANDARD - SD	5/11/2010			5/11/2010			5/11/2010			5/13/2010			5/13/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft			32 to 36 ft			44 to 48 ft			0 to 4 ft			4 to 8 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	13	U		15	U		14	U		12	U		13	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	4.1	J	#	56		#	7.5		#	6.1	U		6.5	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	13	U		15	U		14	U		12	U		13	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	130	R		150	R		140	R		120	R		130	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	1.3	J	#	15		#	2	J	#	6.1	U		6.5	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		2.5	U		2.6	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	13	U		15	U		14	U		12	U		13	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	6.7	U		7.3	U		6.9	U		2.5	U		2.6	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	13		#	110		A	22		#	6.1	U		1.7	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	13	U		15	U		14	U		12	U		13	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.7	U		7.3	U		6.9	U		6.1	U		6.5	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-20-D		RMSB-20-E		RMSB-20-F		RMSB-21-A		RMSB-21-B	
			Sample Name											
			Sample Date	STANDARD - SD	5/11/2010		5/11/2010		5/11/2010		5/13/2010		5/13/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		20 to 24 ft		32 to 36 ft		44 to 48 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	6.7	U	7.3	U	6.9	U	2.5	U	2.6	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.7	U	7.3	U	6.9	U	6.1	U	6.5	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-21-C			RMSB-21-D			RMSB-21-E			RMSB-21-F			RMSB-21-G		
			Sample Name																
			Sample Date	STANDARD - SD	5/13/2010			5/13/2010			5/13/2010			5/13/2010			5/13/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			30 to 36 ft			44 to 48 ft			56 to 60 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	4.8	U		7.5	U		8	U		7.4	U		6	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	4.8	U		7.5	U		8	U		7.4	U		6	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	9.7	U		15	U		6.1	J	#	15	U		12	U	
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	4.8	U		7.5	U		8	U		7.4	U		6	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	4.8	U		7.5	U		8	U		7.4	U		6	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	4.8	U		7.5	U		8	U		7.4	U		6	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	4.8	U		7.5	U		8	U		7.4	U		6	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	0.6	J	#	7.5	U		8	U		0.58	J	#	6	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	9.7	U		15	U		16	U		15	U		12	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	4.8	U		7.5	U		8	U		7.4	U		6	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	4.8	U		7.5	U		8	U		7.4	U		6	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	4.8	U		7.5	U		8	U		7.4	U		6	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	4.8	U		7.5	U		8	U		7.4	U		6	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	4.8	U		7.5	U		8	U		7.4	U		6	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	97	R		150	R		160	R		150	R		120	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	4.8	U		7.5	U		8	U		7.4	U		6	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	4.8	U		7.5	U		8	U		7.4	U		6	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	4.8	U		7.5	U		8	U		7.4	U		6	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	4.8	U		7.5	U		8	U		1.5	J	#	6	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1.9	U		3	U		3.2	U		2.9	U		2.4	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	9.7	U		15	U		16	U		15	U		12	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	4.8	U		7.5	U		8	U		7.4	U		6	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	1.9	U		3	U		3.2	U		2.9	U		2.4	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	4.8	U		7.5	U		8	U		7.4	U		6	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	2	J	#	0.66	J	#	0.86	J	#	0.82	J	#	0.79	J	#
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	9.7	U		15	U		16	U		15	U		12	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	4.8	U		7.5	U		8	U		7.4	U		6	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-21-C		RMSB-21-D		RMSB-21-E		RMSB-21-F		RMSB-21-G	
			Sample Name											
			Sample Date	STANDARD - SD	5/13/2010		5/13/2010		5/13/2010		5/13/2010		5/13/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft		20 to 24 ft		30 to 36 ft		44 to 48 ft		56 to 60 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	4.8	U	7.5	U	8	U	7.4	U	6	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	4.8	U	7.5	U	8	U	7.4	U	6	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	4.8	U	7.5	U	8	U	7.4	U	6	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	4.8	U	7.5	U	8	U	7.4	U	6	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	4.8	U	7.5	U	8	U	7.4	U	6	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	4.8	U	7.5	U	8	U	7.4	U	6	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	4.8	U	7.5	U	8	U	7.4	U	6	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	4.8	U	7.5	U	8	U	7.4	U	6	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	1.9	U	3	U	3.2	U	2.9	U	2.4	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	4.8	U	7.5	U	8	U	7.4	U	6	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	4.8	U	7.5	U	8	U	7.4	U	6	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	4.8	U	7.5	U	8	U	7.4	U	6	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	4.8	U	7.5	U	8	U	7.4	U	6	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	4.8	U	7.5	U	8	U	7.4	U	6	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	4.8	U	7.5	U	8	U	7.4	U	6	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-21-H			RMSB-22-A			RMSB-22-B			RMSB-22-C			RMSB-22-D		
			Sample Name																
			Sample Date	STANDARD - SD	5/13/2010			6/2/2010			6/2/2010			6/2/2010			6/2/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		68 to 72 ft			0 to 4 ft			4 to 8 ft			8 to 12 ft			20 to 24 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
67-64-1	Acetone	VOA-S	ug/Kg	16000	12	U		7.3	J	#	6.1	J	#	5.8	J	#	930	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	6.2	U		7.5	U		6.7	U		6.9	U		1000	UJ	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	6.2	U		7.5	U		6.7	U		0.81	J	#	1600	J	A
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	12	U		15	U		13	U		14	U		2000	R	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
67-66-3	Chloroform	VOA-S	ug/Kg	600	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
71-43-2	Benzene	VOA-S	ug/Kg	30	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	120	R		150	R		130	R		140	R		20000	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	6.2	U		7.5	U		1	J	#	2.8	J	#	2400	J	A
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.5	U		3	U		2.7	U		2.8	U		410	R	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	12	U		15	U		13	U		14	U		2000	R	
108-88-3	Toluene	VOA-S	ug/Kg	12000	6.2	U		7.5	U		6.7	U		6.9	U		1000	UJ	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.5	U		3	U		2.7	U		2.8	U		410	R	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	6.2	U		1600	J	A	620		A	940		A	120000	J	A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	12	U		15	U		13	U		14	U		2000	R	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	6.2	U		7.5	U		6.7	U		6.9	U		1000	R	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-21-H		RMSB-22-A		RMSB-22-B		RMSB-22-C		RMSB-22-D	
			Sample Name											
			Sample Date	STANDARD - SD	5/13/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		68 to 72 ft		0 to 4 ft		4 to 8 ft		8 to 12 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
100-42-5	Styrene	VOA-S	ug/Kg	4000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
75-25-2	Bromoform	VOA-S	ug/Kg	800	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.5	U	3	U	2.7	U	2.8	U	410	R
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	6.2	U	7.5	U	6.7	U	6.9	U	1000	R
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	6.2	U	7.5	U	6.7	U	6.9	U	1000	R

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-22-E			RMSB-22-F			RMSB-22-G			RMSB-23-A			RMSB-23-B		
			Sample Name																
			Sample Date	STANDARD - SD	6/2/2010			6/2/2010			6/2/2010			6/2/2010			6/2/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft			44 to 48 ft			56 to 60 ft			0 to 4 ft			4 to 8 ft		
(Group Code)	**(Group Description)**																		
1-voa-s	**Volatile Organic Compounds**																		
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	7.9	J	#	5.5	J	#	14	U		6.5	J	#	6.1	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	21		#	30		#	18		#	6.6	U		7.3	U	
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U		16	U		14	U		13	U		15	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		160	R		140	R		130	R		150	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	21		#	32		#	37		#	6.6	U		7.3	U	
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		3.1	U		2.8	U		2.7	U		2.9	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		16	U		14	U		13	U		15	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		3.1	U		2.8	U		2.7	U		2.9	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.4	U		7.8	U		7	U		6.6	U		7.3	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	2200		A	3300	J	A	2600		A	95		A	120		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		16	U		14	U		13	U		15	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.4	U		7.8	U		7	U		6.6	U		7.3	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-22-E		RMSB-22-F		RMSB-22-G		RMSB-23-A		RMSB-23-B	
			Sample Name											
			Sample Date	STANDARD - SD	6/2/2010		6/2/2010		6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		32 to 36 ft		44 to 48 ft		56 to 60 ft		0 to 4 ft		4 to 8 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.4	U	7.8	U	7	U	6.6	U	7.3	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.4	U	7.8	U	7	U	6.6	U	7.3	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.4	U	7.8	U	7	U	6.6	U	7.3	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.4	U	7.8	U	7	U	6.6	U	7.3	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	3.1	U	2.8	U	2.7	U	2.9	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	7.8	U	7	U	6.6	U	7.3	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.4	U	7.8	U	7	U	6.6	U	7.3	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.4	U	7.8	U	7	U	6.6	U	7.3	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	7.8	U	7	U	6.6	U	7.3	U

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-23-C			RMSB-23-D			RMSB-23-D-DUP		
			Sample Name								RMSB-023-D		
			Sample Date	STANDARD - SD	6/2/2010			6/2/2010			6/2/2010		
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft			20 to 24 ft			20 to 24 ft		
(Group Code)	**(Group Description)**												
1-voa-s	**Volatile Organic Compounds**												
75-71-8	Dichlorodifluoromethane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
74-87-3	Chloromethane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
75-01-4	Vinyl Chloride	VOA-S	ug/Kg	10	7.4	U		6.7	U		8	U	
74-83-9	Bromomethane	VOA-S	ug/Kg	200	7.4	U		6.7	U		8	U	
75-00-3	Chloroethane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
75-69-4	Trichlorofluoromethane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
75-35-4	1,1-Dichloroethene	VOA-S	ug/Kg	60	7.4	U		6.7	U		8	U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
67-64-1	Acetone	VOA-S	ug/Kg	16000	5.7	J	#	6.4	J	#	13	J	#
75-15-0	Carbon Disulfide	VOA-S	ug/Kg	32000	7.4	U		6.7	U		8	U	
79-20-9	Methyl Acetate	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
75-09-2	Methylene Chloride	VOA-S	ug/Kg	20	7.4	U		6.7	U		8	U	
156-60-5	trans-1,2-Dichloroethene	VOA-S	ug/Kg	700	7.4	U		6.7	U		8	U	
1634-04-4	Methyl tert-Butyl Ether	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
75-34-3	1,1-Dichloroethane	VOA-S	ug/Kg	23000	7.4	U		6.7	U		8	U	
156-59-2	cis-1,2-Dichloroethene	VOA-S	ug/Kg	400	7.4	U		0.95	J	#	6.4	J	#
78-93-3	2-Butanone	VOA-S	ug/Kg	N/A	15	U		13	U		16	U	
74-97-5	Chlorobromomethane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
67-66-3	Chloroform	VOA-S	ug/Kg	600	7.4	U		6.7	U		8	U	
71-55-6	1,1,1-Trichloroethane	VOA-S	ug/Kg	2000	7.4	U		6.7	U		8	U	
110-82-7	Cyclohexane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
56-23-5	Carbon Tetrachloride	VOA-S	ug/Kg	70	7.4	U		6.7	U		8	U	
71-43-2	Benzene	VOA-S	ug/Kg	30	7.4	U		6.7	U		8	U	
107-06-2	1,2-Dichloroethane	VOA-S	ug/Kg	20	7.4	U		6.7	U		8	U	
123-91-1	1,4-Dioxane	VOA-S	ug/Kg	N/A	150	R		130	R		160	R	
79-01-6	Trichloroethene	VOA-S	ug/Kg	60	0.92	J	#	1	J	#	11		#
108-87-2	Metylcyclohexane	VOA-S	ug/Kg	N/A	7.4	U		6.7	U		8	U	
78-87-5	1,2-Dichloropropane	VOA-S	ug/Kg	30	7.4	U		6.7	U		8	U	
75-27-4	Bromodichloromethane	VOA-S	ug/Kg	600	7.4	U		6.7	U		8	U	
10061-01-5	cis-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.7	U		3.2	U	
108-10-1	4-Methyl-2-pentanone	VOA-S	ug/Kg	N/A	15	U		13	U		16	U	
108-88-3	Toluene	VOA-S	ug/Kg	12000	7.4	U		6.7	U		8	U	
10061-02-6	trans-1,3-Dichloropropene	VOA-S	ug/Kg	N/A	2.9	U		2.7	U		3.2	U	
79-00-5	1,1,2-Trichloroethane	VOA-S	ug/Kg	20	7.4	U		6.7	U		8	U	
127-18-4	Tetrachloroethene	VOA-S	ug/Kg	60	180		A	85		A	710		A
591-78-6	2-Hexanone	VOA-S	ug/Kg	N/A	15	U		13	U		16	U	
124-48-1	Dibromochloromethane	VOA-S	ug/Kg	400	7.4	U		6.7	U		8	U	

CIDRA GROUNDWATER CONTAMINATION SITE
CIDRA, PUERTO RICO
RAMALLO SOIL BORINGS-VOLATILE ORGANIC COMPOUND EXCEEDANCES

			Sample Code	EPA-SSLs	RMSB-23-C		RMSB-23-D		RMSB-23-D-DUP	
			Sample Name						RMSB-023-D	
			Sample Date	STANDARD - SD	6/2/2010		6/2/2010		6/2/2010	
Cas Rn	Chemical Name	Analytic Method	Unit \\ Depth		8 to 12 ft		20 to 24 ft		20 to 24 ft	
106-93-4	1,2-Dibromoethane	VOA-S	ug/Kg	N/A	7.4	U	6.7	U	8	U
108-90-7	Chlorobenzene	VOA-S	ug/Kg	1000	7.4	U	6.7	U	8	U
100-41-4	Ethylbenzene	VOA-S	ug/Kg	13000	7.4	U	6.7	U	8	U
95-47-6	o-Xylene	VOA-S	ug/Kg	190000	7.4	U	6.7	U	8	U
179601-23-1	m,p-Xylene	VOA-S	ug/Kg	N/A	7.4	U	6.7	U	8	U
100-42-5	Styrene	VOA-S	ug/Kg	4000	7.4	U	6.7	U	8	U
75-25-2	Bromoform	VOA-S	ug/Kg	800	7.4	U	6.7	U	8	U
98-82-8	Isopropylbenzene	VOA-S	ug/Kg	N/A	7.4	U	6.7	U	8	U
79-34-5	1,1,2,2-Tetrachloroethane	VOA-S	ug/Kg	3	2.9	U	2.7	U	3.2	U
541-73-1	1,3-Dichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	6.7	U	8	U
106-46-7	1,4-Dichlorobenzene	VOA-S	ug/Kg	2000	7.4	U	6.7	U	8	U
95-50-1	1,2-Dichlorobenzene	VOA-S	ug/Kg	17000	7.4	U	6.7	U	8	U
96-12-8	1,2-Dibromo-3-chloropropane	VOA-S	ug/Kg	N/A	7.4	U	6.7	U	8	U
120-82-1	1,2,4-Trichlorobenzene	VOA-S	ug/Kg	5000	7.4	U	6.7	U	8	U
87-61-6	1,2,3-Trichlorobenzene	VOA-S	ug/Kg	N/A	7.4	U	6.7	U	8	U

Appendix E

Data Assessment Stage 2

CDM

Data Quality Assessment Summary

CDM Federal Programs Corporation (CDM) performed field activities during the Stage 2 remedial investigation (RI) sampling activities at the Cidra Groundwater Contamination Site (the Site) between April 23, 2010 and July 2010.

The purpose of this assessment is to evaluate the usability of the data collected and to determine whether they meet the quality objectives and user requirements outlined in the CDM Final Quality Assurance Project Plan (Final QAPP) (CDM 2007) and the Final QAPP Addendum dated March 18, 2010 (CDM 2010).

1.0 Sampling Summary

The existing supply wells were sampled in July 2007, soil boring samples were collected in November 2007, packer samples in June 2008, and groundwater samples in January 2009. These sampling efforts constituted the first phase of the project, Stage 1. Stage 2 consisted of a refined investigation using the results of Stage 1 and consisted of:

- Weathered bedrock monitoring
- Well installation
- Soil borings
- Groundwater sampling

All procedures outlined in the Final QAPP and QAPP Addendum were followed except for the changes documented by the field change requests (FCRs) generated for this project. The changes are summarized under Section 4 of this report. The field changes did not affect usability of the data.

2.0 Project Objectives

The objectives of the Stage 2 sampling activities were to:

- Further define area, depth, and extent of contamination in the groundwater
- Identify plume boundaries in the weathered bedrock zone
- Further define the distribution of volatile organic compounds (VOCs) in soils around the Stage 1 defined potential source areas
- Determine which potential source area may be related to the chlorinated VOC plume and contamination in the Cidra supply wells

Data quality objectives (DQOs) are outlined on worksheets # 12 and 28 of the Final QAPP and QAPP Addendum. They were established to generate data of sufficient quality and quantity to achieve the above project objectives. Measurement criteria were also established for data quality indicators (DQI) (precision, accuracy, representativeness, comparability, and completeness) as a mechanism for on-going control and a means of evaluating and measuring data quality throughout the project.

3.0 Usability Summary

The intended uses of the Stage 2 data collected during this reporting period were to provide additional information about the potential source of groundwater contamination and contaminant distribution in the bedrock aquifer. All samples were analyzed using approved analytical methods and method detection limits (MDLs) appropriate for the data uses described above.

In general, the majority of the data is usable for project decisions. Currently, 316 sample results, or 1.7 percent of the entire data set, have been rejected due to poor 1,4-dioxane response and high moisture content in one sample. The rejected results are not usable for project decisions.

A list of samples analyzed during this sampling event is provided in Table 1. A list of qualifier definitions is provided in Section 8. Sample results qualified as estimated with a "J" or "UJ" are considered usable for the project purposes, but should be used with caution. Sample results that have been rejected "R" are not usable for project purposes. [*The validation reports and case narratives for this report are included for review purposes only.]*

4.0 Summary of Field Activities

CDM completed Stage 2 sampling activities in accordance with the Environmental Protection Agency (EPA) approved Final QAPP and QAPP Addendum. A summary of the data collected is presented in Table 1. Samples were collected and shipped to the EPA Contract Laboratory Program (CLP) laboratories, and the Division of Environmental Science and Assessment (DESA), and CDM subcontract laboratory for analysis as specified on Table 2. The Final QAPP and QAPP Addendum defined the procedures to be followed and the data quality requirements for the field program.

Several FCRs documenting changes to the field program outlined in the Final QAPP were implemented during the Stage 1 investigation. FCRs-2 through 8 were not utilized during Stage 2; only FCR-1 was used during Stage 2:

- FCR-1 dated November 9, 2007 - a high density polyethylene (HDPE) syringe type device was used to collect soil samples for Target Compound List (TCL) VOCs analysis.

Data quality was improved by decreasing the disturbance of soil and minimizing VOC loss, increasing sampling efficiency and speed and decreasing cross-contamination.

Two other changes were implemented during Stage 2 and were documented in letters to EPA:

- SMW-11 (upgradient well) was not drilled in the saprolite since no water was encountered after four attempts.

- MPW-6 multiport well was damaged and not replaced with a multiport well. A single screen well was installed across the primary fracture zone in this borehole.

The impact of these changes will be discussed in the RI report.

To assess the quality of the field data matrix spike/laboratory duplicate (MS/D), field duplicates, and field QC samples were collected as described in the Final QAPP and QAPP Addendum except that the numbers of field blanks were reduced as described below. MS/Ds were collected at a minimum frequency of 5 percent (1 out of every 20 samples) for the wet chemistry analyses as required. VOCs did not require matrix spike/matrix spike duplicates (MS/MSDs) as per EPA Region 2 requirement.

Field equipment rinsate blanks after soil decontamination events were not required because all of the equipment was disposable. As a result, there were no decontamination events for sampling equipment. One field blank was collected on 4/23/2010 as a QC check on the disposable equipment. It was collected at the commencement of soil sampling activities by pouring demonstrated analyte-free water over a clean, HDPE syringe and through the sample acetate liner into the sample collection bottles. The associated soil field blank was analyzed for TCL VOCs as were the soil samples. Some field blanks were collected for wells sampled with pumps. Five field blanks were collected for the groundwater samples associated with each decontamination event for the monitoring well sampling. Trip blanks were submitted with each cooler containing water samples for VOC analysis.

Samples were given CDM identification (ID) numbers, but were submitted to the laboratories using an assigned CLP sample number. Field duplicate samples (blind duplicate samples submitted to the laboratories for confirmation analysis) were given a different CLP number than the original sample. After analytical results were received from the laboratory, samples were renamed to their CDM identification number; duplicates were given the same identification number as the original sample but with a "DUP" added to signify the sample was a field duplicate.

5.0 Field Quality Assurance/ Quality Control (QA/QC)

Field quality assurance/quality control (QA/QC) objectives were accomplished through the use of the appropriate and QAPP-approved sampling techniques and collection of field duplicates and blanks. Analytical QA/QC was assessed by internal QC checks, MS/Ds, method blanks, storage blanks, deuterated monitoring compounds (surrogate spikes), sample custody tracking, sample preservation, holding times adherence, calibration checks, and laboratory control samples (LCSs).

5.1 Methods

For the Stage 2 soil and groundwater events, samples were analyzed using the methods shown on Table 2; no deviations from the methods listed on QAPP worksheet 30 were noted. Note that the EPA DESA laboratory used the methods specified in the QAPP or equivalent. The VOC analysis required modification to achieve the required project quantitation limit goal (PQLG) of 3 µg/kg and 4 µg/kg, respectively, for 1,1,2,2-tetrachloroethane and 1,3-dichloropropene. The EPA's Regional Sample Control Center procured a CLP laboratory that could achieve the modified CRQLs listed in the table below. These changes allowed the project goals for sensitivity to be achieved.

Table showing Modified Analyses CRQLs Proposed by EPA		
Compound	**CAS Number**	**Soil CRQL (µg/kg)**
1,1,2,2-Tetrachloroethane	79-34-5	2.0
cis-1,3-Dichloropropene	10061-01-5	2.0
trans-1,3-Dichloropropene	10061-02-6	2.0

The VOC data were validated by EPA according to EPA Region 2 Standard Operating Procedures (SOPs) HW-33 for low level VOC, HW-34 for trace level VOC, and HW-2 for metals. In addition, wet chemistry parameters were validated using EPA DESA review requirements. TOC data was validated by CDM using CDM validation SOP 029A, Revision 0.

6.0 Data Quality Indicators

Precision, accuracy, representativeness, comparability, and completeness are used as indicators of data quality and are named DQIs. These DQIs provide a mechanism for evaluating and measuring data quality throughout the project. Achievement of the project's quality objectives were measured from the DQI results assessed against their measurement performance criteria. Worksheets #12 and 28 of the Final QAPP (April 2007) outline the measurement performance criteria. These criteria are defined and their results discussed in the subsections below.

6.1 Accuracy

Accuracy is a measurement of agreement for a given measurement against an accepted reference value. It is typically assessed through the analysis of matrix spike and calibration check samples, and expressed as a percent recovery.

Accuracy for the entire data collection activity is difficult to assess because several sources of error exist. Errors can be introduced by any of the following:

- Sampling procedure
- Field contamination
- Sample preservation and handling
- Sample matrix
- Sample preparation
- Analytical techniques

Accuracy for sampling was maximized through strict adherence to field sampling SOPs, the approved Final QAPP and QAPP Addendum, and the use of EPA approved methods for sample analyses. By following approved procedures, sampling events are expected to provide results that are representative of environmental conditions at the time of sampling. One deviation from these procedures involved the use of an HDPE syringe type device for collection of the soil samples as discussed in Section 4. This improved the representativeness of the results.

Holding Time and Sample Receipt - The technical holding times for many of the pH analysis exceeded the 24 hour holding time and a few nitrate results (MWP-4-P1-S2, MWP-4-P4-S2, AM03467 and AM03468) exceeded the 48 hour holding time. Methane results in two samples

MWP-1-P1-S2, and SMW-01-S2 had air bubbles in the vials. Although the pH data is used to evaluate site contaminant transport and not used directly for site decisions, they should be considered as estimated, "J". The nitrate and methane results were qualified as estimated "J" and should be used cautiously. All other holding times were met and samples were all received in good condition.

Spike Recoveries - EPA validators reviewed the inorganic spikes, as applicable. The pH and TOC data were not validated; the QC summaries in the pH and TOC data packages were reviewed in writing this report. Three preparation batches had TOC MS and/or MSD recoveries above the QC criteria. No action was taken on the MS and MSD results, however, the LCS results were within the required limits. Methane result in MWP-5-P1-S2 was qualified as biased high "K" and biased low "L" in SMW-010-S2 due to matrix spike results outside the QC criteria. All other LCS and MS or MSD results met the metals and wet chemistry QC criteria.

Surrogate Recoveries – Several surrogate deuterated monitoring compounds (DMCs) exceeded QC criteria. This affected 465 VOC results which were estimated "J" by the data validator; no rejections were required. Of this total, 132 were for lower CRQL selective ion monitoring (SIM) level results reflecting a duplication of the VOC compounds estimated.

Calibration Recoveries – Metal calibration standards and organic instrument calibration and calibration checks were performed in accordance with applicable analytical methods. Results met criteria except for the following outliers. Most of the 1,4-dioxane results were rejected (97%) due to poor response (low relative response factor), exceedance of the relative standard deviation of the initial calibration runs, or percent difference criteria of the continuing calibration standards. Outlying calibration standard recoveries also resulted in estimation of cis,1,3-dichloropropene, 1,2,4-trichlorobenzene, vinyl chloride, trichloroethene (TCE), and bromoform. Fifty soil VOC results in case 40039 and 52 VOC results in case 40022 and 40369 were affected and estimated. The remaining 80 affected results were 1,4-dioxane all of which were rejected.

Internal Standards - internal standard areas and retention times met the QC criteria.

Interference Check Standard (Inorganics) – All results met the criteria for this standard.

Serial Dilution – All results met the criteria for this inorganic standard.

6.2 Precision

Precision is a quantitative term that estimates the reproducibility of a set of replicate measurements under a given set of conditions. It is defined as a measurement of mutual agreement between measurements of the same property, and is expressed in terms of relative percent difference (RPD) between duplicate determinations.

RPD is calculated as follows:

RPD = absolute value [(C1-C2)/{(C1+C2)/2)}] x 100

Where: C1 = Concentration of sample #1
C2 = Concentration of sample #2

Field duplicate samples were collected in the same manner as the original samples but were collected in separate containers, given separate sample identifiers and treated as unique samples by the laboratory.

Tables 4a through 4d show the field duplicate data results. RPDs were not calculated when both values were not detected. The absolute difference was calculated when one result was not detected or when one or both results were reported below or equal to five times the reporting limit. An RPD of less than or equal to 50 percent or an absolute difference less than five times the CRQL or reporting limit indicates good precision for field duplicate water samples and an RPD of less than or equal to 100 percent indicates good precision for soil samples (Final QAPP, CDM 2007).

Analytical precision was based on the analytical requirements. Outliers are described in the EPA data validation reports and summarized below.

Analytical Data Precision

The analytical precision for the reported data was determined by review of MS/MSD and laboratory duplicate results. The majority of the data met the requirements; one TOC result failed the 20 percent RPD criteria in batch 1005143WC. The TOC result associated with this batch required estimation but no action was taken since the TOC LCS results met the required QC criteria. No other laboratory duplicate or MS/MSD outliers were noted in the validation reports.

Field Data Precision

Field precision was determined from the field duplicate samples. For detected results, the RPD must be equal to or less than 50 percent for groundwater, or less than 100 percent for soils. For results not detected in either sample or duplicate, or where the results are below the CRQL then the ABS must be less than or equal to five times the CRQL. As shown on Tables 4a through 4d, most field duplicate results met the Final QAPP project-specific precision criteria.

Of the 16 soil field duplicate pairs, six pairs had at least one outlier results. The following parent/field duplicate pairs did not meet RPD or ABS criteria or require further examination:

SOIL FIELD DUPLICATE PAIRS (Table 4a).

- Parent Sample IDCSB-08-D and Duplicate Sample IDCSB-008-D
    - VOCs: cis-1,2-dichloroethene RPD 108.6% [trans-1,2-dichloroethene (1,2-DCE) RPD 109.4%, failed the RPD criterion, however, the results were below the RPD calculation threshold. The ABS result met criteria.]
- Parent Sample CCSB-12-C and Duplicate Sample CCSB-012-C
    - VOCs: Toluene ABS of 61.8

- Parent Sample CCSB-14-C and Duplicate Sample CCSB-014-C
    - VOCs: Toluene ABS of 41.9
- Parent Sample RMSB-12-C and Duplicate Sample RMSB-012-C
    - VOCs: Tetrachloroethene (PCE) RPD of 105.3. (Chloromethane, acetone, cis-1,2-DCE, trichloroethene (TCE) and toluene met criteria when higher CRQL is used but high dilution of duplicate samples masked some hits detected in the undiluted parent samples and resulted in large discrepancies between the result pair)
- Parent Sample RMSB-18-C and Duplicate Sample RMSB-018-C
    - VOCs: 1,1-DCE ABS of 113.1, carbon disulfide RPD of 152.5%, trans-1,2-DCE ABS of 85.1, 1,1-dichloroethane (DCA) RPD of 118.6%, TCE RPD of 192.9%, toluene RPD of 162.8%, o-xylene ABS of 27.4 and m/p-xylene ABS of 61.8. 2-[butanone (RPD of 116.9%) failed the RPD criterion, however, the results were below the RPD calculation threshold. The ABS result met criteria.]
- Parent Sample RMSB-23-D and Duplicate Sample RMSB-023-D
    - VOCs: PCE RPD of 157.2%

<u>AQUEOUS FIELD DUPLICATE PAIRS</u>

- Parent Sample IVAX-2-S2 and Duplicate Sample IVAX-02-S2
    - VOCs: 1,1-DCE RPD of 157.2% groundwater (Table 4b).
- Parent Sample SMW010-S2 and Duplicate Sample SMW010-S2 [groundwater] (Table 4c)

  Metals: Antimony RPD of 82.9% and iron ABS of 251

  Gases: Methane RPD of 52.3%

The above outliers failed either the RPD or ABS criteria. The organic data validation reports did not include the field duplicate evaluation, however, many of the field duplicate analyte outliers were already flagged as estimated "J" or were non-detects. Although the DESA or EPA validators did not evaluate the metals or the organic compounds field duplicate results, the following results should also be considered estimated values: VOC field duplicate RPD or ABS outliers in IDC-SB-08-D (cis 1,2-DCE); CC-SB-12-C and CC-SB-14C (toluene); RMSB-12-C and RMSB-23-D (PCE); and RMSB-18-C (1,1-DCE, trans 1,2-DCE, carbon disulfide, 1,1-DCA, TCE, toluene, o-xylene and m/p-xylene).

For the field screening ferrous iron results, three duplicate analyses were performed. The field duplicate results (RPD of 50 percent and ABS less than or equal to five times the QL (0.03 milligram (mg)/L) were within the QAPP criteria.

The field duplicate results indicate that field precision criteria were generally met. Of the results pairs evaluated, the outliers were: 15 out of 416 soil VOC results; two out of 216 groundwater VOC results; two out of 92 groundwater metals results; and one out of the 68 groundwater wet chemistry result pairs. These outliers represent approximately three percent of the field duplicate data. For 97 percent of the data, there is no adverse impact to the usability for the intended purposes. The three percent failing the field duplicate criteria should be used cautiously.

6.3 Blank Contamination

Tables 5a and 5b show the contaminants detected in the field rinsate blanks (field blanks) and trip blanks. Field blanks are used to evaluate the presence of contaminants on sampling equipment following decontamination and the potential for cross contamination during sample collection. Trip blanks are used to detect cross-contamination of VOCs during shipment. Laboratory method and storage blanks are analyzed to indicate possible contamination introduced by sample handling, preparation, and/or analysis at the laboratory.

Similar concentrations of methylene chloride, toluene and xylenes were detected in the trip and field blanks discussed below. As noted previously, only one field rinsate blank was collected with the soil samples but field rinsate blanks and trip blanks were collected with the groundwater samples (July 2010 event); no other water blanks were collected.

Field Blanks

Chloromethane (0.11µg/L), acetone (1.8 – 3.7 µg/L), carbon disulfide (0.094 µg/L), methylene chloride (0.31 µg/L), trans-1,2-dichloroethene (0.15 µg/L), chloroform (0.071 – 0.074 µg/L), benzene (0.21 - 0.23 µg/L), cyclohexane (0.11 µg/L), toluene (0.19 – 0.25 µg/L), ethylbenzene (0.075 – 0.18 µg/L), and xylenes (0.046 - 0.3 µg/L) were detected below their CRQLs in the field blanks associated with the groundwater samples (Table 5a). Four of these VOCs (methylene chloride, chloroform, toluene, and m/p-xylenes) were also detected up to nine times above the respective CRQLs.

Although the field blanks associated with soil samples are not discussed in the data validation reports, samples were qualified by the EPA data validators for levels of contaminants in the method and storage blanks that are similar to the analyte levels found in the soil field blanks. Positive groundwater sample results in case 40369 were qualified "U" when field blanks had detections within the appropriate action levels. In addition, the field blank data show no significant contamination issues.

No inorganic contamination was detected in the field blanks associated with the groundwater samples (Table 5c).

Trip Blanks
Methylene chloride and toluene were detected in all the trip blanks. Other VOCs were detected in one to four trip blanks below and up to ten times the CRQL of 0.5 micrograms per liter (µg/L).

Chloromethane (0.074 – 0.13 µg/L), 1,1-dichloroethene (0.092 µg/L), 1,1,2-trichloro-1,2,2-trifluoroethane (0.17 µg/L), acetone (1.5 – 3 µg/L), methylene chloride (3 – 5.6 µg/L), trans-1,2-dichloroethene (0.11 µg/L), 1,1-dichloroethane (0.068 µg/L), cis-1,2-dichloroethene (0.064 µg/L), chloroform (0.097 – 0.19 µg/L), benzene (0.15 - 0.25 µg/L), trichloroethene (0.067 µg/L), toluene (0.2 – 1.4 µg/L), ethylbenzene (0.17 µg/L), xylenes (0.24 - 0.79 µg/L) and PCE (0.074 µg/L), were detected below their CRQLs in the trip blanks associated with the groundwater samples (Table 5b). Three of these VOCs (methylene chloride, toluene, and m/p-xylenes) were also detected up to ten times above the respective CRQLs.

The data validator qualified the associated data "U" as required by the validation guidance.

Laboratory Blanks
VOCs methylene chloride, toluene, acetone and tetrachloroethene were detected in the storage and or method blanks requiring qualification as non-detect "U" in the associated samples when results fall below the blank criteria for that compound. Several sample results were qualified as non-detect "U" due to these blank detections.

6.4 Representativeness and Comparability

Representativeness and comparability are achieved by using EPA approved sampling procedures and analytical methodologies. By following approved Final QAPP procedures for sample collection, sampling events should yield results representative of environmental conditions at the time of sampling. Similarly, reasonable comparability of analytical results for this and future sampling events can be achieved if the approved EPA analytical methods and standardized reporting units are employed.

6.4.1 Representativeness

Representativeness is a qualitative term that expresses the degree to which the sample data accurately and precisely represent the environmental conditions corresponding to the location and depth interval of sample collection. The sampling scheme, requirements and procedures for sampling were designed to maximize sample representativeness. Representativeness also can be monitored by reviewing field documentation and by performing field audits. Appropriate laboratory QA/QC requirements were described in the Final QAPP and QAPP Addendumand laboratory statements of work (SOWs) to ensure that the laboratory analytical results were representative of true field conditions.

Sample representativeness was achieved by CDM through the use of EPA analytical methods, decontaminated sampling equipment, the use of inert materials to collect samples, clean sample gloves, and standard sampling procedures for EPA Region 2. Samples were kept at 4°C and received intact at the laboratories with the exceptions noted in the data validation reports. The generally low concentrations of blank contaminants as discussed above are an indication that sample results are representative of the site conditions.

6.4.2 Comparability

Comparability is a qualitative term that expresses the confidence with which a data set can be compared with another. Strict adherence to standard sample collection procedures, analytical detection limits, and analytical methods assures that data from like samples and sample conditions are comparable. This comparability is independent of laboratory personnel, data reviewers, or sampling personnel. Comparability criteria are met for the project if, based on data review, the sample collection and analytical procedures are determined to have been followed or that variations in procedures did not affect the values reported.

To ensure comparability of data generated for the site, standard sample collection procedures and EPA-approved analytical methods were utilized by CDM. The sample analyses were performed by EPA, DESA, and the subcontract laboratories using defined, standard methods. Utilizing such procedures and methods enables the current data to be comparable with the previous data sets generated with similar methods. All aqueous samples were reported in µg/L or mg/L, and soil samples were reported in µg/kilogram (kg) or mg/kg.

Detection limits were low enough to compare the data with applicable criteria except for the compounds listed on Table 6. The compounds listed in this table were identified in the July 2007 Final QAPP as requiring lower quantitation levels to achieve the project action limits (PALs) listed on QAPP worksheet #15. The PALs and PQLGs listed in the QAPP were for the purpose of ensuring that contaminants of interest meet the lowest available method reporting limits. Efforts to achieve lower limits for these compounds were pursued; a modified analysis was obtained from EPA for the soil organics 1,3-dichloropropene and PCE, and the ICP-MS technique was requested to achieve the groundwater metal PALs antimony, arsenic, beryllium, cadmium, selenium and thallium.

For the soil samples, although the method CRQLs provide adequate limits, some sample reporting limits (SRL) for 1,2-dichloropropane, vinyl chloride and benzene were above the CRQLs. However, the SRLs were below the PALs, so the data are fully usable.

The groundwater SRLs exceeded the method CRQLs and PQLGs for arsenic, beryllium, cadmium and selenium. However, the SRLs were still below the PALs, so this data is fully usable.

All non-detected reporting limits for the compounds mentioned above are fully usable since they are below the PALs. All other detection limits were at or below the PQLG to allow characterization of contamination at the site and to determine if compounds exceed the screening criteria. The data user is cautioned to re-evaluate the sample reporting limits against the final approved remedial RI criteria, risk assessment criteria, and any other criteria established for use of the data.

6.5 Data Completeness

Completeness of the field program is defined as the percentage of samples planned for collection as listed in the Final QAPP versus the actual samples collected during the field program (See equation A).

Completeness for acceptable data is defined as the percentage of acceptable data obtained judged to be valid versus the total quantity of data generated (See equation B). Acceptable data includes both data that passes all the QC criteria (unqualified data) and data that may not pass all the QC criteria but had appropriate corrective actions taken (qualified but usable data).

A. $\% \text{ Completeness} = C \times \frac{100}{n}$

where,

C= actual number of samples collected
n = total number of samples planned

B. $\% \text{ Completeness} = V \times \frac{100}{n'}$

where,
V= number of measurements judged valid
n′ = total number of measurements made

Completeness of the data set achieved by CDM is presented in Tables 7a and 7b. The list of samples collected and parameters analyzed are shown on Table 1 of this assessment. The overall goal was to generate a complete data set for at least 90 percent of the samples planned for collection and 90 percent valid data from the samples analyzed.

The data validation narratives detail the sample analyses that failed the QC criteria cited in the validation SOPs. Results associated with QC outliers were appropriately qualified as estimated or as non-detect by data validators.

Of the VOC data collected, 2.2 percent of the soil boring VOC sample results were rejected and 1.7 percent of the overall sample results were rejected. Rejections were due to poor performance of 1,4-dioxane in the method and high percent moisture in sample RMSB-22-D resulting in rejection of the non-detects. Ninety-eight percent of the data collected was judged valid and usable. This met the objective of 90 percent usable data. However, it should be noted that the sample collected from the Ramallo area, RMSB-22-D, and the 1,4-dioxane results overall were impacted by rejections. The project team, in consultation with EPA, will determine whether this sample needs to be re-collected or if sufficient data is available to achieve the project objectives.

Although, samples IDCSB-02 and IDCSB-05 located at the International Dry Cleaner area and sample CCSB-07 located at CCLabel were not collected due to lack of recovery, approximately 99 percent of the planned samples were collected. The 90 percent objective was achieved.

7.0 Summary Assessment of Data Usability and Reconciliation with QAPP Goals

Sample results evaluated in this assessment will be used for the objectives stated in Section 2 of this report.

Most of the 1,4-dioxane results were rejected for poor response factors; and most of the results for sample RMSB-22-D (Table 7b) were rejected due to high moisture level; these results are

therefore not usable. Ninety-eight percent of the RI/FS data are suitable for their intended use as stated in the previous section. The remaining two percent should not be used for project decisions. The ninety percent completeness goal for usable data has been met. The data user should evaluate the data completeness section above to determine what data gaps exist due to rejected data or data which was unable to be collected.

Some sample reporting limits were elevated but the PALs defined in the QAPP were achieved.

DQO goals for completeness, comparability, and representativeness established during project planning were mainly achieved. Data failing QC criteria were appropriately qualified as estimated, non-detect, or rejected during data validation. All data reported herein are usable as reported with the data validation qualifiers added except for rejected data, which should not be used for project decisions.

8. Data Validation Qualifiers

The following qualifiers are used with the reported data.

Organic Qualifiers:

U	-	Compound was analyzed for but not detected. The associated numerical value is the sample quantitation.
J	-	Estimated data due to exceeded quality control criteria.
UJ	-	Estimated non-detect data due to exceeded quality control criteria.
N	-	Presumptive evidence of a compound.

Inorganic Qualifiers:

U	-	Analyte was analyzed for but not detected.
J	-	Estimated data due to exceeded quality control criteria.
K	-	The identification of the analyte is acceptable; the reported value may be biased high.
L	-	The identification of the analyte is acceptable; the reported value may be biased low.
M	-	Duplicate injection precision not met.
NJ	-	Tentatively identified compound. The reported value is an estimate.

Acronyms

ABS	absolute difference
CDM	CDM Federal Programs Corporation
CLP	Contract Laboratory Program
CRQL	contact required quantitation limit
D	laboratory duplicate
DESA	Division of Environmental Science and Assessment
DMC	deuterated monitoring compound
DQA	data quality assessment
DQI	data quality indicator
DQO	data quality objective
DUP	duplicate
DV	data validation
EPA	(United States) Environmental Protection Agency
FCR	field change request
HDPE	high density polyethylene
ICP-AES	inductively coupled plasma – atomic emission spectrometer
ICP-MS	inductively coupled plasma - mass spectrometer
ID	identification
L	liter
LCS	laboratory control sample
MDL	method detection limit
mg	milligram
µg	microgram
MS	matrix spike
NA	not applicable
NC	not calculable
NR	not reported
PAL	project action limit
PCB	polychlorinated biphenyl
PQLG	project quantitation limit goal
QA/QC	quality assurance/quality control
QAPP	quality assurance project plan
RI	remedial investigation
RPD	relative percent difference
SIM	selective ion monitoring
SOP	standard operating procedure
SOW	statement of work
SVOC	semi volatile organic compound
TAL	target analyte list
TCL	target compound list
TDS	total dissolved solids
TOC	total organic carbon
TSS	total suspended solids
VOC	volatile organic compound
%R	percent recovery

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Table 1
Sample Summary

[Soil Borings and Groundwater Samples]

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
CCSB-11-A		Soil	4/23/10																		52	
CCSB-11-B		Soil	4/23/10											1	1						52	
CCSB-11-C		Soil	4/23/10																		52	
CCSB-11-D		Soil	4/23/10											1	1						52	
CCSB-11-F		Soil	4/23/10																		52	
CCSB-11-G		Soil	4/23/10																		52	
CCSB-12-A		Soil	4/23/10																		52	
CCSB-12-B		Soil	4/23/10																		52	
CCSB-12-C		Soil	4/23/10											1	1						52	
CCSB-12-C-DUP	CCSB-012-C	Soil	4/23/10																		52	
CCSB-12-D		Soil	4/23/10																		52	
CCSB-12-E		Soil	4/23/10																		52	
CCSB-12-F		Soil	4/23/10											1	1						52	
FB-042310		FB	4/23/10																	2		51
CCSB-13-A		Soil	4/26/10																		52	
CCSB-13-B		Soil	4/26/10											1	1						52	
CCSB-13-C		Soil	4/26/10																		52	
CCSB-13-D		Soil	4/26/10																		52	
CCSB-13-E		Soil	4/26/10																		52	
CCSB-13-F		Soil	4/26/10											1	1						52	
CCSB-14-A		Soil	4/26/10																		52	
CCSB-14-B		Soil	4/26/10																		52	
CCSB-14-C		Soil	4/26/10											1	1						52	
CCSB-14-C-DUP	CCSB-014-C	Soil	4/26/10																		52	
CCSB-14-D		Soil	4/26/10																		52	
CCSB-14-E		Soil	4/26/10																		52	
CCSB-14-F		Soil	4/26/10											1	1						52	
CCSB-14-G		Soil	4/26/10																		52	
CCSB-15-A		Soil	4/27/10																		52	
CCSB-15-B		Soil	4/27/10											1	1						52	
CCSB-15-C		Soil	4/27/10																		52	
CCSB-15-D		Soil	4/27/10																		52	
CCSB-15-E		Soil	4/27/10																		52	
CCSB-15-F		Soil	4/27/10											1	1						52	
CCSB-15-G		Soil	4/27/10																		52	
CCSB-15-H		Soil	4/27/10																		52	
CCSB-16-A		Soil	4/27/10																		52	
CCSB-16-B		Soil	4/27/10											1	1						52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
CCSB-16-C		Soil	4/27/10																		52	
CCSB-16-C-DUP	CCSB-016-C	Soil	4/27/10																		52	
CCSB-16-D		Soil	4/27/10																		52	
CCSB-16-E		Soil	4/27/10																		52	
CCSB-16-F		Soil	4/27/10											1	1						52	
CCSB-16-G		Soil	4/27/10																		52	
CCSB-16-H		Soil	4/27/10																		51	
CCSB-17-A		Soil	4/28/10																		52	
CCSB-17-B		Soil	4/28/10											1	1						52	
CCSB-17-C		Soil	4/28/10																		52	
CCSB-17-D		Soil	4/28/10																		52	
CCSB-17-E		Soil	4/28/10											1	1						52	
CCSB-17-F		Soil	4/28/10																		52	
CCSB-17-G		Soil	4/28/10																		52	
CCSB-17-H		Soil	4/28/10																		52	
CCSB-18-A		Soil	4/28/10																		52	
CCSB-18-B		Soil	4/28/10											1	1						52	
CCSB-18-C		Soil	4/28/10																		52	
CCSB-18-D		Soil	4/28/10											1	1						52	
CCSB-18-D-DUP	CCSB-018D													1	1							
CCSB-18-E		Soil	4/28/10																		52	
CCSB-18-F		Soil	4/28/10																		52	
CCSB-18-G		Soil	4/28/10																		52	
CCSB-18-H		Soil	4/28/10																		52	
RMSB-11-A		Soil	4/29/10																		52	
RMSB-11-B		Soil	4/29/10																		52	
RMSB-11-C		Soil	4/29/10											1	1						52	
RMSB-11-E		Soil	4/29/10											1	1						52	
RMSB-11-F		Soil	4/29/10																		52	
RMSB-11-G		Soil	4/29/10																		52	
RMSB-11-H		Soil	4/29/10																		52	
RMSB-12-A		Soil	4/30/10																		52	
RMSB-12-B		Soil	4/30/10											1	1						52	
RMSB-12-C		Soil	4/30/10																		52	
RMSB-12-C-DUP	RMSB-012-C	Soil	4/30/10																		52	
RMSB-12-D		Soil	4/30/10																		52	
RMSB-12-E		Soil	4/30/10											1	1						52	
RMSB-12-F		Soil	4/30/10																		52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
RMSB-12-G		Soil	4/30/10																		52	
RMSB-13-A		Soil	4/30/10																		52	
RMSB-13-B		Soil	4/30/10											1	1						52	
RMSB-13-C		Soil	4/30/10																		52	
RMSB-13-D		Soil	4/30/10																		52	
RMSB-13-E		Soil	4/30/10											1	1						52	
RMSB-13-F		Soil	5/3/10																		52	
RMSB-14-A		Soil	5/6/10											1	1						52	
RMSB-14-B		Soil	5/6/10																		52	
RMSB-14-C		Soil	5/6/10																		52	
RMSB-14-C-DUP	RMSB-014-C	Soil	5/6/10																		52	
RMSB-14-D		Soil	5/6/10																		52	
RMSB-14-E		Soil	5/6/10																		52	
RMSB-14-F		Soil	5/6/10											1	1						52	
RMSB-14-G		Soil	5/6/10																		52	
RMSB-14-H		Soil	5/6/10																		52	
RMSB-15-A		Soil	5/6/10											1	1						52	
RMSB-15-B		Soil	5/6/10																		52	
RMSB-15-C		Soil	5/6/10																		52	
RMSB-15-E		Soil	5/6/10																		52	
RMSB-15-F		Soil	5/6/10																		52	
RMSB-15-G		Soil	5/6/10											1	1						52	
RMSB-15-H		Soil	5/6/10																		52	
RMSB-16-A		Soil	5/7/10																		52	
RMSB-16-B		Soil	5/7/10											1	1						52	
RMSB-16-C		Soil	5/7/10																		52	
RMSB-16-D		Soil	5/7/10																		52	
RMSB-16-E		Soil	5/7/10																		52	
RMSB-16-F		Soil	5/7/10											1	1						52	
RMSB-16-G		Soil	5/7/10																		52	
RMSB-16-H		Soil	5/7/10																		52	
RMSB-17-A		Soil	5/7/10											1	1						52	
RMSB-17-B		Soil	5/7/10																		52	
RMSB-17-C		Soil	5/7/10																		52	
RMSB-17-D		Soil	5/7/10																		52	
RMSB-17-E		Soil	5/7/10											1	1						52	
RMSB-18-A		Soil	5/10/10											1	1						52	
RMSB-18-B		Soil	5/10/10																		52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
RMSB-18-C		Soil	5/10/10																		52	
RMSB-18-C-DUP	RMSB-018-C	Soil	5/10/10																		52	
RMSB-18-D		Soil	5/10/10																		52	
RMSB-18-E		Soil	5/10/10																		52	
RMSB-18-F		Soil	5/10/10											1	1						52	
RMSB-18-G		Soil	5/10/10																		52	
RMSB-18-H		Soil	5/10/10																		52	
RMSB-19-B		Soil	5/11/10											1	1						52	
RMSB-19-C		Soil	5/11/10																		52	
RMSB-19-D		Soil	5/11/10																		52	
RMSB-19-E		Soil	5/11/10																		52	
RMSB-19-F		Soil	5/11/10																		52	
RMSB-19-G		Soil	5/11/10											1	1						52	
RMSB-20-A		Soil	5/11/10											1	1						52	
RMSB-20-B		Soil	5/11/10																		52	
RMSB-20-C		Soil	5/11/10																		52	
RMSB-20-D		Soil	5/11/10																		52	
RMSB-20-E		Soil	5/11/10																		52	
RMSB-20-F		Soil	5/11/10											1	1						52	
RMSB-13-G		Soil	5/12/10																		52	
RMSB-19-A		Soil	5/12/10																		52	
DJSB-01-A		Soil	5/13/10																		52	
DJSB-01-B		Soil	5/13/10																		52	
DJSB-01-C		Soil	5/13/10											1	1						52	
DJSB-01-C-DUP	DJSB-001-C	Soil	5/13/10																		52	
RMSB-21-A		Soil	5/13/10																		52	
RMSB-21-B		Soil	5/13/10																		52	
RMSB-21-C		Soil	5/13/10											1	1						52	
RMSB-21-D		Soil	5/13/10																		52	
RMSB-21-E		Soil	5/13/10											1	1						52	
RMSB-21-F		Soil	5/13/10																		52	
RMSB-21-G		Soil	5/13/10																		52	
RMSB-21-H		Soil	5/13/10																		52	
DJSB-02-A		Soil	5/14/10																		52	
DJSB-02-B		Soil	5/14/10																		52	
DJSB-02-C		Soil	5/14/10											1	1						52	
DJSB-02-C-DUP	DJ-SB002-C	Soil	5/14/10																		52	
DJSB-02-D		Soil	5/14/10																		52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
DJSB-02-E		Soil	5/14/10											1	1						52	
DJSB-03-A		Soil	5/14/10																		52	
DJSB-03-B		Soil	5/14/10																		52	
DJSB-03-C		Soil	5/14/10											1	1						52	
DJSB-03-D		Soil	5/17/10																		52	
DJSB-03-E		Soil	5/17/10											1	1						52	
DJSB-03-F		Soil	5/17/10																		52	
DJSB-04-A		Soil	5/18/10																		52	
DJSB-04-B		Soil	5/18/10																		52	
DJSB-04-C		Soil	5/18/10											1	1						52	
DJSB-04-D		Soil	5/18/10																		52	
DJSB-04-E		Soil	5/18/10											1	1						52	
DJSB-05-A		Soil	5/18/10																		52	
DJSB-05-B		Soil	5/18/10																		52	
DJSB-05-C		Soil	5/18/10											1	1						52	
DJSB-05-D		Soil	5/19/10																		52	
DJSB-05-E		Soil	5/19/10											1	1						52	
DJSB-05-F		Soil	5/19/10																		52	
ENSB-01-A		Soil	5/20/10																		52	
ENSB-01-B		Soil	5/20/10																		52	
ENSB-01-C		Soil	5/20/10											1	1						52	
ENSB-01-C-DUP	ENSB-001-C	Soil	5/20/10																		52	
ENSB-01-D		Soil	5/20/10																		52	
ENSB-01-E		Soil	5/24/10											1	1						52	
ENSB-02-A		Soil	5/24/10																		52	
ENSB-02-B		Soil	5/24/10																		52	
ENSB-02-C		Soil	5/24/10											1	1						52	
ENSB-02-C-DUP	ENSB-002-C	Soil	5/24/10																		52	
ENSB-02-D		Soil	5/24/10																		52	
ENSB-02-E		Soil	5/24/10																		52	
ENSB-02-F		Soil	5/24/10											1	1						52	
ENSB-02-G		Soil	5/24/10																		52	
ENSB-03-A		Soil	5/25/10																		52	
ENSB-03-B		Soil	5/25/10																		52	
ENSB-03-C		Soil	5/25/10											1	1						52	
ENSB-03-D		Soil	5/25/10																		52	
ENSB-03-E		Soil	5/25/10																		52	
ENSB-03-F		Soil	5/25/10																		52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
ENSB-03-G		Soil	5/25/10											1	1						52	
ENSB-04-A		Soil	5/25/10																		52	
ENSB-04-B		Soil	5/25/10											1	1						52	
ENSB-04-C		Soil	5/26/10																		52	
ENSB-05-A		Soil	5/26/10																		52	
ENSB-05-B		Soil	5/26/10																		52	
ENSB-05-C		Soil	5/26/10											1	1						52	
ENSB-05-C-DUP	ENSB-005-C	Soil	5/26/10											1	1							
ENSB-06-A		Soil	5/27/10											1	1						52	
ENSB-06-B		Soil	5/27/10																		52	
ESSB-15-A		Soil	5/27/10																		52	
ESSB-15-B		Soil	5/27/10																		52	
ESSB-15-C		Soil	5/27/10											1	1						52	
ESSB-15-C-DUP	ESSB-015-C	Soil	5/27/10																		52	
ESSB-15-D		Soil	5/27/10																		52	
ESSB-15-F		Soil	5/27/10											1	1						52	
ESSB-15-F-DUP	ESSB-015-F	Soil	5/27/10											1	1							
ESSB-15-G		Soil	5/27/10																		52	
ENSB-07-A		Soil	5/28/10																		52	
ENSB-07-B		Soil	5/28/10																		52	
ENSB-07-C		Soil	5/28/10											1	1						52	
ENSB-07-C-DUP	ENSB-007-C	Soil	5/28/10																		52	
ESSB-16-C		Soil	5/28/10											1	1						52	
ESSB-16-D		Soil	5/28/10																		52	
ESSB-16-E		Soil	5/28/10																		52	
ESSB-16-F		Soil	5/28/10											1	1						52	
ESSB-16-G		Soil	5/28/10																		52	
ENSB-07-D		Soil	6/1/10																		52	
ENSB-07-E		Soil	6/1/10																		52	
ENSB-07-F		Soil	6/1/10											1	1						52	
ENSB-07-G		Soil	6/1/10																		52	
ENSB-07-H		Soil	6/1/10																		52	
RMSB-22-A		Soil	6/2/10																		52	
RMSB-22-B		Soil	6/2/10																		52	
RMSB-22-C		Soil	6/2/10											1	1						52	
RMSB-22-D		Soil	6/2/10																		52	
RMSB-22-E		Soil	6/2/10																		52	
RMSB-22-F		Soil	6/2/10											1	1						52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
RMSB-22-G		Soil	6/2/10																		52	
RMSB-23-A		Soil	6/2/10																		52	
RMSB-23-B		Soil	6/2/10																		52	
RMSB-23-C		Soil	6/2/10											1	1						52	
RMSB-23-D		Soil	6/2/10											1	1						52	
RMSB-23-D-DUP	RMSB-023-D	Soil	6/2/10																		52	
IDCSB-05-A		Soil	6/3/10																		52	
IDCSB-05-B		Soil	6/3/10																		52	
IDCSB-05-C		Soil	6/3/10											1	1						52	
IDCSB-05-C-DUP	IDCSB005-C	Soil	6/3/10																		52	
IDCSB-05-D		Soil	6/3/10																		52	
IDCSB-05-E		Soil	6/3/10											1	1						52	
IDCSB-05-F		Soil	6/3/10																		52	
IDCSB-05-G		Soil	6/3/10																		52	
IDCSB-06-A		Soil	6/3/10																		52	
IDCSB-06-B		Soil	6/3/10																		52	
IDCSB-06-C		Soil	6/3/10											1	1						52	
IDCSB-06-D		Soil	6/4/10																		52	
IDCSB-06-E		Soil	6/4/10																		52	
IDCSB-06-F		Soil	6/4/10											1	1						52	
IDCSB-06-G		Soil	6/4/10																		52	
IDCSB-07-A		Soil	6/4/10																		52	
IDCSB-07-B		Soil	6/4/10																		52	
IDCSB-07-C		Soil	6/4/10											1	1						52	
IDCSB-07-C-DUP	IDC-SB007-C	Soil	6/4/10																		52	
IDCSB-07-D		Soil	6/4/10																		52	
IDCSB-07-E		Soil	6/4/10																		52	
IDCSB-07-F		Soil	6/4/10											1	1						52	
IDCSB-08-A		Soil	6/7/10																		52	
IDCSB-08-B		Soil	6/7/10																		52	
IDCSB-08-C		Soil	6/7/10											1	1						52	
IDCSB-08-D		Soil	6/7/10											1	1						52	
IDCSB-08-D-DUP	IDCSB008-D	Soil	6/7/10											1	1						52	
IDCSB-08-E		Soil	6/7/10																		52	
IDCSB-08-F		Soil	6/7/10																		52	
IDCSB-08-G		Soil	6/7/10																		52	
IDCSB-09-A		Soil	6/7/10																		52	
IDCSB-09-B		Soil	6/7/10																		52	

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
IDCSB-09-C		Soil	6/7/10											1	1						52	
IDCSB-09-D		Soil	6/8/10																		52	
IDCSB-09-E		Soil	6/8/10											1	1						52	
IDCSB-09-F		Soil	6/8/10																		52	
IDCSB-10-A		Soil	6/8/10																		52	
IDCSB-10-B		Soil	6/8/10																		52	
IDCSB-10-C		Soil	6/8/10											1	1						52	
IDCSB-11-A		Soil	6/8/10																		52	
IDCSB-11-B		Soil	6/8/10																		52	
IDCSB-11-C		Soil	6/8/10											1	1						52	
IDCSB-12-A		Soil	6/8/10																		52	
IDCSB-12-B		Soil	6/8/10																		52	
IDCSB-13-A		Soil	6/8/10																		52	
IDCSB-13-B		Soil	6/8/10																		52	
IDCSB-13-C		Soil	6/8/10											1	1						52	
IDCSB-14-A		Soil	6/8/10																		52	
IDCSB-14-B		Soil	6/8/10											1	1						52	
MPW-1-P1-S2		GW	7/20/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3			51
MPW-1-P2-S2		GW	7/20/10														1	23		2		51
MPW-1-P3-S2		GW	7/20/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-1-P4-S2		GW	7/20/10														1	23		2		51
MPW-1-P5-S2		GW	7/20/10														1	23		2		51
MPW-1-P6-S2		GW	7/20/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-01-072010		TB	7/20/10																	2		51
MPW-5-P1-S2		GW	7/21/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-5-P2-S2		GW	7/21/10														1	23		2		51
MPW-5-P3-S2		GW	7/21/10														1	23		2		51
MPW-5-P4-S2		GW	7/21/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-5-P5-S2		GW	7/21/10														1	23				51
MPW-5-P6-S2		GW	7/21/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-5-P7-S2		GW	7/21/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-5-P7-S2-DUP	MPW-5-P7-S2	GW	7/21/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-02-072110		TB	7/21/10																	2		51
MPW-2-P1-S2		GW	7/22/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-2-P2-S2		GW	7/22/10														1	23		2		51
MPW-2-P3-S2		GW	7/22/10														1	23		2		51
MPW-2-P4-S2		GW	7/22/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3			51
MPW-3-P1-S2		GW	7/22/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
MPW-3-P2-S2		GW	7/22/10														1	23		2		51
MPW-3-P3-S2		GW	7/22/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-3-P4-S2		GW	7/22/10														1	23		2		51
MPW-3-P5-S2		GW	7/22/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-03-072210		TB	7/22/10																	2		51
IVAX-2-S2		GW	7/23/10														1	23		2		51
IVAX-2-S2-DUP	IVAX-02-S2	GW	7/23/10														1	23		2		51
MPW-4-P1-S2		GW	7/23/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
MPW-4-P2-S2		GW	7/23/10														1	23		2		51
MPW-4-P3-S2		GW	7/23/10														1	23		2		51
MPW-4-P4-S2		GW	7/23/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3			51
TB-04-072310		TB	7/23/10																	2		51
FB-01-072610		FB	7/26/10														1	23	3	2		51
SMW-1-S2		GW	7/26/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
SMW-1-S2-DUP	SMW-01-S2	GW	7/26/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
SMW-2-S2		GW	7/26/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
SMW-3-S2		GW	7/26/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
SMW-5-S2		GW	7/26/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-05-072610		TB	7/26/10																	2		51
CIDRA-3-S2		GW	7/27/10														1	23		2		51
CIDRA-4-S2		GW	7/27/10														1	23		2		51
FB-02-072710		FB	7/27/10														1	23	3	2		51
SMW-9-S2		GW	7/27/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-06-072710		TB	7/27/10																3	2		51
CIDRA-6-S2		GW	7/28/10														1	23		2		51
CIDRA-8-S2		GW	7/28/10														1	23		2		51
FB-03-072810		FB	7/28/10														1	23	3	2		51
IVAX-Abandon-S2		GW	7/28/10														1	23		2		51
SMW-12-S2		GW	7/28/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-07-072810		TB	7/28/10																3	2		51
FB-04-072910		FB	7/29/10														1	23	3	2		51
SMW-10-S2		GW	7/29/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
SMW-10-S2-DUP	SMW-010-S2	GW	7/29/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-08-072910		TB	7/29/10																3	2		51

Table 1
Sample Summary
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Name	Parent Name	Matrix	Sample Date	Alk	Cl	TDS	TSS	TKN	NH3	NO3	NO2	SO4-	S2-	pH	Soil TOC	Aq TOC	Hard-ness	Metals-AES	MEE	TVOC-SIM	Soil VOC	Aq VOC
FB-05-073010		FB	7/30/10														1	23	3	2		51
MPW-6-P5-S2		GW	7/30/10	1	1	1	1	1	1	1	1	2	1			1	1	23	3	2		51
TB-09-073010		TB	7/30/10																3	2		51
			Total reported results	25	25	25	25	25	25	25	25	50	25	84	84	25	49	1127	102	110	14507	3009
			No. of Samples	25	25	25	25	25	25	25	25	25	25	84	84	25	49	49	34	55	278.98	59

Notes:

Numbers in the grid represent the number of compounds in each analytical group.

Parameter	Code	Method
Alkalinity	Alk	MCAWW310-1
Chloride	Cl	MCAWW325-3
Total dissolved solids	TDS	MCAWW160-1
Total suspended solids	TSS	MCAWW160-2
Total Kjeldahl Nitrogen	TKN	MCAWW351-
Ammonia	NH3	MCAWW350-1
Nitrate	NO3	MCAWW353-1
Nitrite	NO2	MCAWW353-2
Sulfate	SO4-	MCAWW376-
Sulfide	S2-	MCAWW375-
pH	pH	SW9045C
Total Organic Carbon	Soil TOC	Lloyd Kahn
Aqueous Total Organic Carbon	Aq TOC	SW 9060
Hardness	Hardness	SM2340B
Metals	Metals-AES	ILM05.4
Methane, ethane, ethene	MEE	RSK 147
Volatile organic compound	VOC	SOM01.2

Other Abbreviations:

AES = atomic emmission spectrophotometry
Aq = aqueous
FB = Field blanks
GW = aqueous groundwater
SIM = selective ion monitoring
TB = Trip blanks
CIDRA – Cidra Supply Well
IVAX - IVAX Well
MPW – Multiport Well

SMW – Saprolite Monitoring Well
CCSB – CCL Label Soil Boring
DJSB – DJ Manufacturing Soil Boring
ENSB – ENCO Soil Boring
ESSB – Esso Soil Boring
IDCSB – International Dry Cleaners Soil Boring
RMSB – Ramallo Soil Boring

Table 2
Laboratory and Methods Used and Summary of QC Samples

Table 2
Laboratories and Methods Used and Summary of QC Samples
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sampling Event	Case No.	Analysis	Designated Laboratory	# Samples	Matrix	Field Blank	Trip Blank	Field Duplicates	Total	Methods
4/23/10-5/28/10	40039	VOCs, TCL	CLP - Liberty	169	SOIL	1	0	9	179	SOM01.2; MA 1919.1
		Grain Size, TOC	Subcontract: Compuchem	80	SOIL	0	0	4	84	EPA 9045; Lloyd Kahn
		pH		80	SOIL	0	0	6	86	EPA 9045
6/1/10-6/8/10	40222	VOCs, TCL	CLP - Liberty	62	SOIL	0	0	4	66	SOM01.2; MA 1919.1
7/19/10-7/28/10	NA	Metals, TAL (ICP-AES)	DESA	40	GW	5	0	4	49	ILM05.4
	NA	Alkalinity, ammonia, chloride, hardness, NO3, NO2, TOC, TDS, TSS, SO4, S^{2-}	DESA	22	GW	5 (hardness only)	0	3	25 30 (for hardness)	various as per QAPP
	NA	MEE	DESA	22	GW	5	4	3	34	RSK 147
7/21/10-7/30/10	40369	TVOC + TVSIM	CLP - Shealy	31	GW	5	9	4	49	SOM01.2

Acronyms:
AES - atomic emission spectrometry
DESA - Division of Environmental Science and Assessment
ICP - inductively coupled plasma
MEE - methane, ethane, ethene
NA - not applicable
NO2 - nitrite
NO3 - nitrate
$S2^{-}$ - sulfide
gw - groundwater
CLP - Contract Laboratory Program
SO4 - sulfate
TAL - target analyte list
TCL - Target compound list
TDS - total dissolved solids
TOC - total organic carbon
TSS - total suspended solids
TVOC - trace volatile organic compound
TVSIM-trace VOC Selected ion monitoring
VOC - volatile organic compound

Table 3
DQI Inputs

Table 3
DQIs and Corresponding QC Parameters
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Data Quality Indicators	QC Parameters Evaluated in Data Review/ Validation
Precision	Relative Percent Difference (RPD) values of: 1) Laboratory Control Sample (LCS)/LCS duplicate 2) Matrix Spike/Laboratory Duplicate (MS/D) 3) Field duplicates
Accuracy/Bias	Percent Recovery (%R) or Percent Difference (%D) values of: 1) Initial calibration and continuing calibration verification 2) LCS 3) MS 4) Surrogate spikes 5) Serial dilution (Inductively Coupled Plasma [ICP] metals) 6) ICP inter-element interference check samples 7) Internal standards (%R and retention times) Relative Standard Deviation (RSD) values of: 1) Initial calibration verifications Results of: 1) Instrument and calibration blanks 2) Method (preparation) blanks 3) Trip blanks 4) Equipment rinsate blanks
Representativeness	Results of all blanks Sample integrity (Chain-of Custody and sample receipt forms) Holding times Compound identification (retention times, mass spectra, column confirmation) Results compared to calibration range
Comparability	Sample-specific method reporting limits Sample collection methods Laboratory analytical methods
Completeness	Data qualifiers Laboratory deliverables Requested/reported valid results Field sample collection (primary and QC samples) Contract compliance (i.e., method and instrument QC within limits)
Sensitivity	Method Reporting Limits Sample extract cleanup Adequacy of sample dilution

Table 4
Field Duplicates

Table 4a - Soil VOC - Field Duplicate Results

Table 4b - Aqueous VOCs - Field Duplicate Results

Table 4c - Aqueous Metals - Field Duplicate Results

Table 4d - Wet Chemistry (Aqueous and Soil) - Field Duplicate Results

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code Sample Name Sample Date Unit \\ Depth	5X CRQL	IDCSB-05-C 6/3/2010 8 to 12 ft		IDCSB-05-C-DUP IDCSB005-C 6/3/2010 8 to 12 ft		RPD < 100	ABS < 5*CRQL	IDCSB-07-C 6/4/2010 8 to 12 ft		IDCSB-07-C-DUP IDC-SB007-C 6/4/2010 8 to 12 ft		RPD < 100	ABS < 5*CRQL
Volatile Organic Compounds													
Dichlorodifluoromethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Chloromethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Vinyl Chloride	25	100		60		50.00	NA	120		64		60.87	NA
Bromomethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Chloroethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Trichlorofluoromethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,1-Dichloroethene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Acetone	50	14	U	14	U	NC	NA	6.2	J	5.3	J	15.65	NA
Carbon Disulfide	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Methyl Acetate	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Methylene Chloride	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
trans-1,2-Dichloroethene	25	32		19		50.98	NA	3.1	J	7.1	U	NC	4
Methyl tert-Butyl Ether	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,1-Dichloroethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
cis-1,2-Dichloroethene	25	750		960		24.56	NA	430	J	270		45.71	NA
2-Butanone	50	14	U	14	U	NC	NA	13	U	14	U	NC	NA
Chlorobromomethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Chloroform	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,1,1-Trichloroethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Cyclohexane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Carbon Tetrachloride	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Benzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2-Dichloroethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,4-Dioxane	500	140	R	140	R	NC	NA	130	R	140	R	NC	NA
Trichloroethene	25	210	J	270	J	25.00	NA	56		38		38.30	NA
Methylcyclohexane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2-Dichloropropane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Bromodichloromethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
cis-1,3-Dichloropropene	25	2.8	U	2.7	U	NC	NA	2.7	U	2.9	U	NC	NA
4-Methyl-2-pentanone	50	14	U	14	U	NC	NA	13	U	14	U	NC	NA
Toluene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
trans-1,3-Dichloropropene	25	2.8	U	2.7	U	NC	NA	2.7	U	2.9	U	NC	NA
1,1,2-Trichloroethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Tetrachloroethene	25	1600		1900		17.14	NA	110		83		27.98	NA
2-Hexanone	50	14	U	14	U	NC	NA	13	U	14	U	NC	NA
Dibromochloromethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2-Dibromoethane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Chlorobenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Ethylbenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
o-Xylene	25	0.82	J	0.55	J	39.42	0.27	6.7	U	7.1	U	NC	NA
m,p-Xylene	25	0.82	J	0.68	J	18.67	0.14	6.7	U	7.1	U	NC	NA
Styrene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Bromoform	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
Isopropylbenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,1,2,2-Tetrachloroethane	25	2.8	U	2.7	U	NC	NA	2.7	U	2.9	U	NC	NA
1,3-Dichlorobenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,4-Dichlorobenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2-Dichlorobenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2-Dibromo-3-chloropropane	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2,4-Trichlorobenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA
1,2,3-Trichlorobenzene	25	6.9	U	6.8	U	NC	NA	6.7	U	7.1	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	IDCSB-08-D		IDCSB-08-D-DUP		RPD	ABS	DJSB-01-C		DJSB-01-C-DUP		RPD	ABS
Sample Name			IDC-SB008-D						DJSB-001-C			
Sample Date	6/7/2010		6/7/2010				5/13/2010		5/13/2010			
Unit \\ Depth	20 to 24 ft		20 to 24 ft		< 100	< 5*CRQL	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Chloromethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Vinyl Chloride	6.1	U	8.6		NC	**2.5**	5.3	U	5.4	U	NC	NA
Bromomethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Chloroethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Trichlorofluoromethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,1-Dichloroethene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Acetone	12	U	12	U	NC	NA	11	U	11	U	NC	NA
Carbon Disulfide	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Methyl Acetate	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Methylene Chloride	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
trans-1,2-Dichloroethene	14		4.1	J	**109.39**	9.9	5.3	U	5.4	U	NC	NA
Methyl tert-Butyl Ether	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,1-Dichloroethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
cis-1,2-Dichloroethene	540		160	J	108.57	380	5.3	U	5.4	U	NC	NA
2-Butanone	12	U	12	U	NC	NA	11	U	11	U	NC	NA
Chlorobromomethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Chloroform	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,1,1-Trichloroethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Cyclohexane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Carbon Tetrachloride	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Benzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2-Dichloroethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,4-Dioxane	120	R	120	R	NC	NA	110	R	110	R	NC	NA
Trichloroethene	310	J	260	J	17.54	NA	5.3	U	5.4	U	NC	NA
Methylcyclohexane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2-Dichloropropane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Bromodichloromethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
cis-1,3-Dichloropropene	2.4	U	2.4	U	NC	NA	2.1	U	2.1	U	NC	NA
4-Methyl-2-pentanone	12	U	12	U	NC	NA	11	U	11	U	NC	NA
Toluene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
trans-1,3-Dichloropropene	2.4	U	2.4	U	NC	NA	2.1	U	2.1	U	NC	NA
1,1,2-Trichloroethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Tetrachloroethene	2700		3500		25.81	NA	5.3	U	5.4	U	NC	NA
2-Hexanone	12	U	12	U	NC	NA	11	U	11	U	NC	NA
Dibromochloromethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2-Dibromoethane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Chlorobenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Ethylbenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
o-Xylene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
m,p-Xylene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Styrene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Bromoform	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
Isopropylbenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,1,2,2-Tetrachloroethane	2.4	U	2.4	U	NC	NA	2.1	U	2.1	U	NC	NA
1,3-Dichlorobenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,4-Dichlorobenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2-Dichlorobenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2-Dibromo-3-chloropropane	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2,4-Trichlorobenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA
1,2,3-Trichlorobenzene	6.1	U	6	U	NC	NA	5.3	U	5.4	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	DJSB-02-C		DJSB-02-C-DUP		RPD	ABS	ESSB-15-C		ESSB-15-C-DUP		RPD	ABS
Sample Name			DJ-SB002-C						ESSB-015-C			
Sample Date	5/14/2010		5/14/2010				5/27/2010		5/27/2010			
Unit \\ Depth	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Chloromethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Vinyl Chloride	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Bromomethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Chloroethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Trichlorofluoromethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,1-Dichloroethene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Acetone	14	U	6.8	J	NC	7.2	45		53		16.33	NA
Carbon Disulfide	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Methyl Acetate	6.9	U	6.2	U	NC	NA	11	U	1	J	NC	10
Methylene Chloride	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
trans-1,2-Dichloroethene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Methyl tert-Butyl Ether	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,1-Dichloroethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
cis-1,2-Dichloroethene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
2-Butanone	14	U	12	U	NC	NA	5.5	J	14	U	NC	8.5
Chlorobromomethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Chloroform	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,1,1-Trichloroethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Cyclohexane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Carbon Tetrachloride	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Benzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2-Dichloroethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,4-Dioxane	140	R	120	R	NC	NA	220	R	140	R	NC	NA
Trichloroethene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Methylcyclohexane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2-Dichloropropane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Bromodichloromethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
cis-1,3-Dichloropropene	2.8	U	2.5	U	NC	NA	4.5	U	2.9	U	NC	NA
4-Methyl-2-pentanone	14	U	12	U	NC	NA	22	U	14	U	NC	NA
Toluene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
trans-1,3-Dichloropropene	2.8	U	2.5	U	NC	NA	4.5	U	2.9	U	NC	NA
1,1,2-Trichloroethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Tetrachloroethene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
2-Hexanone	14	U	12	U	NC	NA	22	U	14	U	NC	NA
Dibromochloromethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2-Dibromoethane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Chlorobenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Ethylbenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
o-Xylene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
m,p-Xylene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Styrene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Bromoform	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
Isopropylbenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,1,2,2-Tetrachloroethane	2.8	U	2.5	U	NC	NA	4.5	U	2.9	U	NC	NA
1,3-Dichlorobenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,4-Dichlorobenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2-Dichlorobenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2-Dibromo-3-chloropropane	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2,4-Trichlorobenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA
1,2,3-Trichlorobenzene	6.9	U	6.2	U	NC	NA	11	U	7.2	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	CCSB-12-C		CCSB-12-C-DUP		RPD	ABS	CCSB-14-C		CCSB-14-C-DUP		RPD	ABS
Sample Name			CCSB-012-C						CCSB-014-C			
Sample Date	4/23/2010		4/23/2010				4/26/2010		4/26/2010			
Unit \\ Depth	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Chloromethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Vinyl Chloride	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Bromomethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Chloroethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Trichlorofluoromethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,1-Dichloroethene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Acetone	3.8	J	14		NA	10.2	7.7	J	14	U	NC	6.3
Carbon Disulfide	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Methyl Acetate	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Methylene Chloride	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
trans-1,2-Dichloroethene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Methyl tert-Butyl Ether	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,1-Dichloroethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
cis-1,2-Dichloroethene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
2-Butanone	10	U	12	U	NC	NA	14	U	14	U	NC	NA
Chlorobromomethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Chloroform	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,1,1-Trichloroethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Cyclohexane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Carbon Tetrachloride	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Benzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2-Dichloroethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,4-Dioxane	100	R	120	R	NC	NA	140	R	140	R	NC	NA
Trichloroethene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Methylcyclohexane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2-Dichloropropane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Bromodichloromethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
cis-1,3-Dichloropropene	2.1	U	2.3	U	NC	NA	2.7	U	2.9	U	NC	NA
4-Methyl-2-pentanone	10	U	12	U	NC	NA	14	U	14	U	NC	NA
Toluene	5.2	U	67		NC	61.8	49		7.1	U	NC	41.9
trans-1,3-Dichloropropene	2.1	U	2.3	U	NC	NA	2.7	U	2.9	U	NC	NA
1,1,2-Trichloroethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Tetrachloroethene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
2-Hexanone	10	U	12	U	NC	NA	14	U	14	U	NC	NA
Dibromochloromethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2-Dibromoethane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Chlorobenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Ethylbenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
o-Xylene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
m,p-Xylene	5.2	U	5.8	U	NC	NA	1.3	J	7.1	U	NC	5.8
Styrene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Bromoform	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
Isopropylbenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,1,2,2-Tetrachloroethane	2.1	U	2.3	U	NC	NA	2.7	U	2.9	U	NC	NA
1,3-Dichlorobenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,4-Dichlorobenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2-Dichlorobenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2-Dibromo-3-chloropropane	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2,4-Trichlorobenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA
1,2,3-Trichlorobenzene	5.2	U	5.8	U	NC	NA	6.8	U	7.1	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	CCSB-16-C		CCSB-16-C-DUP		RPD	ABS	ENSB-01-C		ENSB-01-C-DUP		RPD	ABS
Sample Name			CCSB-016-C						ENSB-001-C			
Sample Date	4/27/2010		4/27/2010				5/20/2010		5/20/2010			
Unit \\ Depth	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Chloromethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Vinyl Chloride	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Bromomethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Chloroethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Trichlorofluoromethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,1-Dichloroethene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Acetone	16	J	8.9	J	57.03	7.1	13	U	12	U	NC	NA
Carbon Disulfide	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Methyl Acetate	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Methylene Chloride	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
trans-1,2-Dichloroethene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Methyl tert-Butyl Ether	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,1-Dichloroethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
cis-1,2-Dichloroethene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
2-Butanone	17	U	15	U	NC	NA	13	U	12	U	NC	NA
Chlorobromomethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Chloroform	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,1,1-Trichloroethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Cyclohexane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Carbon Tetrachloride	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Benzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2-Dichloroethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,4-Dioxane	170	R	150	R	NC	NA	130	R	120	R	NC	NA
Trichloroethene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Methylcyclohexane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2-Dichloropropane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Bromodichloromethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
cis-1,3-Dichloropropene	3.4	U	3	U	NC	NA	6.5	U	6.2	U	NC	NA
4-Methyl-2-pentanone	17	U	15	U	NC	NA	13	U	12	U	NC	NA
Toluene	33		35		5.88	NA	6.5	U	6.2	U	NC	NA
trans-1,3-Dichloropropene	3.4	U	3	U	NC	NA	6.5	U	6.2	U	NC	NA
1,1,2-Trichloroethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Tetrachloroethene	8.4	U	7.6	U	NC	NA	1.1	J	0.84	J	26.80	0.26
2-Hexanone	17	U	15	U	NC	NA	13	U	12	U	NC	NA
Dibromochloromethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2-Dibromoethane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Chlorobenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Ethylbenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
o-Xylene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
m,p-Xylene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Styrene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Bromoform	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
Isopropylbenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,1,2,2-Tetrachloroethane	3.4	U	3	U	NC	NA	6.5	U	6.2	U	NC	NA
1,3-Dichlorobenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,4-Dichlorobenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2-Dichlorobenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2-Dibromo-3-chloropropane	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2,4-Trichlorobenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA
1,2,3-Trichlorobenzene	8.4	U	7.6	U	NC	NA	6.5	U	6.2	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	ENSB-02-C		ENSB-02-C-DUP		RPD	ABS	ENSB-07-C		ENSB-07-C-DUP		RPD	ABS
Sample Name			ENSB-002-C						ENSB-007-C			
Sample Date	5/24/2010		5/24/2010				5/28/2010		5/28/2010			
Unit \\ Depth	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	UJ	NC	NA
Chloromethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	UJ	NC	NA
Vinyl Chloride	7.1	U	5.2	U	NC	NA	6.1	U	6.4	UJ	NC	NA
Bromomethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	UJ	NC	NA
Chloroethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	UJ	NC	NA
Trichlorofluoromethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,1-Dichloroethene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Acetone	14	U	10	U	NC	NA	4.6	J	13	U	NC	8.4
Carbon Disulfide	7.1	U	5.2	U	NC	NA	6.1	U	6.4	UJ	NC	NA
Methyl Acetate	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Methylene Chloride	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
trans-1,2-Dichloroethene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Methyl tert-Butyl Ether	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,1-Dichloroethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
cis-1,2-Dichloroethene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
2-Butanone	14	U	10	U	NC	NA	12	U	13	U	NC	NA
Chlorobromomethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Chloroform	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,1,1-Trichloroethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Cyclohexane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Carbon Tetrachloride	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Benzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2-Dichloroethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,4-Dioxane	140	R	100	R	NC	NA	120	R	130	R	NC	NA
Trichloroethene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Methylcyclohexane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2-Dichloropropane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Bromodichloromethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
cis-1,3-Dichloropropene	2.8	U	2.1	U	NC	NA	2.5	U	2.6	U	NC	NA
4-Methyl-2-pentanone	14	U	10	U	NC	NA	12	U	13	U	NC	NA
Toluene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
trans-1,3-Dichloropropene	2.8	U	2.1	U	NC	NA	2.5	U	2.6	U	NC	NA
1,1,2-Trichloroethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Tetrachloroethene	7.1	U	5.2	U	NC	NA	1.5	J	1.1	J	NA	0.4
2-Hexanone	14	U	10	U	NC	NA	12	U	13	U	NC	NA
Dibromochloromethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2-Dibromoethane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Chlorobenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Ethylbenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
o-Xylene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
m,p-Xylene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Styrene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Bromoform	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
Isopropylbenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,1,2,2-Tetrachloroethane	2.8	U	2.1	U	NC	NA	2.5	U	2.6	U	NC	NA
1,3-Dichlorobenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,4-Dichlorobenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2-Dichlorobenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2-Dibromo-3-chloropropane	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2,4-Trichlorobenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA
1,2,3-Trichlorobenzene	7.1	U	5.2	U	NC	NA	6.1	U	6.4	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	RMSB-12-C		RMSB-12-C-DUP		RPD	ABS	RMSB-14-C		RMSB-14-C-DUP		RPD	ABS
Sample Name			RMSB-012-C						RMSB-014-C			
Sample Date	4/30/2010		4/30/2010				5/6/2010		5/6/2010			
Unit \\ Depth	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Chloromethane	5.4	U	580		NC	**574.6**	6.4	U	6.7	U	NC	NA
Vinyl Chloride	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Bromomethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Chloroethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Trichlorofluoromethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,1-Dichloroethene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Acetone	19		950	U	NC	**931**	9.8	J	4.1	J	NA	5.7
Carbon Disulfide	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Methyl Acetate	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Methylene Chloride	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
trans-1,2-Dichloroethene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Methyl tert-Butyl Ether	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,1-Dichloroethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
cis-1,2-Dichloroethene	3.1	J	470	U	NC	**466.9**	6.4	U	6.7	U	NC	NA
2-Butanone	11	U	950	U	NC	NA	13	U	13	U	NC	NA
Chlorobromomethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Chloroform	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,1,1-Trichloroethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Cyclohexane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Carbon Tetrachloride	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Benzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2-Dichloroethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,4-Dioxane	4300	J	9500	R	NC	NA	130	R	130	R	NC	NA
Trichloroethene	2.2	J	470	U	NC	**467.8**	6.4	UJ	6.7	UJ	NC	NA
Methylcyclohexane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2-Dichloropropane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Bromodichloromethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
cis-1,3-Dichloropropene	2.2	U	190	U	NC	NA	2.6	U	2.7	U	NC	NA
4-Methyl-2-pentanone	11	U	950	U	NC	NA	13	U	13	U	NC	NA
Toluene	30		470	U	NC	**440**	6.4	U	6.7	U	NC	NA
trans-1,3-Dichloropropene	2.2	U	190	U	NC	NA	2.6	U	2.7	U	NC	NA
1,1,2-Trichloroethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Tetrachloroethene	310	J	1000		105.34	NA	6.9		5.9	J	NA	1
2-Hexanone	11	U	950	U	NC	NA	13	U	13	U	NC	NA
Dibromochloromethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2-Dibromoethane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Chlorobenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Ethylbenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
o-Xylene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
m,p-Xylene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Styrene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Bromoform	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
Isopropylbenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,1,2,2-Tetrachloroethane	2.2	U	190	U	NC	NA	2.6	U	2.7	U	NC	NA
1,3-Dichlorobenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,4-Dichlorobenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2-Dichlorobenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2-Dibromo-3-chloropropane	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2,4-Trichlorobenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA
1,2,3-Trichlorobenzene	5.4	U	470	U	NC	NA	6.4	U	6.7	U	NC	NA

Table 4a
Soil VOC Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	RMSB-18-C		RMSB-18-C-DUP		RPD	ABS	RMSB-23-D		RMSB-23-D-DUP		RPD	ABS
Sample Name			RMSB-018-C						RMSB-023-D			
Sample Date	5/10/2010		5/10/2010				6/2/2010		6/2/2010			
Unit \\ Depth	8 to 12 ft		8 to 12 ft		< 100	< 5*CRQL	20 to 24 ft		20 to 24 ft		< 100	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Chloromethane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Vinyl Chloride	400	J	380	J	5.13	NA	6.7	U	8	U	NC	NA
Bromomethane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Chloroethane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Trichlorofluoromethane	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,1-Dichloroethene	120		6.9	U	NC	113.1	6.7	U	8	U	NC	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Acetone	850	J	1700	J	66.67	NA	6.4	J	13	J	68.04	6.6
Carbon Disulfide	69		9.3		152.49	59.7	6.7	U	8	U	NC	NA
Methyl Acetate	5.8	UJ	4.7	J	NC	1.1	6.7	U	8	U	NC	NA
Methylene Chloride	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
trans-1,2-Dichloroethene	92		6.9	U	NC	85.1	6.7	U	8	U	NC	NA
Methyl tert-Butyl Ether	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,1-Dichloroethane	47	J	12		118.64	35	6.7	U	8	U	NC	NA
cis-1,2-Dichloroethene	620		470	J	27.52	NA	0.95	J	6.4	J	NA	5.45
2-Butanone	110		420		**116.98**	310	13	U	16	U	NC	NA
Chlorobromomethane	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Chloroform	8.1	J	6.9	U	NC	1.2	6.7	U	8	U	NC	NA
1,1,1-Trichloroethane	10	J	6.9	U	NC	3.1	6.7	U	8	U	NC	NA
Cyclohexane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Carbon Tetrachloride	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Benzene	1.1	J	6.9	U	NC	5.8	6.7	U	8	U	NC	NA
1,2-Dichloroethane	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,4-Dioxane	100	J	72	J	32.56	NA	130	R	160	R	NC	NA
Trichloroethene	1400	J	25		192.98	1375	1	J	11		NA	10
Methylcyclohexane	5.2	J	6.9	U	NC	1.7	6.7	U	8	U	NC	NA
1,2-Dichloropropane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Bromodichloromethane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
cis-1,3-Dichloropropene	5.8	U	6.9	U	NC	NA	2.7	U	3.2	U	NC	NA
4-Methyl-2-pentanone	15		5	J	100.00	10	13	U	16	U	NC	NA
Toluene	390	J	40		162.79	NA	6.7	U	8	U	NC	NA
trans-1,3-Dichloropropene	5.8	U	6.9	U	NC	NA	2.7	U	3.2	U	NC	NA
1,1,2-Trichloroethane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Tetrachloroethene	210	J	430	J	68.75	NA	85		710		#####	NA
2-Hexanone	12	U	14	U	NC	NA	13	U	16	U	NC	NA
Dibromochloromethane	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,2-Dibromoethane	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Chlorobenzene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Ethylbenzene	11		6.9	U	NC	4.1	6.7	U	8	U	NC	NA
o-Xylene	29		1.6	J	179.08	27.4	6.7	U	8	U	NC	NA
m,p-Xylene	64		2.2	J	186.71	61.8	6.7	U	8	U	NC	NA
Styrene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Bromoform	5.8	UJ	6.9	U	NC	NA	6.7	U	8	U	NC	NA
Isopropylbenzene	2.1	J	6.9	U	NC	4.8	6.7	U	8	U	NC	NA
1,1,2,2-Tetrachloroethane	5.8	U	6.9	U	NC	NA	2.7	U	3.2	U	NC	NA
1,3-Dichlorobenzene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,4-Dichlorobenzene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,2-Dichlorobenzene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,2-Dibromo-3-chloropropane	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,2,4-Trichlorobenzene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA
1,2,3-Trichlorobenzene	5.8	U	6.9	U	NC	NA	6.7	U	8	U	NC	NA

Table 4b
Aqueous VOCs Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code		IVAX-2-S2		IVAX-2-S2-DUP		RPD	ABS	MPW-5-P7-S2		MPW-5-P7-S2-DUP		RPD	ABS
Sample Name				IVAX-02-S2						MPW-55-P7-S2			
Sample Date		7/23/2010		7/23/2010				7/21/2010		7/21/2010			
Depth	5XQL	NA		NA		< 50	< 5*CRQL	302 to 324 ft		302 to 324 ft		< 50	< 5*CRQL
Volatile Organic Compounds													
Dichlorodifluoromethane	2.5	0.5	U	0.5	U	NC	NA	0.082	J	0.5	U	NC	0.42
Chloromethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Vinyl Chloride	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Bromomethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Chloroethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Trichlorofluoromethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,1-Dichloroethene	2.5	39	J	0.5	U	NC	38.5	3.6	J	3.4	J	2.86	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	0.41	J	0.37	J	10.26	0.04	0.5	U	0.5	U	NC	NA
Acetone	25	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Carbon Disulfide	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Methyl Acetate	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Methylene Chloride	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
trans-1,2-Dichloroethene	2.5	0.5	U	0.5	U	NC	NA	0.48	J	0.59	J	10.28	0.11
Methyl tert-Butyl Ether	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,1-Dichloroethane	2.5	2.8	J	2.9	J	3.51	0.1	0.092	J	0.087	J	2.79	0.005
cis-1,2-Dichloroethene	2.5	0.5	U	0.5	U	NC	NA	32	J	31	J	1.59	NA
2-Butanone	25	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Chlorobromomethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Chloroform	2.5	68	J	71	J	4.32	NA	3.5		3.3		2.94	NA
1,1,1-Trichloroethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Cyclohexane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Carbon Tetrachloride	2.5	0.5	U	0.5	U	NC	NA	0.16	J	0.5	U	NC	NA
Benzene	2.5	0.5	U	0.5	U	NC	NA	0.16	J	0.16	J	0.00	0
1,2-Dichloroethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,4-Dioxane	500												
Trichloroethene	2.5	0.5	U	0.5	U	NC	NA	5.3		4.7		6.00	NA
Methylcyclohexane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,2-Dichloropropane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Bromodichloromethane	2.5	0.44	J	0.48	J	8.70	0.04	0.5	U	0.5	U	NC	NA
cis-1,3-Dichloropropene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
4-Methyl-2-pentanone	25	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Toluene	2.5	0.5	U	0.5	U	NC	NA	1.6		2.1		13.51	0.5
trans-1,3-Dichloropropene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,1,2-Trichloroethane	2.5	0.16	J	0.18	J	11.76	0.02	0.5	U	0.5	U	NC	NA
Tetrachloroethene	2.5	0.78		0.76		2.60	0.02	86		68		11.69	NA
2-Hexanone	25	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Dibromochloromethane	2.5	0.075	J	0.088	J	15.95	0.013	0.5	U	0.5	U	NC	NA
1,2-Dibromoethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Chlorobenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.073	J	NC	0.43
Ethylbenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
o-Xylene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
m,p-Xylene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Styrene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Bromoform	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Isopropylbenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,1,2,2-Tetrachloroethane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,3-Dichlorobenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,4-Dichlorobenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,2-Dichlorobenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,2-Dibromo-3-chloropropane	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,2,4-Trichlorobenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
1,2,3-Trichlorobenzene	2.5	0.5	U	0.5	U	NC	NA	0.5	U	0.5	U	NC	NA
Volatile Organic Compounds - SIM													
1,2-Dibromoethane	0.25	0.05	U	0.05	U	NC	NA	0.05	U	0.05	U	NC	NA
1,2-Dibromo-3-chloropropane	0.25	0.05	U	0.05	U	NC	NA	0.05	U	0.05	U	NC	NA

Notes and Abbreviation:
1. RPD is calculated when both results are detected above the CRQL.
2. ABS is calculated for results failing the RPD **and** where results fall below the CRQL.
3. Values highlighted exceed criteria (above 50% RPD or ABS values above five times the CRQL).

Acronyms:
ABS = absolute difference
VOC = volatile organic compound
CRQL = contract required detection limit
J = estimated
U = non-detect
NA = Not available or not applicable
NC = Not calculable
µg = microgram; L = liter
RPD = relative percent difference

Table 4b
Aqueous VOCs Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	SMW-1-S2		SMW-1-S2-DUP		RPD	ABS	SMW-10-S2		SMW-10-S2-DUP		RPD	ABS
Sample Name			SMW-01-S2						SMW-010-S2			
Sample Date	7/26/2010		7/26/2010				7/29/2010		7/29/2010			
Depth	55 ft		55 ft		< 50	< 5*CRQL	70 ft		70 ft		< 50	< 5*CRQL
Volatile Organic Compounds												
Dichlorodifluoromethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Chloromethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Vinyl Chloride	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Bromomethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Chloroethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Trichlorofluoromethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,1-Dichloroethene	5	U	11		NC	6.00	31		29		3.33	NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	0.3	J	NC	4.70	5	U	5	U	NC	NA
Acetone	50	U	10	U	NC	NA	50	U	50	U	NC	NA
Carbon Disulfide	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Methyl Acetate	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Methylene Chloride	5	U	0.16	J	NC	4.84	5	U	5	U	NC	NA
trans-1,2-Dichloroethene	5	U	0.14	J	NC	4.86	5	U	5	U	NC	NA
Methyl tert-Butyl Ether	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,1-Dichloroethane	5	U	0.19	J	NC	4.81	5	U	5	U	NC	NA
cis-1,2-Dichloroethene	21		24		6.67	NA	60		55		4.35	NA
2-Butanone	50	U	10	U	NC	NA	50	U	50	U	NC	NA
Chlorobromomethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Chloroform	9.4		12		12.15	NA	5	U	5	U	NC	NA
1,1,1-Trichloroethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Cyclohexane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Carbon Tetrachloride	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Benzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,2-Dichloroethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,4-Dioxane												
Trichloroethene	14		15		3.45	NA	31		29		3.33	NA
Methylcyclohexane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,2-Dichloropropane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Bromodichloromethane	5	U	0.65	J	NC	4.35	5	U	5	U	NC	NA
cis-1,3-Dichloropropene	5	UJ	1	UJ	NC	NA	5	UJ	5	UJ	NC	NA
4-Methyl-2-pentanone	50	U	10	U	NC	NA	50	U	50	U	NC	NA
Toluene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
trans-1,3-Dichloropropene	5	UJ	1	UJ	NC	NA	5	UJ	5	UJ	NC	NA
1,1,2-Trichloroethane	5	UJ	1	UJ	NC	NA	5	UJ	5	UJ	NC	NA
Tetrachloroethene	680		680		0.00	NA	1700		1600		3.03	NA
2-Hexanone	50	U	10	U	NC	NA	50	U	50	U	NC	NA
Dibromochloromethane	5	U	0.11	J	NC	4.89	5	U	5	U	NC	NA
1,2-Dibromoethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Chlorobenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Ethylbenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
o-Xylene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
m,p-Xylene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Styrene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Bromoform	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Isopropylbenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,1,2,2-Tetrachloroethane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,3-Dichlorobenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,4-Dichlorobenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,2-Dichlorobenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,2-Dibromo-3-chloropropane	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,2,4-Trichlorobenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
1,2,3-Trichlorobenzene	5	U	1	U	NC	NA	5	U	5	U	NC	NA
Volatile Organic Compounds - SIM												
1,2-Dibromoethane	0.05	U	0.05	U	NC	NA	0.05	U	0.05	U	NC	NA
1,2-Dibromo-3-chloropropane	0.05	U	0.05	U	NC	NA	0.05	U	0.05	U	NC	NA

Notes and Abbreviation:
1. RPD is calculated when both results are detected above the CRQL.
2. ABS is calculated for results failing the RPD **and** where results fall below the CRQL.
3. Values highlighted exceed criteria (above 50% RPD or ABS values above five times the CRQL).

Acronyms:
ABS = absolute difference
VOC = volatile organic compound
CRQL = contract required detection limit
J = estimated
U = non-detect
NA = Not available or not applicable
NC = Not calculable
µg = microgram; L = liter
RPD = relative percent difference

Table 4c
Aqueous Metals Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code		IVAX-2-S2		IVAX-2-S2-DUP		RPD	ABS	MPW-5-P7-S2		MPW-5-P7-S2-DUP		RPD	ABS
Sample Name				IVAX-02-S2						MPW-55-P7-S2			
Sample Date		7/23/2010		7/23/2010				7/21/2010		7/21/2010			
Criteria \\ Depth	5XQL	NA		NA		< 50	< 5*CRQL	302 to 324 ft		302 to 324 ft		< 50	< 5*CRQL
Inorganic Analytes													
Aluminum	500	100	U	100	U	NC	NA	100	U	100	U	NC	NA
Antimony	10	2	U	2	U	NC	NA	2	U	2	U	NC	NA
Arsenic	40	8	U	8	U	NC	NA	8	U	8	U	NC	NA
Barium	500	100	U	100	U	NC	NA	100	U	100	U	NC	NA
Beryllium	15	3	U	3	U	NC	NA	3	U	3	U	NC	NA
Cadmium	15	3	U	3	U	NC	NA	3	U	3	U	NC	NA
Calcium	25000	39,000		40,000		2.53	NA	67,000		67,000		0.00	NA
Chromium	25	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Cobalt	100	20	U	20	U	NC	NA	20	U	20	U	NC	NA
Copper	50	10	U	10	U	NC	NA	10	U	10	U	NC	NA
Iron	250	50	U	50	U	NC	NA	50	U	50	U	NC	NA
Lead	40	8	U	8	U	NC	NA	8	U	8	U	NC	NA
Magnesium	25000	16,000		16,000		0.00	NA	20,000		19,000		5.13	NA
Manganese	25	5	U	5	U	NC	NA	17		22		25.64	NA
Mercury	1	0.2	U	0.2	U	NC	NA	0.2	U	0.2	U	NC	NA
Nickel	100	20	U	20	U	NC	NA	20	U	20	U	NC	NA
Potassium	25000	2,000		2,100		4.88	NA	1,000		920		8.33	NA
Selenium	100	20	U	20	U	NC	NA	20	U	20	U	NC	NA
Silver	25	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Sodium	25000	20,000		20,000		0.00	NA	26,000		26,000		0.00	NA
Thallium	5	1	U	1	U	NC	NA	1	U	1	U	NC	NA
Vanadium	100	20		20	U	NC	NA	24		23		4.26	NA
Zinc	100	38		43		12.35	NA	20	U	20	U	NC	NA

Notes and Abbreviation:

1. RPD is calculated when both results are detected.
2. ABS is calculated for results failing the RPD **and** where results fall below the CRQL.
3. Values highlighted exceed criteria (above 50% RPD or ABS values above five times the CRQL).

Acronyms:
ABS = absolute difference
AES = atomic emission spectroscopy
CRQL = contract required detection limit
NA = Not available or not applicable
NC = Not calculable
RPD = relative percent difference
µg = microgram; L = liter
J = estimated
U = non-detect

Table 4c
Aqueous Metals Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code	SMW-1-S2		SMW-1-S2-DUP		RPD	ABS	SMW-10-S2		SMW-10-S2-DUP		RPD	ABS
Sample Name			SMW-01-S2						SMW-010-S2			
Sample Date	7/26/2010		7/26/2010				7/29/2010		7/29/2010			
Criteria \\ Depth	55 ft		55 ft		< 50	< 5*CRQL	70 ft		70 ft		< 50	< 5*CRQL
Inorganic Analytes												
Aluminum	240		260		8.00	NA	1,200		2,900		82.93	NA
Antimony	2	U	2	U	NC	NA	2	U	2	U	NC	NA
Arsenic	8	U	8	U	NC	NA	8	U	8	U	NC	NA
Barium	130		130		0.00	NA	210		270		25.00	NA
Beryllium	3	U	3	U	NC	NA	3	U	3	U	NC	NA
Cadmium	3	U	3	U	NC	NA	3	U	3	U	NC	NA
Calcium	41,000		40,000		2.47	NA	26,000		33,000		23.73	NA
Chromium	6.9		7.2		4.26	NA	5	U	14		NC	NA
Cobalt	20	U	20	U	NC	NA	20	U	20	U	NC	NA
Copper	10	U	10	U	NC	NA	10	U	10	U	NC	NA
Iron	380		380		0.00	NA	89		340		NA	251
Lead	8	U	8	U	NC	NA	8	U	8	U	NC	NA
Magnesium	19,000		19,000		0.00	NA	6,200		12,000		NA	5800
Manganese	260		240		8.00	NA	7.3		21		NA	13.7
Mercury	0.2	U	0.2	U	NC	NA	0.2	U	0.2	U	NC	NA
Nickel	20	U	20	U	NC	NA	20	U	20	U	NC	NA
Potassium	2,500		2,500		0.00	NA	51,000		51,000		0.00	NA
Selenium	20	U	20	U	NC	NA	20	U	20	U	NC	NA
Silver	5	U	5	U	NC	NA	5	U	5	U	NC	NA
Sodium	30,000		30,000		0.00	NA	120,000		110,000		8.70	NA
Thallium	1	U	1	U	NC	NA	1	U	1	U	NC	NA
Vanadium	20		20		0.00	NA	67		71		5.80	NA
Zinc	20	U	20	U	NC	NA	20	U	20	U	NC	NA

Notes and Abbreviation:

1. RPD is calculated when both results are detected.
2. ABS is calculated for results failing the RPD **and** where results fall below the CRQL.
3. Values highlighted exceed criteria (above 50% RPD or ABS values above five times the CRQL).

Acronyms:
ABS = absolute difference
AES = atomic emission spectroscopy
CRQL = contract required detection limit
NA = Not available or not applicable
NC = Not calculable
RPD = relative percent difference
µg = microgram; L = liter
J = estimated
U = non-detect

Table 4d
Wet Chemistry Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code Sample Name Sample Date Chemical Name	Unit \\ Depth	5 x QL	IVAX-2-S2 7/23/2010 NA	IVAX-2-S2-DUP IVAX-02-S2 7/23/2010 NA	RPD < 50	ABS < 5*QL	MPW-5-P7-S2 7/21/2010 302 to 324 ft		MPW-5-P7-S2-DUP MPW-55-P7-S2 7/21/2010 302 to 324 ft		RPD < 50	ABS < 5*QL
Wet Chemistry												
Alkalinity, Total (as CaCO3)	mg/L	20	NA	NA	NA	NA	250		250		0.00	NA
Chloride	mg/L	5	NA	NA	NA	NA	41		41		0.00	NA
Ethene	µg/L	10	NA	NA	NA	NA	2	U	2	U	NC	NA
Ethane	µg/L	10	NA	NA	NA	NA	2	U	2	U	NC	NA
Methane	µg/L	10	NA	NA	NA	NA	560		680		19.35	NA
Hardness as CaCO3	mg/L	35	160	170	6.06	NA	250		250		0.00	NA
Nitrate	mg/L	0.25	NA	NA	NA	NA	4.6		4.5		2.20	NA
Nitrite	mg/L	0.25	NA	NA	NA	NA	0.05	U	0.05	U	NC	NA
Nitrogen, Ammonia	mg/L	0.25	NA	NA	NA	NA	0.05	U	0.05	U	NC	NA
Nitrogen, Total Kjeldahl	mg/L	0.5	NA	NA	NA	NA	0.1	U	0.1	U	NC	NA
Sulfate	mg/L	5	NA	NA	NA	NA	9.1		9		1.10	NA
Sulfide	mg/L	0.05	NA	NA	NA	NA	Not Analyzed		Not Analyzed			
Total Organic Carbon	mg/L	5	NA	NA	NA	NA	1.8		2		10.53	NA
Total Dissolved Solids	mg/L	50	NA	NA	NA	NA	390		390		0.00	NA
Total Suspended Solids	mg/L	50	NA	NA	NA	NA	10	U	10	U	NC	NA
HACH - Ferrous Iron	mg/L	0.15	NA	NA	NA	NA	0.03	U	0.03	U	NC	NA

Notes and Abbreviation:

1. RPD is calculated when both results are detected above the QL.
2. ABS is calculated for results failing the RPD **and** where results fall below the QL.
3. Values highlighted exceed criteria (above 50% RPD or ABS values above five times the QL).

Acronyms:
ABS = absolute difference
RPD = relative percent difference
QL = quantitation limit
J = estimated
U = non-detect
NA = Not analyzed or not applicable
NC = Not calculable
µg = microgram; L = liter
ft = feet
mg = milligram
CaCO3 = calcium carbonate

Table 4d
Wet Chemistry Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code Sample Name Sample Date Chemical Name	Unit \\ Depth	5 x QL	SMW-1-S2 7/26/2010 0 to 55 ft		SMW-1-S2-DUP SMW-01-S2 7/26/2010 55 ft		RPD < 50	ABS < 5*QL	SMW-10-S2 7/29/2010 70 ft		SMW-10-S2-DUP SMW-010-S2 7/29/2010 70 ft		RPD < 50	ABS < 5*QL
Wet Chemistry														
Alkalinity, Total (as CaCO3)	mg/L	20	180		180		0.00	NA	230		230		0.00	NA
Chloride	mg/L	5	36		36		0.00	NA	24		24		0.00	NA
Ethene	µg/L	10	2	U	2	U	NC	NA	2	U	2	U	NC	NA
Ethane	µg/L	10	2.4		2	U	NC	NA	2	U	2	U	NC	NA
Methane	µg/L	10	4.3		2.6		49.28	NA	8.2		4.8		52.31	3.4
Hardness as CaCO3	mg/L	35	180		180		0.00	NA	90		130		36.36	NA
Nitrate	mg/L	0.25	3.4		3.4		0.00	NA	4.5		5.1		12.50	NA
Nitrite	mg/L	0.25	0.12		0.14		15.38	NA	0.53		0.54		1.87	NA
Nitrogen, Ammonia	mg/L	0.25	0.05	U	0.05	U	NC	NA	0.29		0.3		3.39	NA
Nitrogen, Total Kjeldahl	mg/L	0.5	0.16		0.1	U	NC	NA	0.46		0.58		23.08	NA
Sulfate	mg/L	5	18		19		5.41	NA	8.8		9.2		4.44	NA
Sulfide	mg/L	0.05	Not Analyzed		Not Analyzed				Not Analyzed		Not Analyzed			
Total Organic Carbon	mg/L	5	2		2.4		18.18	NA	1.3		1.2		8.00	NA
Total Dissolved Solids	mg/L	50	330		310		6.25	NA	360		410		12.99	NA
Total Suspended Solids	mg/L	50	10	U	10	U	NC	NA	64		73		13.14	NA
HACH - Ferrous Iron	mg/L	0.15	0.03		0.03		0.00	NA	0.04		0.04		0.00	NA

Notes and Abbreviation:

1. RPD is calculated when both results are detected above the QL.
2. ABS is calculated for results failing the RPD **and** where results fall below the QL.
3. Values highlighted exceed criteria (above 50% RPD or ABS values above five times the QL).

Acronyms:
ABS = absolute difference
RPD = relative percent difference
QL = quantitation limit
J = estimated
U = non-detect

NA = Not analyzed or not applicable
NC = Not calculable
µg = microgram; L = liter
ft = feet
mg = milligram
CaCO3 = calcium carbonate

Table 4d
Wet Chemistry Field Duplicate Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code			IDCSB-08-D	IDCSB-08-D-DUP			ESSB-15-F	ESSB-15-F-DUP		
Sample Name				IDC-SB008-D	RPD	ABS		ESSB-015-F	RPD	ABS
Sample Date		5 x QL	6/7/2010	6/7/2010			5/27/2010	5/27/2010		
Chemical Name	Unit \\ Depth		20 to 24 ft	20 to 24 ft	< 100	< 5*QL	44 to 48 ft	to	< 100	< 5*QL
pH	s.u.	0.5	4.76	4.76	0.00	NA	6.65	6.97	4.70	NA
Total Organic Carbon	mg/kg	500	1360	1510	10.45	NA	1960	1240	45	NA

Sample Code			ENSB-05-C	ENSB-05-C-DUP			CCSB-18-D	CCSB-18-D-DUP		
Sample Name				ENSB-005-C	RPD	ABS		CC-SB018D	RPD	ABS
Sample Date		5 x QL	5/26/2010	5/26/2010			4/28/2010	4/28/2010		
Chemical Name	Unit \\ Depth		8 to 12 ft	8 to 12 ft	< 100	< 5*QL	20 to 24 ft	to	< 100	< 5*QL
pH	s.u.	0.5	6.6	7	5.88	NA	5.09	4.99	1.98	NA
Total Organic Carbon	mg/kg	500	18300	16500	10.34	NA	10880	3671	99.09	NA

Notes and Abbreviation:

1. RPD is calculated when both results are detected above the QL.
2. ABS is calculated for results failing the RPD **and** where results fall below the QL.
3. Values highlighted exceed criteria (above 100% RPD or ABS values above five times the QL).

Acronyms:

ABS = absolute difference
RPD = relative percent difference
QL = quantitation limit
ft = feet
NA = Not analyzed or not applicable
NC = Not calculable
mg = milligram; kg = kilogram
s.u. = standard units

Table 5
Field and Trip Blank Results

Table 5a –Field Blank VOC Results

Table 5b – Trip Blank VOC Results

Table 5c – Field and Trip Blanks Inorganic and Gases Results

Table 5a
Field Blank VOC Results
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Code		FB-042310		FB-01-072610		FB-02-072710		FB-03-072810		FB-04-072910		FB-05-073010	
Sample Name		FB-01		FB-01		FB-02							
Sample Date	CRQL	4/23/2010		7/26/2010		7/27/2010		7/28/2010		7/29/2010		7/30/2010	
		Soil blank											
Volatile Organic Compounds													
Chloromethane	0.5							***0.11***	J				
1,1-Dichloroethene	0.5												
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5												
Acetone	5	***3.7***	J	***1.8***	J	***2.1***	J						
Carbon Disulfide	0.5	***0.094***	J										
Methylene Chloride	0.5	***0.31***	J	**4.4**		**4.2**		**3.5**		**3.2**		**3**	
trans-1,2-Dichloroethene	0.5	***0.15***	J										
1,1-Dichloroethane	0.5												
cis-1,2-Dichloroethene	0.5												
Chloroform	0.5	**2**	J	***0.074***	J	***0.071***	J						
Benzene	0.5									***0.23***	J	***0.21***	J
Cyclohexane	0.5	***0.11***	J										
Trichloroethene	0.5												
Toluene	0.5	***0.21***	J	***0.25***	J	***0.19***	J	**0.71**		**1.4**		**1.1**	
Ethylbenzene	0.5	***0.075***	J							***0.18***	J		
o-Xylene	0.5	***0.046***	J					***0.074***	J	***0.3***	J	***0.3***	J
m,p-Xylene	0.5	***0.18***	J					***0.26***	J	**0.79**		**0.64**	
1,1,2,2-Tetrachloroethane	0.5												
Volatile Organic Compounds - SIM													
1,2-Dibromoethane	0.5	0.5	U										
1,2-Dibromo-3-chloropropane	0.5	0.5	U										

Notes:
1. Values detected above the CRQL are highlighted and bolded
2. Values detected below the CRQL are highlighted and italicized
3. Field blanks not listed had no contaminants; contaminants not listed had no detections
4. Blank cells represent non-detect results.

Abbreviations:

CRQL	contract required quantitation limit
µg/L	microgram per liter
U	non-detect
VOC	volatile organic compound
TCL	target compound list
J	estimated
SIM	selected ion monitoring

Table 5b
Trip Blank VOC Results
Cidra Contaminated Groundwater Site
Cidra, Puerto Rico

Sample Code Sample Name Sample Date	CRQL	TB-01-072010 7/20/2010		TB-02-072110 7/21/2010		TB-03-072210 7/22/2010		TB-04-072310 7/23/2010		TB-05-072610 7/26/2010		TB-06-072710 7/27/2010		TB-07-072810 7/28/2010		TB-08-072910 7/29/2010		TB-09-073010 7/30/2010	
Volatile Organic Compounds																			
Chloromethane	0.5													***0.13***	J	***0.074***	J		
1,1-Dichloroethene	0.5							***0.092***	J										
1,1,2-Trichloro-1,2,2-trifluoroethan	0.5	***0.17***	J																
Acetone	5	***3***	J	***2.6***	J	***1.5***	J	***1.8***	J										
Carbon Disulfide	0.5																		
Methylene Chloride	0.5	**5.6**		**5.3**		**5.2**		**4.9**		**3.7**		**3.7**		**3.6**		**3.3**		**3**	
trans-1,2-Dichloroethene	0.5	***0.11***	J																
1,1-Dichloroethane	0.5	***0.068***	J																
cis-1,2-Dichloroethene	0.5	***0.064***	J																
Chloroform	0.5	***0.19***	J					***0.1***	J							***0.097***	J		
Benzene	0.5	***0.16***	J											***0.15***	J	***0.25***	J	***0.2***	J
Cyclohexane	0.5																		
Trichloroethene	0.5	***0.067***	J																
Toluene	0.5	**0.95**		**0.68**		**0.58**		***0.45***	J	***0.23***	J	***0.2***	J	**0.69**		**1.4**		**1**	
Ethylbenzene	0.5															***0.17***	J		
o-Xylene	0.5															***0.3***	J	***0.28***	J
m,p-Xylene	0.5													***0.24***	J	**0.79**		**0.62**	
1,1,2,2-Tetrachloroethane	0.5	***0.074***	J																

Notes:
1. Values detected above the CRQL are highlighted and bolded
2. Values detected below the CRQL are highlighted and italicized
3. Field blanks not listed had no contaminants; contaminants not listed had no detections
4. Blank cells represent non-detect results.

Abbreviations:

CRQL	contract required quantitation limit
µg/L	microgram per liter
U	non-detect
VOC	volatile organic compound
TCL	target compound list
J	estimated
SIM	selected ion monitoring

Table 5c
Field and Trip Blanks Inorganic and Gases Results
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample Code		FB-01-072610		FB-02-072710		FB-03-072810		FB-04-072910		FB-05-073010	
Sample Name		FB-01		FB-02							
Sample Date	Unit	7/26/2010		7/27/2010		7/28/2010		7/29/2010		7/30/2010	
Inorganic Analytes											
Aluminum	µg/L	100	U	100	U	100	U	100	U	100	U
Antimony	µg/L	2	U	2	U	2	U	2	U	2	U
Arsenic	µg/L	8	U	8	U	8	U	8	U	8	U
Barium	µg/L	100	U	100	U	100	U	100	U	100	U
Beryllium	µg/L	3	U	3	U	3	U	3	U	3	U
Cadmium	µg/L	3	U	3	U	3	U	3	U	3	U
Calcium	µg/L	500	U	500	U	500	U	500	U	500	U
Chromium	µg/L	5	U	5	U	5	U	5	U	5	U
Cobalt	µg/L	20	U	20	U	20	U	20	U	20	U
Copper	µg/L	10	U	10	U	10	U	10	U	10	U
Iron	µg/L	50	U	50	U	50	U	50	U	50	U
Lead	µg/L	8	U	8	U	8	U	8	U	8	U
Magnesium	µg/L	500	U	500	U	500	U	500	U	500	U
Manganese	µg/L	5	U	5	U	5	U	5	U	5	U
Mercury	µg/L	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel	µg/L	20	U	20	U	20	U	20	U	20	U
Potassium	µg/L	500	U	500	U	500	U	500	U	500	U
Selenium	µg/L	20	U	20	U	20	U	20	U	20	U
Silver	µg/L	5	U	5	U	5	U	5	U	5	U
Sodium	µg/L	1000	U	1000	U	1000	U	1000	U	1000	U
Thallium	µg/L	1	U	1	U	1	U	1	U	1	U
Vanadium	µg/L	20	U	20	U	20	U	20	U	20	U
Zinc	µg/L	20	U	20	U	20	U	20	U	20	U
Cyanide	µg/L										

Sample Code		FB-01-072610		FB-02-072710		FB-03-072810		FB-04-072910		FB-05-073010		TB-06-072710		TB-07-072810		TB-08-072910		TB-09-073010	
Sample Name		FB-01		FB-02															
Sample Date	Unit	7/26/2010		7/27/2010		7/28/2010		7/29/2010		7/30/2010		7/27/2010		7/28/2010		7/29/2010		7/30/2010	
Wet Chemistry																			
Hardness As CaCO3	mg/L	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	NA		NA		NA		NA	
Methane	µg/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethene	µg/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethane	µg/L	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

Notes:
1. No contamination was detected in these blanks.

Abbreviations:

mg/L	milligram per liter
µg/L	microgram per liter
U	non-detect

Table 6

Quantitation Limits Above Project-Specific Criteria

(Groundwater and Soil)

Table 6
Quantitation Limits Above Project-Specific Criteria
Cidra Contaminated Groundwater Site,
Cidra, Puerto Rico

Chemical Group	Puerto Rico Groundwater Standard 2-06	QAPP Project Action Limit	QAPP Project Quantitation Limit Goal	Method CRQL	IVAX-2-S2 Sample Reporting Limit	Maximum GW SRL	Comment
Metals (µg/L):							
Arsenic	50	10	2	1	8	NA	SRL < PAL
Beryllium	NA	4	1	1	3	NA	SRL < PAL
Cadmium	5	5	1	1	3	NA	SRL < PAL
Selenium	50	50	10	5	20	NA	SRL < PAL

Chemical Group	Soil Standard	QAPP Project Action Limit	QAPP Project Quantitation Limit Goal	Method CRQL	CCSB-14-C Sample Reporting Limits	Maximum Soil SRL	Comment
VOCs (µg/kg):							
1,2-Dichloropropane	Soil screening levels as per QAPP	30	6	5	6.8	8.4	SRL < PAL
Vinyl chloride		10	5	5	6.8	8.4	SRL < PAL
Benzene		30	6	5	6.8	8.4	SRL < PAL

Notes and Abbreviations:

1 Compounds listed above have reporting sample limits above the project quantitation limit goal.
2 Samples listed were used as examples; however, all metal sample results limits were the same as the sample listed above.
3 For method ILM05.4, ICP-MS was requested for the metals listed above to try to achieve lower limits.

CRQL - contract required quantitation limit
GW - groundwater
J - Value estimated
PAL - project action limit
QAPP - quality assurance project plan
SRL - sample reporting limit
VOC - volatile organic ocmpound
µg/kg = microgram per kilogram
µg/L - microgram per liter

Table 7a

Data Completeness Report
(Usability Summary)

Table 7a
Data Completeness Report
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Method	Analytical Parameter	Non-Detects	Hits	Rejects	Total	Estimated Hits	Percent Estimated (Hits Only)	Percent Rejected
MCAWW310-1	Alkalinity	0	25	0	25	---	---	0.0
SW9045C	pH-Soil	0	84	0	84	---	---	0.0
Lloyd Kahn	Total Organic Carbon-soil	0	84	0	84	---	---	0.0
SW9060	Total Organic Carbon-water	10	15	0	25	---	---	0.0
MCAWW160-1	Total Dissolved Solids	0	25	0	25	---	---	0.0
MCAWW160-2	Total Suspended Solids	19	6	0	25	---	---	0.0
MCAWW325-3	Chloride	0	25	0	25	---	---	0.0
MCAWW350-1	Nitrogen, Ammonia	22	3	0	25	---	---	0.0
MCAWW351-	Nitrogen, Total Kjeldahl (TKN)	21	4	0	25	---	---	0.0
MCAWW353-1	Nitrate	1	24	0	25	---	---	0.0
MCAWW353-2	Nitrite	21	4	0	25	---	---	0.0
SM2540B	Hardness	0	44	0	44	---	---	0.0
MCAWW375-	Sulfate	20	30	0	50	---	---	0.0
MCAWW376-	Sulfide	20	30	0	50	---	---	0.0
ILM05.4	Inorganic Analytes (AES)	725	287	0	1012	---	---	0.0
SOM01.2 - SIM	Trace Volatile Organic Analysis - water	80	0	0	80	---	---	0.0
SOM01.2	Volatile Organic Analysis - water	1911	333	0	2244	200	8.9	0.0
SOM01.2	Volatile Organic Analysis - soil	13485	706	316	14507	375	2.6	2.2
RSK SOP147	Methane, Ethane, Ethene	50	25	0	75	---	---	0.0
	Totals	**16385**	**1754**	**316**	**18455**	**575**	**3.1**	**1.7**

Percent of all Data Rejected	1.71	
Percent of all VOCs Rejected	1.9	
Percent of all Hits Estimated	3.1	(does not include estimated non-detect data)
Percent complete (judged valid)	98.29	(Includes all estimated data)

Notes:
The counts and calculations above do not include field or triip blank samples only environmental samples.

AES = atomic emission spectroscopy
SIM = selective ion monitoring

Table 7b

Rejection Summary

Table 7b
Rejection Summary
Cidra Groundwater Contamination Site
Cidra, Puerto Rico

Sample_Name	Sample_Date	Volatile Organic Compound Name	Result	Unit
RMSB-22-D	06/02/10	1,1,1-Trichloroethane	1000	µg/kg
RMSB-22-D	06/02/10	1,1,2,2-Tetrachloroethane	410	µg/kg
RMSB-22-D	06/02/10	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	µg/kg
RMSB-22-D	06/02/10	1,1,2-Trichloroethane	1000	µg/kg
RMSB-22-D	06/02/10	1,1-Dichloroethane	1000	µg/kg
RMSB-22-D	06/02/10	1,1-Dichloroethene	1000	µg/kg
RMSB-22-D	06/02/10	1,2,3-Trichlorobenzene	1000	µg/kg
RMSB-22-D	06/02/10	1,2,4-Trichlorobenzene	1000	µg/kg
RMSB-22-D	06/02/10	1,2-Dibromo-3-chloropropane	1000	µg/kg
RMSB-22-D	06/02/10	1,2-Dibromoethane	1000	µg/kg
RMSB-22-D	06/02/10	1,2-Dichlorobenzene	1000	µg/kg
RMSB-22-D	06/02/10	1,2-Dichloroethane	1000	µg/kg
RMSB-22-D	06/02/10	1,2-Dichloropropane	1000	µg/kg
RMSB-22-D	06/02/10	1,3-Dichlorobenzene	1000	µg/kg
RMSB-22-D	06/02/10	1,4-Dichlorobenzene	1000	µg/kg
RMSB-22-D	06/02/10	2-Butanone	2000	µg/kg
RMSB-22-D	06/02/10	2-Hexanone	2000	µg/kg
RMSB-22-D	06/02/10	4-Methyl-2-pentanone	2000	µg/kg
RMSB-22-D	06/02/10	Benzene	1000	µg/kg
RMSB-22-D	06/02/10	Bromodichloromethane	1000	µg/kg
RMSB-22-D	06/02/10	Bromoform	1000	µg/kg
RMSB-22-D	06/02/10	Bromomethane	1000	µg/kg
RMSB-22-D	06/02/10	Carbon Disulfide	1000	µg/kg
RMSB-22-D	06/02/10	Carbon Tetrachloride	1000	µg/kg
RMSB-22-D	06/02/10	Chlorobenzene	1000	µg/kg
RMSB-22-D	06/02/10	Chlorobromomethane	1000	µg/kg
RMSB-22-D	06/02/10	Chloroethane	1000	µg/kg
RMSB-22-D	06/02/10	Chloroform	1000	µg/kg
RMSB-22-D	06/02/10	Chloromethane	1000	µg/kg
RMSB-22-D	06/02/10	cis-1,3-Dichloropropene	410	µg/kg
RMSB-22-D	06/02/10	Cyclohexane	1000	µg/kg
RMSB-22-D	06/02/10	Dibromochloromethane	1000	µg/kg
RMSB-22-D	06/02/10	Dichlorodifluoromethane	1000	µg/kg
RMSB-22-D	06/02/10	Ethylbenzene	1000	µg/kg
RMSB-22-D	06/02/10	Isopropylbenzene	1000	µg/kg
RMSB-22-D	06/02/10	m,p-Xylene	1000	µg/kg
RMSB-22-D	06/02/10	Methyl Acetate	1000	µg/kg
RMSB-22-D	06/02/10	Methyl tert-Butyl Ether	1000	µg/kg
RMSB-22-D	06/02/10	Methylcyclohexane	1000	µg/kg
RMSB-22-D	06/02/10	o-Xylene	1000	µg/kg
RMSB-22-D	06/02/10	Styrene	1000	µg/kg
RMSB-22-D	06/02/10	trans-1,2-Dichloroethene	1000	µg/kg
RMSB-22-D	06/02/10	trans-1,3-Dichloropropene	410	µg/kg
RMSB-22-D	06/02/10	Trichlorofluoromethane	1000	µg/kg
RMSB-22-D	06/02/10	Vinyl Chloride	1000	µg/kg

Notes:

1. 271 out of 278 1,4-dioxane results were also rejected (96.8%)
2. In sample RMSB-22-D [B84F8], 86.5% of the VOC results were rejected.
3. In summary, 1,4-dioxane in the majority of samples and most of the VOC results in sample RMSB-22-D accounted for all the rejected data in the Stage 2 sampling events.

µg/kg = microgram per kilogram