

# WATER-QUALITY, WATER-LEVEL, AND LAKE-BOTTOM-SEDIMENT DATA COLLECTED FROM THE DEFENSE FUEL SUPPLY POINT AND ADJACENT PROPERTIES, HANAHAN, SOUTH CAROLINA, 1990-96

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and Paul M. Bradley

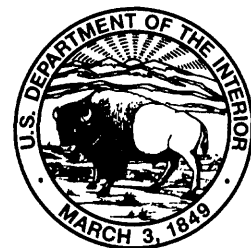
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## CONVERSION FACTORS, ABBREVIATIONS, VERTICAL DATUM, AND ACRONYMS

Multiply	By	To obtain
<i>Length</i>		
inch (in.)	2.54	centimeter
foot (ft)	0.3048	meter
<i>Volume</i>		
gallon (gal)	3.785	liter
<i>Flow</i>		
gallon per minute (gal/min)	3.785	liter per minute

**Sea level:** In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 -- a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

**Temperature:** In this report, temperature is expressed in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation:

$$^{\circ}\text{F} = 1.8 \times (^{\circ}\text{C}) + 32$$

**Chemical concentration:** In this report, chemical concentration is expressed in micrograms per kilogram ( $\mu\text{g/kg}$ ), micrograms per liter ( $\mu\text{g/L}$ ), micromolar ( $\mu\text{M}$ ), milligrams per kilogram ( $\text{mg/kg}$ ), milligrams per liter ( $\text{mg/L}$ ), or nanomolar ( $\text{nM}$ ) where molar ( $\text{M}$ ) is equivalent to moles per liter.

**Specific electrical conductance** is given in microsiemens per centimeter at 25 degrees Celsius ( $\mu\text{S/cm}$  at 25 °C).

**CONVERSION FACTORS, ABBREVIATIONS, VERTICAL DATUM, AND  
ACRONYMS--Continued**

**ADDITIONAL ABBREVIATIONS**

L, liter  
μm, micrometer  
mL, milliliter  
>, greater than  
<, less than

**ACRONYMS**

BTEX, benzene, toluene, ethylbenzene, and xylenes  
DFSP, Defense Fuel Supply Point  
DLA, Defense Logistics Agency  
DIC, dissolved inorganic carbon  
ID, inside diameter  
OD, outside diameter  
PVC, polyvinyl chloride  
SS, stainless steel  
TOC, total organic carbon  
TPH, total petroleum hydrocarbons  
USEPA, U. S. Environmental Protection Agency  
USGS, U. S. Geological Survey

The use of trade, product, industry, or firm names in this report is for identification or location purposes only, and does not constitute endorsement of products by the U. S. Government, nor impute responsibility for any present or potential effects on the natural resources.

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## **ABSTRACT**

A 9-year scientific investigation to determine the potential for bioremediation of ground-water contamination and to monitor the effectiveness of an engineered bioremediation system located at the Defense Fuel Supply Point and adjacent properties in Hanahan, S.C., has culminated in the collection of abundant water-quality and water-level data. This report presents the analytical results of the study that monitored the changes in surface- and ground-water quality and water-table elevations in the study area from December 1990 to January 1996. This report also presents analytical results of lake-bottom sediments collected in the study area.

## **INTRODUCTION**

In 1975, a tank located at a Defense Fuel Supply Point (DFSP), referred to hereinafter as the facility, near Hanahan, S.C., leaked a reported 83,000 gals of JP-4 jet fuel (pl. 1). The leak contaminated water and sediment in the shallow surficial aquifer beneath the facility with petroleum hydrocarbons, in particular, benzene, toluene, ethylbenzene, and xylenes (collectively termed BTEX) (U.S. Army Environmental Hygiene Agency, 1975).

Investigations by the U.S. Geological Survey (USGS) began at the facility in 1987 in cooperation with the U.S. Defense Logistics Agency (DLA), through the U.S. Navy, Southern Division Naval Facilities Engineering Command. The USGS was asked to determine the potential for *in situ* bioremediation of the ground-water contamination at the study site. The study, which was completed in collaboration with DLA and its contractors, included the design, construction, and operation of an engineered bioremediation system that utilized both microbiological and hydraulic contaminant-depletion technologies. Although the study area included the facility and surrounding areas, the investigation concentrated on the northern part of the facility and the ground-water-contamination plumes extending northward into Gold Cup Springs subdivision (pl. 1). This investigation culminated in the collection of abundant water-quality and water-level data.

## **Purpose and Scope**

This report presents data collected between December 1990 and January 1996 that documented the changes in surface- and ground-water quality and water-table elevations in the study area. This report also presents analytical results of contaminants present in lake-bottom sediments collected from Gold Cup Springs Lake. The scope of work included drilling to obtain lithologic descriptions of surficial aquifer sediments and to install monitoring wells in this aquifer; collection of surface- and ground-water samples to delineate contaminated areas and to monitor temporal changes in the distribution of the contaminant plumes; measurement of water levels in wells and streams to determine the direction of ground-water flow; and collection of lake-bottom sediments to determine if fuel-related contaminants were present.

## **Description of Study Area**

The facility is surrounded by private properties on the northern, western, and southern borders and the Charleston Naval Weapons Station to the east (pl. 1). The study area is underlain by unconsolidated Pleistocene sediments composed of quartz sand and silt with discontinuous layers of clay, clayey sand, and sandy clay. The base of the Pleistocene sediments in the area ranges from depths of 11- to 33-ft below land surface. Layers of dense calcarenite and calcilutite are approximately 270-ft thick beneath the Pleistocene sediments at the facility, which vertically isolates the surficial aquifer from deeper water-bearing units.

The Pleistocene sediments function as an unconfined water-bearing zone and are referred to as the surficial aquifer. However, clay lenses within these sediments produce locally confined flow conditions. Recharge to the surficial aquifer is primarily from rainfall infiltration. Ground-water discharge at the site is by flow to nearby drains and streams, and by evapotranspiration. The predominant direction of ground-water flow beneath the facility is to the northwest (Vroblesky and Chappelle, 1994; Vroblesky and others, in press).

The engineered bioremediation system at the facility consisted of infiltration galleries and an extraction system. Three infiltration galleries were located north of the fuel storage tanks on the facility (pl. 1) and were designed to inject uncontaminated water and nutrients into the contaminated aquifer to enhance bioremediation. The extraction system consisted of 17 wells that were located along the western, northern, and northeastern perimeter of the facility and one located in Gold Cup Springs subdivision (pl. 1), and was designed to remove contaminated water from the surficial aquifer.

## **METHODS OF STUDY**

Standard methods typically were used in this investigation to obtain water-quality, water-level, and lake-bottom-sediment-quality data. Specific methods used during monitoring-well installation and development, water-level measurements, and collection and analysis of water-quality and lake-bottom-sediment-quality data are discussed in the following sections.



### **Collection of Sediment Samples for Lithologic Description**

Sediment borings were made at the facility to collect subsurface-sediment samples for lithologic description and for the installation of monitoring wells (pl. 1). Sediment samples for lithologic description were collected from 19 boreholes between July 1990 and June 1994. Most of the holes were bored using hollow-stem augers [5.5-, 8.5-, and 10.25-in. outside diameters (OD)], and sediment samples were collected with a split-spoon sampler [1.375-in. inside diameter (ID)] using standard methods (American Society for Testing and Materials, 1994). Sediment samples from borehole DV-4 were collected with a coring hand auger.

Lithologic descriptions of sediments collected from the 19 boreholes are presented in the appendix. Continuous subsurface-sediment sample collection began at depths varying from 0- to 10-ft below land surface. Estimates of grain size, color, and composition were based on visual examination of the sediments. Grain-size classifications were based on the Wentworth Scale (1922).

### **Monitoring-Well Installation and Development**

Eighty-five monitoring wells and piezometers were installed at or near the facility by the USGS or under the direction of the USGS (pl. 1). All wells were installed in the surficial aquifer from June 1990 to June 1994. Generally, these wells were installed at locations and depths intended to provide necessary geochemical and water-level data where previously unobtained, thereby, complementing existing monitoring wells installed during previous investigations. Construction data for wells installed by the USGS are listed in table 1 (at end of report). Water-level and geochemical data also were collected from 34 monitoring wells installed during previous investigations in the vicinity of the facility, as well as 4 privately owned domestic wells located in Gold Cup Springs subdivision. Available well-construction data for these wells are presented in table 2 (at end of report).

Monitoring wells installed by the USGS were identified by the prefix MWGS followed by the numbers 5 and 20 through 63. Well pairs and clusters were further identified alphabetically to indicate relative depths, with the letter A representing the shallowest well of the pair or cluster; B identifying the deepest well of a pair, or the second most shallow of a cluster; C identifying the third most shallow well of a cluster, and so forth. For example, MWGS-27A is the shallowest well of the MWGS-27 cluster, and MWGS-27C is the deepest, with MWGS-27B at an intermediate depth. Well MWGS-05A, however, was installed adjacent to a previously existing well, MW-5, and is the deepest of the pair. Piezometers installed by the USGS were identified by the prefix WT followed by sequential numbers 1 through 11.

Specific wells and groups of wells were installed for various reasons, and not necessarily limited to filling in spatial data gaps. Wells MWGS-42 through MWGS-63 were installed in the Tank 1 basin for use as test galleries for experimental purposes. The WT-series wells were installed primarily for gathering water-level data. Well pairs and clusters were installed to assess the vertical distribution of contaminants.

All MWGS-series wells were installed using hollow-stem augers. All WT-series piezometers were installed using a coring hand auger. Wells and piezometers were installed by USGS personnel or under the direction of the USGS, except for well clusters MWGS-23, MWGS-24, MWGS-25, MWGS-26, MWGS-27, and MWGS-28, which were installed by a U.S. Environmental Protection Agency (USEPA) drill crew in cooperation with the USGS. Well clusters MWGS-23, MWGS-24, MWGS-25, and MWGS-26 were constructed with 0.25-in. OD stainless-steel (SS) tubing, with each cluster installed in a single, respective borehole. Screened intervals for these wells were constructed of 0.2-ft lengths of 60 mesh SS screen. Well clusters MWGS-27 and MWGS-28 were constructed with 1-in. ID polyvinyl chloride (PVC) flush-threaded pipe with slotted-screen sections cut to desired lengths in the field. Wells MWGS-35 through MWGS-39 were constructed with 4-in. ID flush-threaded PVC monitor pipe and slotted screen (0.010-in. slots). All other MWGS- and WT-series wells were constructed with 2-in. ID flush-threaded PVC monitor pipe and slotted screen (0.010-in. slots). In most cases, the screened section of shallower wells was placed to bracket the water table, unless the depth to the water table was too shallow to allow such placement. The annular space around the screened sections of all wells was filled with clean filter sand to various heights, but typically about 2-ft above the top of the screens. A bentonite seal was placed above the filter sand, and the remaining annular space was grouted with cement to about 1-ft below land surface. Wells were finished at land surface with a concrete pad and protective cover. Because of their intended use as temporary wells, wells MWGS-42 through MWGS-63 were sealed to land surface with bentonite and were not finished with protective covers.

Monitoring wells were developed either by bailing with dedicated Teflon bailers or pumping until the withdrawn water was clear and assumed to be representative of formation water. The amount of water required to be withdrawn varied from well to well. All withdrawn development water was contained in wastewater holding tanks located on the facility.

Extraction wells EW-01 through EW-17 (pl. 1) were constructed with 30-ft lengths of 6-in. ID PVC slotted-screen sections (slot size 0.010 in.), placed to bracket the entire saturated thickness of the surficial aquifer. Because of the shallower depth to the bottom of the surficial aquifer, extraction well EW-18 was installed with a 25-ft screened section. The annular space from the bottom of the borehole to not less than 1-ft above the top of the screened interval was filled with filter sand. A 1-ft thick bentonite seal was placed above the sand pack, and the remaining annular space above the bentonite seal was grouted to land surface. Each wellhead was surrounded by a floored concrete vault, the bottom of which was approximately 2-ft below land surface.

A 0.5-horsepower submersible pump, capable of providing flow rates of about 10 gal/min, was installed in each extraction well. The pumps were outfitted with automatic level control switches to deactivate and reactivate pump operation (cycling), thereby preventing the pump from operating while not completely submerged in water. All extraction wells were connected to a common discharge pipe, through which all extracted ground water was directed to a splitter pit on the eastern side of the facility. By use of control valves in the splitter pit, all of the extracted water could be directed offsite for treatment.

## **Water-Quality Sample Collection and Analysis**

Ninety-one wells and 13 surface-water sites located on and adjacent to the facility were sampled intermittently during this investigation from December 1990 to January 1996. Between 49 and 79 wells were sampled on a quarterly basis from January 1992 to July 1995. The actual number of surface-water sites sampled each quarter varied somewhat, but typically, all 13 sites were sampled. Extraction wells were sampled on a monthly basis between March 1992 and September 1995, depending on their operational status. The infiltration gallery port, IG-2, was sampled on a monthly basis between September 1993 and September 1995.

All monitoring wells were purged of casing water prior to collecting ground-water samples. At least three casing volumes of water were removed from each well with either a Teflon bailer, a peristaltic pump with silicon tubing, or a 1.8-in. OD SS submersible pump with a rubber hose, except for wells that were bailed dry prior to removing three casing volumes. Because the extraction wells were continuously pumped, these wells could be sampled without any additional purging. Each well was sampled immediately following bailing. All purge water was contained in wastewater holding tanks located on the facility.

Designated Teflon bailers eliminated the need for extensive cleaning between wells. Although designated bailers were used to collect ground-water samples from most monitoring wells, a common bailer used at a few wells was decontaminated prior to sampling each well using a detergent solution and rinsing with deionized water. Before sampling with the peristaltic pump, the silicon tubing used in conjunction with the pump was decontaminated by pumping approximately 1 L of deionized water through the system prior to sampling each well. The outside of the silicon tubing was rinsed with deionized water. The submersible pump and hose were decontaminated by pumping at least 25 gal of a detergent solution through the system and then rinsing with approximately 25 gal of water. The outside of the hose and pump were scrubbed with the detergent solution and then rinsed with water. Additionally, the filter stands and membrane filters used to collect filtered samples were rinsed thoroughly with deionized water, followed by ground water from the well to be sampled, prior to collecting samples at each well.

Dissolved oxygen, ferrous iron, and total-sulfide concentrations were measured in the field. After well purging, the dissolved oxygen concentration in water from each well was determined by Winkler titration (Hach Company, 1992). Ferrous iron was analyzed using the Hach colorimeter/FerroZine method (Stookey, 1970). Total-sulfide concentration, as hydrogen sulfide ( $H_2S$ ) or acid-soluble metallic sulfides, was determined in the field using a colorimetric method (Hach Company, 1992). Particulate matter in the samples was allowed to settle and then the clear supernatant analyzed. The results represent the approximate concentrations of dissolved  $H_2S$ .

After collecting the dissolved oxygen sample, specific conductance, pH, and water temperature were measured using techniques described by Wood (1976). Specific conductance was measured with a Yellow Springs Instrument model 33 SCT meter. The pH was measured using a digital pH meter equipped with a combination temperature-compensated pH electrode. Water temperature was measured to the nearest 0.1 °C with the temperature probe of the pH meter or to the nearest 0.5 °C with a mercury-filled glass thermometer. Specific conductance in the surficial aquifer also was measured by continuous specific conductance recorders (recorded at 15-minute intervals) in four 2-in. ID wells (MWGS-33A, MWGS-33B, MWGS-34A, and MWGS-34B) located on the facility (pl. 1).

Alkalinity titrations were completed in the field on 100-mL filtered samples during the December 1990, June 1991, July 1991, and October 1991 sampling events. Each sample was stirred slowly, using a battery-powered magnetic stirrer while a Hach Digital Titrator was used to add 0.16-normal sulfuric acid solution to the sample until a pH endpoint of 4.5 was reached. Alkalinity was calculated as the endpoint of the cumulative volume of added acid as a function of pH.

Water samples for analysis of BTEX, total petroleum hydrocarbons (TPH), total organic carbon (TOC), and naphthalene were collected by slowly filling sample-rinsed glass bottles from a bottom-discharge bailer. The bottles were allowed to overflow several seconds, and then samples were either preserved with 3 drops of hydrochloric acid (BTEX samples), preserved with sulfuric acid (TPH and TOC samples), or not preserved (naphthalene samples). All sample bottles were capped with Teflon-lined bottle caps. If aeration of a BTEX sample was suspected, or if bubbles were observed in a bottle, the sample was discarded, and a new sample was collected. Ground-water samples for analysis of BTEX and naphthalene were collected in 40-mL glass bottles; TPH and TOC samples were collected in 1-L and 200-mL amber glass bottles, respectively. The water samples for analysis of BTEX, TPH, TOC, and naphthalene were delivered to a commercial laboratory on the day of collection for analysis by USEPA methods 8020, 418.1, 415.1, and 8020, respectively (U.S. Environmental Protection Agency, 1983; U.S. Environmental Protection Agency, Office of Solid Waste, 1986). The water samples collected on February 28, 1995, for analysis of BTEX were analyzed by USEPA method 8240 (U.S. Environmental Protection Agency, Office of Solid Waste, 1986).

Water samples for analysis of inorganic ions were collected using either a syringe or a peristaltic pump and filtered through a 0.45- $\mu$ m porous-membrane filter into sample-rinsed polyethylene bottles. The inorganic ion samples were packed in ice immediately following collection. Ammonium, calcium, magnesium, potassium, and sodium constituents were quantified in the laboratory by ion-exchange chromatography using chemical suppression and conductivity detection. Chloride, bromide, nitrate, nitrite, phosphate, and sulfate concentrations were determined in the laboratory by ion-exchange chromatography using chemical suppression and conductivity detection as specified in USEPA method 300.0 (U.S. Environmental Protection Agency, 1983).

Water samples for analysis of organic acids were collected in sample-rinsed 40-mL amber glass bottles similar to the sample-collection method for BTEX. The organic acid samples were not chemically preserved, but were capped with Teflon-lined septa, and placed on ice. Samples were analyzed for acetate, formate, propionate, and isobutyrate by ion-exclusion chromatography using chemical suppression and conductivity detection (Bradley and others, 1993).

Water samples for analysis of lead and arsenic were collected in sample-rinsed 500-mL polyethylene bottles after passing through a 0.45- $\mu$ m porous-membrane filter. Samples were packed on ice and delivered to a commercial laboratory on the day of collection for analysis by USEPA methods 7060 and 7421 (U.S. Environmental Protection Agency, Office of Solid Waste, 1986).

Methane and dissolved inorganic carbon (DIC) samples were collected using a syringe to inject 5 mL of sample water through a 0.45- $\mu$ m porous-membrane filter into sealed septated vials. The syringe and vials were rinsed with filtered sample water prior to sampling. The samples were

packed in ice to minimize concentration changes due to microbial activity. Concentrations of methane in the head space were quantified by thermal-conductivity detection gas chromatography and converted to concentrations in water using Henry's Law coefficients (Stumm and Morgan, 1981). The DIC samples were acidified in the laboratory with a 42.5 percent phosphoric acid solution. Headspace carbon dioxide concentrations were quantified by thermal-conductivity detection gas chromatography. Dissolved inorganic carbon concentrations were then calculated using Henry's Law coefficients (Stumm and Morgan, 1981)

Laboratory alkalinity values were determined by end-point titration for seven samples collected on July 8, 1991. For water from all wells where a pH value and DIC concentration was determined (including the seven samples for which laboratory titrations were completed), alkalinity values were calculated using the formula (Stumm and Morgan, 1981):

$$[\text{Alkalinity}] = C(\alpha_1 + 2\alpha_2) + [\text{OH}^-] - [\text{H}^+], \quad (1)$$

where

C is the concentration of DIC,

$$\alpha_1 = \left( \frac{[\text{H}^+]}{K_1} + 1 + \frac{K_2}{[\text{H}^+]} \right)^{-1}$$

$$\alpha_2 = \left( \frac{[\text{H}^+]^2}{K_1 K_2} + \frac{[\text{H}^+]}{K_2} + 1 \right)^{-1}$$

$[\text{H}^+]$  is the activity of hydrogen ion,

$[\text{OH}^-]$  is the activity of hydroxyl ion, and

$K_1$  and  $K_2$  are equilibrium constants (Garrels and Christ, 1965).

For quality control and assurance, replicate samples for all analyses were collected and analyzed on at least 10 percent of the total number of individual analyses for each sample event. Replicate samples not showing analytical agreement were reanalyzed when possible. The vast majority of the wells were sampled using equipment dedicated to each respective well. In such cases, there was little or no potential for cross contamination. Thus, equipment blanks generally were not collected. Selected equipment blanks were collected in the few instances where sampling equipment was used for multiple wells.

Ground-water samples were collected for analysis of hydrogen gas using the bubble-strip method of Chapelle and McMahon (1991). A stream of water was pumped from the well through a gas-sampling bulb at an approximate rate of 600 mL per minute. An injected bubble of nitrogen in the bulb asymptotically collected hydrogen and other soluble gases until equilibrium was achieved. Once equilibrium was achieved (less than 5-percent change in 5 minutes, which typically occurred within 15 minutes of initiating the flow of water through the bulb), gas was extracted from the bulb using a gas-tight syringe. Hydrogen was measured on a gas chromatograph equipped with a reduction gas detector. The detection limit of this method for samples collected at this site varied between 0.1 and 0.5 nM. Hydrogen samples typically were not collected if the ground water at the well was aerobic. All hydrogen samples were collected in duplicate. Each duplicate was separately analyzed; however, hydrogen values were reported as average values. Differences between duplicate samples were typically less than 10 percent.

Water samples, including two replicates, were collected in July 1991, July 1992, and May 1993 from 17 wells located on and adjacent to the facility for the analysis of volatile-organic and extractable-organic compounds. This analysis provided a list of tentatively identified compounds in the water samples, an estimated concentration of each tentatively identified compound, and in some cases, a number that represents the probability that the compound was correctly identified. Volatile-organic samples were collected in 40-mL glass vials and preserved with hydrochloric acid. Extractable samples were collected in 1-L amber glass bottles and not chemically preserved. The volatile and extractable samples were placed on ice and delivered to a commercial laboratory on the day of collection for analysis by USEPA methods 8240 and 8270, respectively (U.S. Environmental Protection Agency, Office of Solid Waste, 1986).

### **Water-Level Measurements**

Water levels were measured in 97 surficial aquifer wells and at 4 surface-water sites located on the facility and adjacent properties. The data were used to characterize the shape and slope of the water-table surface in the study area and to record how this surface changed over time. Water levels were measured on a monthly basis in selected wells. The total number of water-level measurements each month varied during the study; however, all monthly measurements were made within an 8-hour period.

Water levels in the surficial aquifer also were measured by continuous water-level recorders (recorded at 15-minute intervals) in three 6-in. ID wells (W-103, W-107, and W-108) located on the facility (pl. 1). Elevations, relative to sea level, were determined for established measuring points at each well and surface-water site by differential leveling to provide a common datum. Depths to water from the measuring point were made using a weighted steel tape. At least two measurements were made in each well to ensure accuracy. Water-level measurements at surface-water sites were obtained using a stadia rod to determine the vertical distance from the water surface to the permanent measuring points. All measurements were corrected to sea level.

### **Lake-Bottom-Sediment Collection and Analysis**

Four lake-bottom sediment samples were collected from three locations in Gold Cup Springs Lake on February 8, 1994 (pl. 1). Two samples, identified as Outfall-1 and Input-2, were collected immediately downstream of stream outfalls. A replicate sample (Outfall-1R) was collected from a separate hole, located about 1.5-ft downstream from Outfall-1, because the

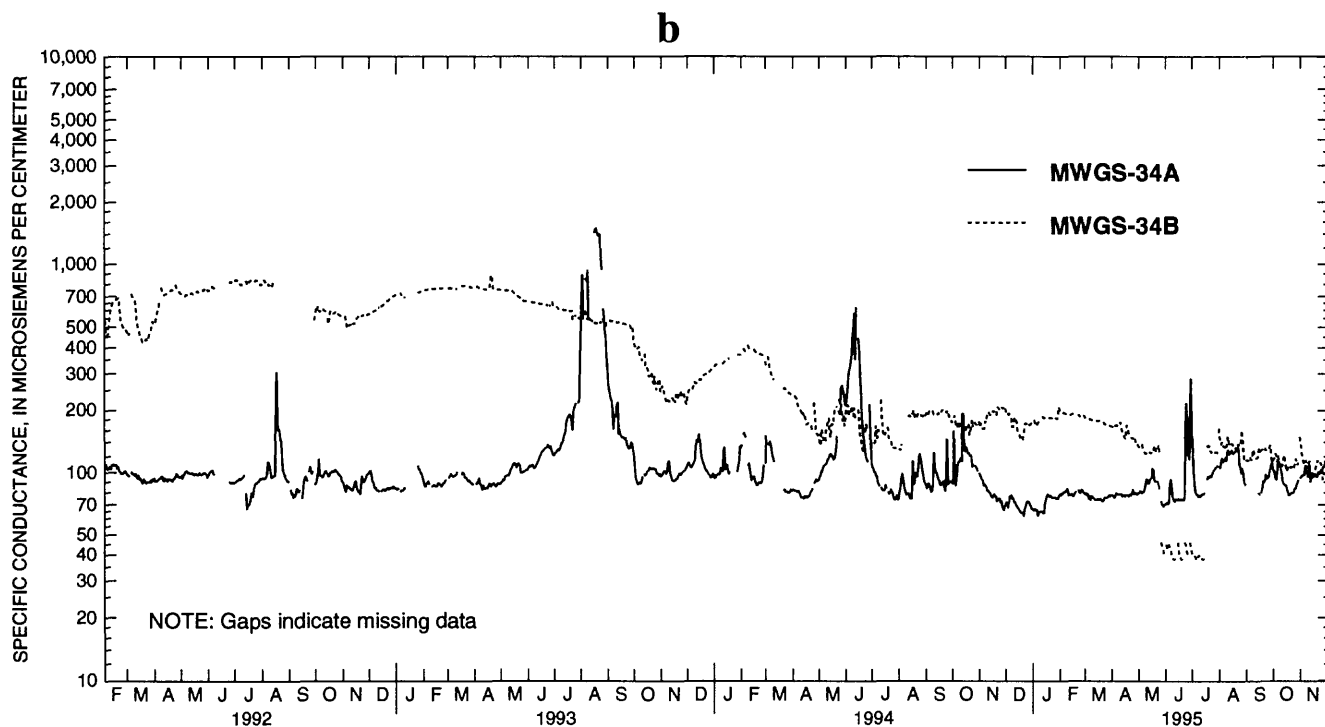
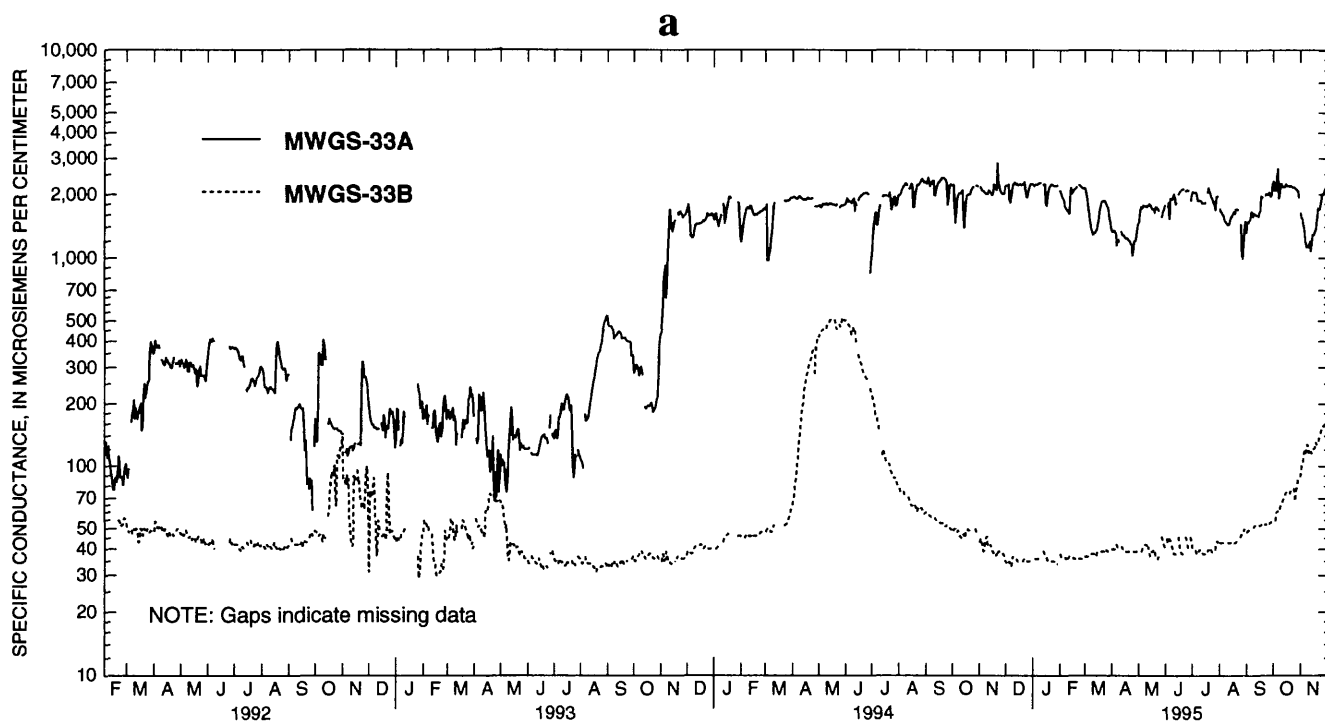
sample volume obtained at Outfall-1 was insufficient for splitting. Another sample, identified as Lake Center, was collected from approximately the middle of the lake and downstream from both outfalls. Samples were collected using a coring device that consisted of a 2-in. ID PVC coring tube with an internal water-tight plunger (smaller diameter inner rod with rubber O-ring at bottom). The bottom of the coring device was advanced through the lake-water column with the rubber seal of the internal plunger situated at the lip of the coring tube. The coring device was pushed through the accumulated mud at the bottom of the lake until a solid bottom was encountered. As the coring tube was hammered into the bottom sediments, the internal plunger remained in place at the top of the solid sediments. The coring tube was advanced approximately 1 ft into the bottom sediments. The device allowed sample collection with minimal influence from surface water. Care was taken to minimize lateral movement, which would result in the introduction of surface water into the cored hole.

Samples were extruded by the plunger and immediately placed into clean glass containers with Teflon-lined caps. Sediments were packed tightly into the containers to minimize trapped air space. The coring device was scrubbed with detergent and deionized water prior to collecting each sample. The samples were packed in ice and immediately transported to a commercial laboratory for analysis. Lake-bottom sediments were analyzed for various volatile-organic compounds using USEPA methods 8010 and 8020, extractable-organic compounds using USEPA method 8270, and metals using USEPA methods 6010 and 7471 (U.S. Environmental Protection Agency, Office of Solid Waste, 1986). The constituents analyzed and their detection limits are listed in table 3 (at end of report).

## **WATER-QUALITY DATA**

Water-quality data collected at the facility between December 1990 and January 1996 were separated into three groups: water-quality constituents and properties, organic water-chemistry data, and inorganic water-chemistry data (tables 4-6, at end of report). Water-quality constituent and property measurements in the field included the determination of dissolved oxygen, hydrogen, hydrogen sulfide, iron, and titrated alkalinity concentrations, pH, specific conductance, and water temperature. The organic data included concentrations of volatile-organic compounds (BTEX), extractable-organic compounds (TPH and naphthalene), TOC, methane, and organic acid compounds (formate, acetate, propionate, and isobutyrate). Inorganic data included concentrations of major ions, calculated alkalinity, DIC, and metals (arsenic and lead).

Continuous specific conductance data were recorded at 15-minute intervals for various periods of record for wells MWGS-33A, MWGS-33B, MWGS-34A, and MWGS-34B (pl. 1). Specific conductance data were recorded at well MWGS-33A between February 5, 1992 and December 5, 1995, and at well MWGS-33B between February 21, 1992 and December 4, 1995 (fig. 1). Specific conductance data were recorded at wells MWGS-34A and MWGS-34B between February 5, 1992 and December 5, 1995 (fig. 1).



**Figure 1.** Specific conductance in (a) wells MWGS-33A and MWGS-33B and (b) wells MWGS-34A and MWGS-34B at the Defense Fuel Supply Point, Hanahan, S.C., February 5, 1992 to December 5, 1995.



Results of the tentative identification of volatile- and extractable-organic compounds using comparison of mass spectral data are listed in table 7 (at end of report). These results list tentatively identified volatile- and extractable-organic compounds with probability numbers for identification that exceed 80 percent for the 19 water samples (includes 2 replicate samples) collected in 17 wells at or near the facility. Sample MWGS-20R was not analyzed for the volatile fraction of organic compounds. Methylene chloride found in analytical blanks associated with the samples from wells EW-05 and EW-07, collected in June 1992, and MWGS-40B and MWGS-40BR, collected in July 1992 may represent laboratory-induced contamination (Pete Ballou, General Engineering Laboratories, written commun., 1992).

Equipment blanks were collected for BTEX analyses as necessary. In most instances, individual BTEX compounds were not detected at concentrations exceeding the minimum detection limits of 2 µg/L for benzene, toluene, and ethylbenzene, and 4 µg/L for total xylenes (table 5). On January 12, 1994, an equipment blank collected prior to sampling well PW-01A was found to contain 9.1 µg/L benzene, 2.1 µg/L toluene, 2.5 µg/L ethylbenzene, and 7.3 µg/L total xylenes. However, concentrations of these compounds in water from well PW-01A were found to be below the minimum detection limits. On April 26, 1994, an equipment blank collected prior to sampling well PW-02 was found to contain 2.1 µg/L ethylbenzene (0.1 µg/L greater than the detection limit). The ethylbenzene concentration detected in the water sample from well PW-02 (240 µg/L), however, was significantly higher than that detected in the equipment blank. Wells for which equipment blanks were collected prior to sampling are denoted in table 5. In three instances when free product was encountered or gross contamination was suspected, equipment blanks were collected after decontamination of sampling equipment to ensure that cleaning techniques were adequate. Analytical results for these three equipment blanks indicated no BTEX concentrations above the minimum detection limits.

### **WATER-LEVEL DATA**

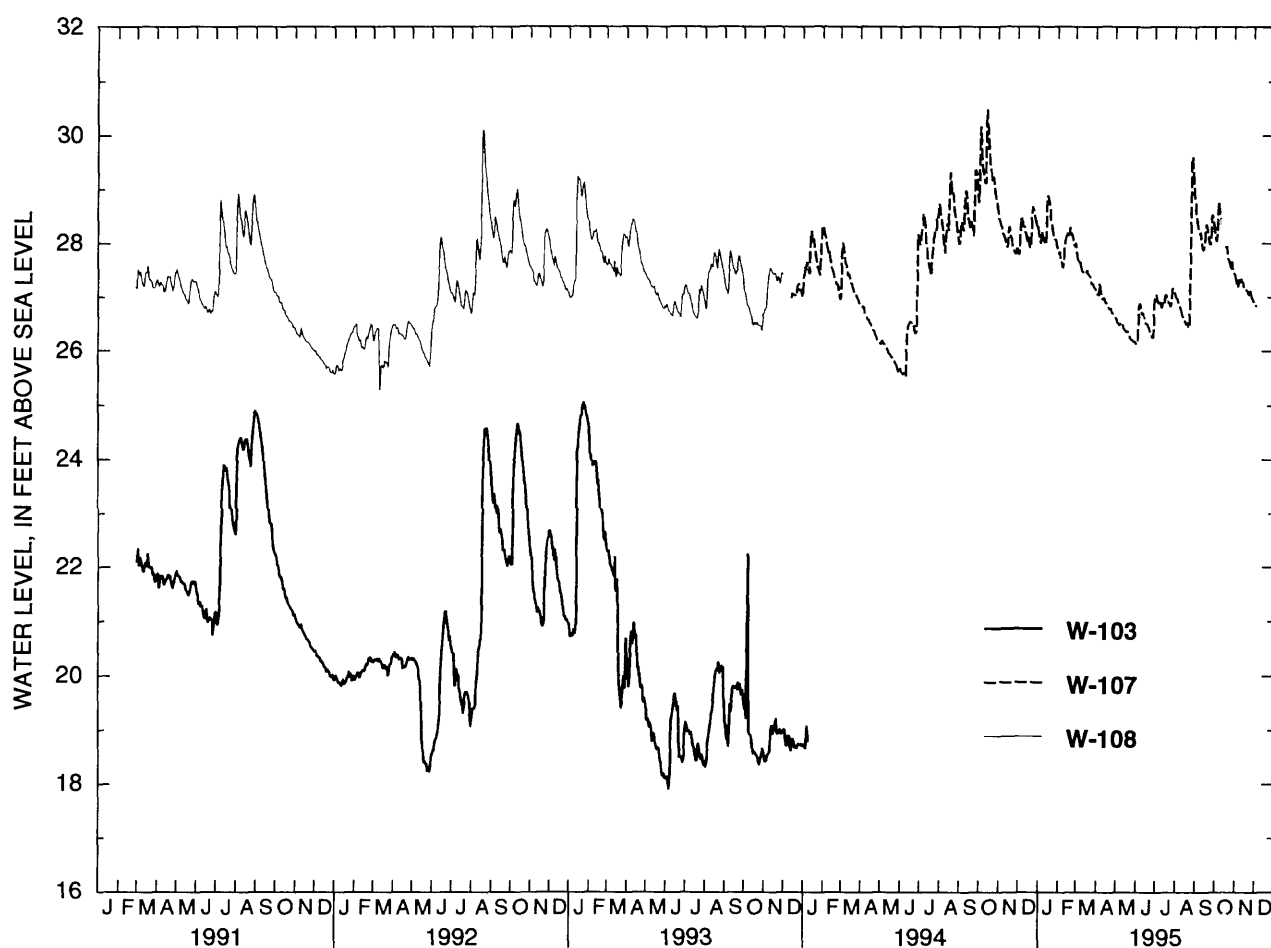
The water-level data from wells and surface-water sites located at or near the facility are presented in table 8 (at end of report). These data show the changing water-table conditions in the study area for 97 wells and 4 surface-water sites for the period of record between April 1991 and September 1995.

Continuous water-level data were recorded at 15-minute intervals for various periods of record for wells W-103, W-107, and W-108. Water-level data were recorded at well W-103 between February 28, 1991 and January 9, 1994, and at well W-108 between February 27, 1991 and November 30, 1993 (fig. 2). Continuous water-level monitoring was discontinued at both of these wells when free-phase petroleum was discovered floating on the water-table surface in the wells. Continuous water-level data were recorded at well W-107 from December 14, 1993 to December 5, 1995 (fig. 2).

### **LAKE-BOTTOM-SEDIMENT DATA**

All lake-bottom-sediment analyses for volatile organics, extractable organics, and metals resulted in the detection of the same compounds (table 9). Methylene chloride was the only volatile organic detected in the lake-bottom sediments. Methylene chloride was not found in

analytical blanks associated with these four samples (Karen Blakeney, General Engineering Laboratories, oral commun., 1996); and therefore, detection of this compound in these samples may indicate an actual presence in the lake-bottom sediments. Concentrations of this compound varied between 12 and 19  $\mu\text{g/kg}$  at the 3 sample locations. There were no extractable organics detected in any of the samples. Samples analyzed for metals produced detectable concentrations of chromium, lead, and zinc at all three sample locations. The concentrations of chromium and zinc were similar at each sample location, with values that varied between 2.5 and 7.8 mg/kg for chromium and between 5.4 and 14 mg/kg for zinc. The concentrations of lead determined for the three sample locations were 54, 3.5, 3.9, and 6.5 mg/kg for locations Outfall-1, Outfall-1R, Input-2, and Lake Center, respectively (pl. 1).



**Figure 2.** Hydrograph of wells W-103, W-107, and W-108 at the Defense Fuel Supply Point, Hanahan, S.C., February 27, 1991 to December 5, 1995.

## **SUMMARY**

This report presents the results of a study to monitor the changes in surface- and ground-water quality and water-table elevations in wells located on the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C. Fieldwork completed between December 1990 and January 1996 included drilling to obtain lithologic descriptions of the sediments of the surficial aquifer and to allow the installation of monitoring wells; collection of surface- and ground-water samples to delineate contaminated areas and to monitor temporal changes in the distribution of the contaminant plumes; measurement of water levels in wells and streams to determine the direction of ground-water flow; and collection of lake-bottom sediments to determine whether fuel-related contaminants were present.

Eighty-five monitoring wells and piezometers were installed at or near the DFSP facility by the USGS or under direction of the USGS. All wells were installed in the surficial aquifer from June 1990 to June 1994. Ninety-one wells and 13 surface-water sites located on and adjacent to the facility were sampled intermittently during this investigation. Water levels were measured monthly in 97 wells and at 4 surface-water sites located at or near the facility using a steel tape (wells) and a stadia rod (surface-water sites). Water levels in the surficial aquifer also were measured by continuous water-level recorders (recorded at 15-minute intervals) in three 6-in. ID wells located at the facility. Lake-bottom-sediment samples were collected from three locations in Gold Cup Springs Lake on February 8, 1994, and analyzed for volatile- and extractable-organic compounds and metals.

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TABLES 1-9

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**Table 1.**--Construction data for monitoring wells installed by the U.S. Geological Survey at the Defense Fuel Supply Point, Hanahan, S.C.

[All depths are relative to land surface; PVC, polyvinyl chloride; SS, stainless steel; each respective well cluster, MWGS-23, MWGS-24, MWGS-25, and MWGS-26, occupies a single borehole]

Well identification (plate 1)	Date completed	Boring diameter (inches)	Casing diameter (inches)	Casing material	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
MWGS-05A	06/21/90	8.25	2	PVC	28.0	18.0 - 28.0	16.0 - 28.0	13.5 - 16.0
MWGS-20	06/25/90	8.25	2	PVC	20.0	5.0 - 20.0	3.0 - 20.0	1.0 - 3.0
MWGS-21	06/25/90	8.25	2	PVC	20.0	5.0 - 20.0	3.0 - 20.0	1.0 - 3.0
MWGS-22	06/22/90	8.25	2	PVC	25.0	5.0 - 25.0	3.0 - 25.0	1.0 - 3.0
MWGS-23A	08/24/90	8	.25	SS	7.8	7.6 - 7.8	5.0 - 8.6	3.0 - 5.0
MWGS-23B	08/24/90	8	.25	SS	12.8	12.6 - 12.8	10.0 - 13.0	8.6 - 10.0
MWGS-23C	08/24/90	8	.25	SS	17.8	17.6 - 17.8	15.0 - 28.6	13.0 - 15.0
MWGS-23D	08/24/90	8	.25	SS	22.8	22.6 - 22.8	15.0 - 28.6	13.0 - 15.0
MWGS-23E	08/24/90	8	.25	SS	27.8	27.6 - 27.8	15.0 - 28.6	13.0 - 15.0
MWGS-24A	08/25/90	8	.25	SS	7.8	7.6 - 7.8	5.4 - 9.8	3.8 - 5.4
MWGS-24B	08/25/90	8	.25	SS	12.8	12.6 - 12.8	10.0 - 14.0	9.8 - 10.0
MWGS-24C	08/25/90	8	.25	SS	17.8	17.6 - 17.8	15.0 - 29.8	14.0 - 15.0
MWGS-24D	08/25/90	8	.25	SS	22.8	22.6 - 22.8	15.0 - 29.8	14.0 - 15.0
MWGS-24E	08/25/90	8	.25	SS	27.8	27.6 - 27.8	15.0 - 29.8	14.0 - 15.0
MWGS-25A	08/25/90	8	.25	SS	7.8	7.6 - 7.8	5.8 - 24.8	3.8 - 5.8
MWGS-25B	08/25/90	8	.25	SS	12.8	12.6 - 12.8	5.8 - 24.8	3.8 - 5.8

**Table 1.**---Construction data for monitoring wells installed by the U.S. Geological Survey at the Defense Fuel Supply Point, Hanahan, S.C.--Continued

[All depths are relative to land surface; PVC, polyvinyl chloride; SS, stainless steel; each respective well cluster, MWGS-23, MWGS-24, MWGS-25, and MWGS-26, occupies a single borehole]

Well identification (plate 1)	Date completed	Boring diameter (inches)	Casing diameter (inches)	Casing material	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
MWGS-25C	08/25/90	8	0.25	SS	17.8	17.6 - 17.8	5.8 - 24.8	3.8 - 5.8
MWGS-25D	08/25/90	8	.25	SS	22.8	22.6 - 22.8	5.8 - 24.8	3.8 - 5.8
MWGS-26A	08/25/90	8	.25	SS	7.8	7.6 - 7.8	5.8 - 29.8	3.8 - 5.8
MWGS-26B	08/25/90	8	.25	SS	12.8	12.6 - 12.8	5.8 - 29.8	3.8 - 5.8
MWGS-26C	08/25/90	8	.25	SS	17.8	17.6 - 17.8	5.8 - 29.8	3.8 - 5.8
MWGS-26D	08/25/90	8	.25	SS	22.8	22.6 - 22.8	5.8 - 29.8	3.8 - 5.8
MWGS-26E	08/25/90	8	.25	SS	27.8	27.6 - 27.8	5.8 - 29.8	3.8 - 5.8
MWGS-27A	07/24/91	5.5	1	PVC	13.8	10.3 - 13.3	8.0 - 13.8	5.9 - 8.0
MWGS-27B	07/24/91	5.5	1	PVC	16.5	15.2 - 16.0	14.5 - 16.5	12.0 - 14.5
MWGS-27C	07/24/91	5.5	1	PVC	23.0	1.0 - 22.0	17.0 - 23.0	13.9 - 17.0
MWGS-28A	07/24/91	5.5	1	PVC	16.5	12.5 - 16.0	10.5 - 16.5	8.5 - 10.5
MWGS-28B	07/24/91	5.5	1	PVC	23.0	21.0 - 22.0	19.0 - 23.0	16.0 - 19.0
MWGS-28C	07/24/91	5.5	1	PVC	15.5	13.5 - 15.0	10.0 - 16.0	8.0 - 10.0
MWGS-28D	07/24/91	5.5	1	PVC	20.5	18.5 - 19.5	14.7 - 21.0	11.8 - 14.7
MWGS-28E	07/24/91	5.5	1	PVC	25.5	23.5 - 24.5	15.0 - 26.0	12.0 - 15.0
MWGS-29A	09/11/91	8.25	2	PVC	18.0	7.0 - 17.0	4.0 - 18.0	2.0 - 4.0
MWGS-29B	09/11/91	8.25	2	PVC	21.2	18.7 - 20.7	18.3 - 21.2	16.3 - 18.3
MWGS-30A	09/11/91	8.25	2	PVC	16.6	6.0 - 16.0	4.0 - 16.6	1.9 - 4.0

**Table 1.**--Construction data for monitoring wells installed by the U.S. Geological Survey at the Defense Fuel Supply Point, Hanahan, S.C.--Continued

[All depths are relative to land surface; PVC, polyvinyl chloride; SS, stainless steel; each respective well cluster, MWGS-23, MWGS-24, MWGS-25, and MWGS-26, occupies a single borehole]

Well identification (plate 1)	Date completed	Boring diameter (inches)	Casing diameter (inches)	Casing material	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
MWGS-30B	09/11/91	8.25	2	PVC	21.5	19.0 - 21.0	17.8 - 21.5	16.3 - 17.8
MWGS-31A	10/22/91	8.5	2	PVC	14.5	4.5 - 14.5	3.5 - 14.5	1.5 - 3.5
MWGS-31B	10/22/91	8.5	2	PVC	25.0	20.0 - 25.0	19.0 - 25.0	17.0 - 19.0
MWGS-32A	12/18/91	8.5	2	PVC	14.5	4.5 - 14.5	3.5 - 14.5	1.5 - 3.5
MWGS-32B	12/18/91	8.5	2	PVC	20.7	15.7 - 20.7	13.0 - 20.7	10.8 - 13.0
MWGS-33A	12/18/91	8.5	2	PVC	14.5	4.5 - 14.5	2.5 - 14.5	1.0 - 2.5
MWGS-33B	12/18/91	8.5	2	PVC	21.0	16.0 - 21.0	14.0 - 21.0	11.0 - 14.0
MWGS-34A	12/18/91	8.5	2	PVC	15.0	5.0 - 15.0	3.5 - 15.0	1.5 - 3.5
MWGS-34B	12/18/91	8.5	2	PVC	21.0	16.0 - 21.0	14.0 - 21.0	12.0 - 14.0
MWGS-35	02/26/92	10.25	4	PVC	22.6	12.6 - 22.6	12.2 - 22.6	5.0 - 12.2
MWGS-36	02/25/92	10.25	4	PVC	18.0	8.0 - 18.0	6.0 - 19.5	1.5 - 6.0
MWGS-37	02/28/92	10.25	4	PVC	21.4	11.4 - 21.4	11.3 - 21.4	9.3 - 11.3
MWGS-38	02/28/92	10.25	4	PVC	24.2	14.2 - 24.2	13.9 - 24.4	11.8 - 13.9
MWGS-39	02/28/92	10.25	4	PVC	23.5	13.5 - 23.5	11.0 - 23.5	9.0 - 11.0
MWGS-40A	06/30/92	8.25	2	PVC	15.0	5.0 - 15.0	4.0 - 15.0	3.0 - 4.0
MWGS-40B	06/30/92	8.25	2	PVC	19.9	14.9 - 19.9	14.0 - 19.9	12.0 - 14.0
MWGS-41A	06/29/92	8.25	2	PVC	15.5	5.5 - 15.5	4.0 - 15.5	3.0 - 4.0
MWGS-41B	06/29/92	8.25	2	PVC	22.0	17.0 - 22.0	14.0 - 22.0	9.0 - 14.0



**Table 1.--Construction data for monitoring wells installed by the U.S. Geological Survey at the Defense Fuel Supply Point, Hanahan, S.C.--Continued**

[All depths are relative to land surface; PVC, polyvinyl chloride; SS, stainless steel; each respective well cluster, MWGS-23, MWGS-24, MWGS-25, and MWGS-26, occupies a single borehole]

Well identification (plate 1)	Date completed	Boring diameter (inches)	Casing diameter (inches)	Casing material	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
MWGS-42	06/20/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	0.0 - 18.0
MWGS-43	06/18/94	8.5	2	PVC	21.5	19.5 - 21.0	18.0 - 21.5	.0 - 18.0
MWGS-44	06/18/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-45	06/27/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
MWGS-46	06/27/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
MWGS-47	06/22/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-48	06/22/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-49	06/22/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-50	06/25/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-51	06/18/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-52	06/25/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0

**Table 1.**--Construction data for monitoring wells installed by the U.S. Geological Survey at the Defense Fuel Supply Point, Hanahan, S.C.--Continued

[All depths are relative to land surface; PVC, polyvinyl chloride; SS, stainless steel; each respective well cluster, MWGS-23, MWGS-24, MWGS-25, and MWGS-26, occupies a single borehole]

Well identification (plate 1)	Date completed	Boring diameter (inches)	Casing diameter (inches)	Casing material	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
MWGS-53	06/28/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	0.0 - 18.0
MWGS-54	06/28/94	8.5	2	PVC	21.5	19.5 - 21.0	18.0 - 21.5	.0 - 18.0
MWGS-55	06/24/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-56	06/28/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-57	06/28/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-58	06/29/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
MWGS-59	06/29/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
MWGS-60	06/29/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
MWGS-61	06/29/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
MWGS-62	06/23/94	8.5	2	PVC	23.0	19.0 - 20.5 21.0 - 22.5	18.0 - 23.0	.0 - 18.0
MWGS-63	06/25/94	8.5	2	PVC	23.0	19.0 - 23.0	18.0 - 23.0	.0 - 18.0
WT-1	02/12/91	4	2	PVC	5.7	3.2 - 5.2	2.0 - 5.7	1.0 - 2.0
WT-2	02/12/91	4	2	PVC	7.0	4.5 - 5.5	4.0 - 7.0	3.0 - 4.0

**Table 1.--Construction data for monitoring wells installed by the U.S. Geological Survey at the Defense Fuel Supply Point, Hanahan, S.C.--Continued**

[All depths are relative to land surface; PVC, polyvinyl chloride; SS, stainless steel; each respective well cluster, MWGS-23, MWGS-24, MWGS-25, and MWGS-26, occupies a single borehole]

Well identification (plate 1)	Date completed	Boring diameter (inches)	Casing diameter (inches)	Casing material	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
WT-3	02/13/91	4	2	PVC	5.2	2.7 - 4.7	2.0 - 5.2	1.0 - 2.0
WT-4	02/13/91	4	2	PVC	7.3	4.8 - 6.8	3.0 - 7.3	2.0 - 3.0
WT-5	02/13/91	4	2	PVC	9.9	7.4 - 9.4	5.0 - 9.9	3.0 - 5.0
WT-6	02/13/91	4	2	PVC	7.0	4.5 - 6.5	3.0 - 7.0	2.0 - 3.0
WT-7	02/21/91	4	2	PVC	6.5	4.0 - 6.0	3.0 - 6.5	2.0 - 3.0
WT-8	02/21/91	4	2	PVC	4.5	2.0 - 4.0	1.5 - 4.5	1.0 - 1.5
WT-9	02/21/91	4	2	PVC	4.5	2.0 - 4.0	1.5 - 4.5	1.0 - 1.5
WT-10	02/22/91	4	2	PVC	4.2	1.7 - 3.7	1.5 - 4.2	1.0 - 1.5
WT-11	09/13/91	4	2	PVC	11.4	8.9 - 10.9	4.0 - 11.5	2.0 - 4.0

**Table 2.--Construction data for privately owned wells and monitoring wells installed during previous investigations in the vicinity of the Defense Fuel Supply Point, Hanahan, S.C.**

[All depths are relative to land surface; ---, data not available; ft, foot; depths of W-series, B-series, and PW-series wells based on tapedown measurements]

Well identification (plate 1)	Boring diameter (inches)	Casing diameter (inches)	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
MW-04	5	2	26.0	6.0 - 26.0	4.4 - 28.5	3.3 - 4.4
MW-05	5	2	12.0	2.0 - 12.0	2.3 - 17.0	1.6 - 2.3
MW-06	5	2	21.7	1.7 - 21.7	2.0 - 22.0	.9 - 2.0
MW-07	5	2	18.0	8.0 - 18.0	7.5 - 18.5	5.3 - 7.5
MW-08	5	2	12.0	2.0 - 12.0	1.6 - 17.0	.8 - 1.6
MW-09	5	2	11.9	1.9 - 11.9	2.0 - 13.0	1.0 - 2.0
MW-10	5	2	12.0	2.0 - 12.0	2.2 - 13.0	1.0 - 2.2
MW-11	10	2	17.5	2.5 - 17.5	1.0 - 20.0	.0 - 1.0
MW-11A	10	2	34.0	26.5 - 31.5	23.0 - 34.0	22.0 - 23.0
MW-12	10	2	31.5	26.5 - 31.5	23.0 - 34.0	22.0 - 23.0
MW-12A	10	2	17.0	7.0 - 17.0	5.0 - 19.5	3.0 - 5.0
MW-15	10	2	15.0	5.0 - 15.0	3.0 - 17.5	2.0 - 3.0
MW-16	10	2	13.5	3.5 - 13.5	1.5 - 15.0	.0 - 1.5
MW-17	10	2	15.0	5.0 - 15.0	3.0 - 17.5	1.0 - 3.0
MW-18	10	2	19.0	9.0 - 19.0	7.0 - 19.5	4.5 - 7.0
MW-19	10	2	20.0	9.5 - 19.5	6.5 - 20.0	4.8 - 6.5

**Table 2.--Construction data for privately owned wells and monitoring wells installed during previous investigations in the vicinity of the Defense Fuel Supply Point, Hanahan, S.C.--Continued**

[All depths are relative to land surface; ---, data not available; ft, foot; depths of W-series, B-series, and PW-series wells based on tapdown measurements]

Well identification (plate 1)	Boring diameter (inches)	Casing diameter (inches)	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
W-001	---	2	19.5	---	---	---
W-002	---	2	14.0	---	---	---
W-003	---	2	28.0	---	---	---
W-103	10	6	35.0	30-ft length	---	---
W-105	10	2	21.3	---	---	---
W-107	10	6	29.4	---	---	---
W-108	10	6	34.5	30-ft length	---	---
B-102	10	6	33.2	30-ft length	---	---
B-103	10	6	33.2	30-ft length	---	---
B-105	10	6	34.1	30-ft length	---	---
B-106	10	6	34.1	30-ft length	---	---
B-109	10	6	33.3	30-ft length	---	---
PW-01A	---	1.5	16.5	---	---	---
PW-01B	---	1.5	17.9	---	---	---
PW-02	---	1.5	15.0	---	---	---
PW-05	---	1.5	19.4	---	---	---
NWS-12-1	---	2	20.0	15.0 - 20.0	13.0 - 20.0	---
NWS-12-2	---	2	18.0	13.0 - 18.0	11.0 - 18.0	---

**Table 2.--Construction data for privately owned wells and monitoring wells installed during previous investigations in the vicinity of the Defense Fuel Supply Point, Hanahan, S.C.--Continued**

[All depths are relative to land surface; ---, data not available; ft, foot; depths of W-series, B-series, and PW-series wells based on tapedown measurements]

Well identification (plate 1)	Boring diameter (inches)	Casing diameter (inches)	Total casing depth (feet)	Screened interval (depth in feet)	Gravel-pack interval (depth in feet)	Bentonite interval (depth in feet)
NWS-12-3	---	2	12.0	7.0 - 12.0	5.0 - 12.0	---
NWS-12-4	---	2	13.0	8.0 - 13.0	6.0 - 13.0	---
NWS-12-5	---	2	13.0	8.0 - 13.0	6.0 - 13.0	---
NWS-12-7	---	2	38.0	8.0 - 38.0	5.0 - 38.0	3.0 - 5.0

**Table 3.**--Analytical detection limits for volatile-organic, extractable-organic, and metal analyses determined for lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994

[All organic compound detection-limit concentrations are reported in micrograms per kilogram ( $\mu\text{g/kg}$ ); all metal detection-limit concentrations are reported in milligrams per kilogram ( $\text{mg/kg}$ ); PCB, polychlorinated biphenyls; BHC, benzene hexachloride]

Constituent	Detection limit
Volatile organics <sup>1</sup>	
1,1,1-Trichloroethane	10.0
1,1,2,2-Tetrachloroethane	10.0
1,1,2-Trichloroethane	10.0
1,1-Dichloroethane	10.0
1,1-Dichloroethylene	10.0
1,2-Dichlorobenzene	10.0
1,2-Dichloroethane	10.0
1,2-Dichloropropane	10.0
1,2-trans-Dichloroethylene	10.0
1,3-Dichlorobenzene	10.0
1,4-Dichlorobenzene	10.0
2-Chloroethyl vinyl ether	10.0
Benzene	10.0
Bromoform	10.0
Carbon tetrachloride	10.0
Chlorobenzene	10.0
Chlorodibromomethane	10.0
Chloroethane	10.0
Chloroform	10.0
Dichlorobromomethane	10.0
Dichlorodifluoromethane	10.0
Ethylbenzene	10.0
Methyl bromide	10.0
Methyl chloride	10.0

**Table 3.--Analytical detection limits for volatile-organic, extractable-organic, and metal analyses determined for lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994**  
--Continued

[All organic compound detection-limit concentrations are reported in micrograms per kilogram ( $\mu\text{g/kg}$ ); all metal detection-limit concentrations are reported in milligrams per kilogram ( $\text{mg/kg}$ ); PCB, polychlorinated biphenyls; BHC, benzene hexachloride]

Constituent	Detection limit
Methylene chloride	10.0
Tetrachloroethylene	10.0
Toluene	10.0
Trichloroethylene	10.0
Trichlorofluoromethane	10.0
Vinyl chloride	10.0
cis-1,3-Dichloropropylene	10.0
trans-1,3-Dichloropropylene	10.0
Extractable organics <sup>2</sup> (Priority pollutant acid)	
2,4,6-Trichlorophenol	6,540
2,4-Dichlorophenol	6,540
2,4-Dimethylphenol	6,540
2,4-Dinitrophenol	13,100
2-Chlorophenol	6,540
2-Nitrophenol	6,540
2-Methyl-4,6-dinitrophenol	6,540
4-Nitrophenol	124,000
4-Chloro-3-methylphenol	6,540
Pentachlorophenol	6,540
Phenol	6,540
Extractable organics <sup>2</sup> (Priority pollutant base/neutral)	
1,2,4-Trichlorobenzene	6,540
1,2-Diphenylhydrazine	13,100
2,4-Dinitrotoluene	6,540



**Table 3.**--Analytical detection limits for volatile-organic, extractable-organic, and metal analyses determined for lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994  
--Continued

[All organic compound detection-limit concentrations are reported in micrograms per kilogram ( $\mu\text{g/kg}$ ); all metal detection-limit concentrations are reported in milligrams per kilogram ( $\text{mg/kg}$ ); PCB, polychlorinated biphenyls; BHC, benzene hexachloride]

Constituent	Detection limit
2,6-Dinitrotoluene	6,540
2-Chloronaphthalene	6,540
3,3'-Dichlorobenzidine	13,100
4,4'-Dichlorodiphenyldichloroethane (DDD)	13,100
4,4'-Dichlorodiphenyldichloroethylene (DDE)	13,100
4,4'-Dichlorodiphenyltrichloroethane (DDT)	13,100
4-Bromophenyl phenyl ether	13,100
4-Chlorophenyl phenyl ether	6,540
Acenaphthene	6,540
Acenaphthalene	6,540
Aldrin	22,000
Anthracene	6,540
Benzidine	13,100
Benzo(a)anthracene	6,540
Benzo(a)pyrene	6,540
Benzo(b)fluoranthene	12,200
Benzo(ghi)perylene	6,540
Benzo(k)fluoranthene	16,400
Butyl benzyl phthalate	6,540
Chlordane	13,100
Chrysene	13,100
Di-n-butyl phthalate	13,100
Di-n-octyl phthalate	13,100
Dibenzo(a,h)anthracene	6,540
Dieldrin	23,900
Diethyl phthalate	6,540

**Table 3.**--Analytical detection limits for volatile-organic, extractable-organic, and metal analyses determined for lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994  
--Continued

[All organic compound detection-limit concentrations are reported in micrograms per kilogram ( $\mu\text{g/kg}$ ); all metal detection-limit concentrations are reported in milligrams per kilogram ( $\text{mg/kg}$ ); PCB, polychlorinated biphenyls; BHC, benzene hexachloride]

Constituent	Detection limit
Dimethyl phthalate	6,540
Endosulfan I	13,100
Endosulfan II	13,100
Endosulfan sulfate	13,100
Endrin	24,600
Endrin aldehyde	44,700
Fluoranthene	6,540
Fluorene	6,540
Heptachlor	29,200
Heptachlor epoxide	13,100
Hexachlorobenzene	6,540
Hexachlorobutadiene	6,540
Hexachlorocyclopentadiene	14,300
Hexachloroethane	6,540
Indeno(1,2,3-c,d)pyrene	13,100
Isophorone	6,540
N-Nitrosodimethylamine	6,540
N-Nitrosodiphenylamine	13,100
N-Nitrosodipropylamine	6,540
Naphthalene	6,540
Nitrobenzene	6,540
PCB-1016	13,100
PCB-1221	13,100
PCB-1232	13,100
PCB-1242	13,100
PCB-1248	13,100

**Table 3.--Analytical detection limits for volatile-organic, extractable-organic, and metal analyses determined for lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994**  
**--Continued**

[All organic compound detection-limit concentrations are reported in micrograms per kilogram ( $\mu\text{g/kg}$ ); all metal detection-limit concentrations are reported in milligrams per kilogram ( $\text{mg/kg}$ ); PCB, polychlorinated biphenyls; BHC, benzene hexachloride]

Constituent	Detection limit
PCB-1254	13,100
PCB-1260	13,100
Phenanthrene	6,540
Pyrene	6,540
Toxaphene	13,100
alpha-BHC	13,100
beta-BHC	13,100
bis(2-Chloroethoxy)methane	6,540
bis(2-Chloroethyl)ether	6,540
bis(2-Chloroisopropyl)ether	6,540
bis(2-Ethylhexyl)phthalate	13,100
delta-BHC	13,100
gamma-BHC	37,700
<b>Metals<sup>3</sup></b>	
Antimony	2.50
Arsenic	2.50
Beryllium	2.50
Cadmium	2.50
Chromium	2.50
Copper	2.50
Lead	2.50
Mercury	0.200
Nickel	2.50
Selenium	2.50

**Table 3.**--Analytical detection limits for volatile-organic, extractable-organic, and metal analyses determined for lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994  
--Continued

[All organic compound detection-limit concentrations are reported in micrograms per kilogram ( $\mu\text{g/kg}$ ); all metal detection-limit concentrations are reported in milligrams per kilogram ( $\text{mg/kg}$ ); PCB, polychlorinated biphenyls; BHC, benzene hexachloride]

Constituent	Detection limit
Silver	2.50
Thallium	2.50
Zinc	2.50

<sup>1</sup>U.S. Environmental Protection Agency Methods 8010 and 8020.

<sup>2</sup>U.S. Environmental Protection Agency Method 8270.

<sup>3</sup>U.S. Environmental Protection Agency Methods 6010 and 7471.

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
DW-1	01/21/92	---	---	---	---	---	8.25	2,100	21.7	---	
DW-1	02/28/94	1416	<1.0	---	0.58	0.8	7.87	---	21.1	---	
DW-1	11/03/94	---	<1.0	---	---	---	---	---	---	---	
DW-1	01/11/95	---	<1.0	---	---	---	---	---	---	---	
DW-1	02/01/95	1713	<1.0	---	---	---	8.17	---	21.4	---	
DW-1	04/12/95	1600	<1.0	---	---	---	---	---	---	---	
DW-1	06/22/95	---	---	---	<1.3	---	8.11	---	23.7	---	
DW-1	08/02/95	1500	<1.0	---	---	---	---	---	---	---	
EW-01	06/27/91	1400	<1.0	---	---	20	6.30	---	21.5	140	
EW-01	05/15/92	1213	---	---	---	---	6.22	---	---	---	
EW-01	06/09/92	1140	<1.0	---	---	---	6.39	---	23.5	---	
EW-01	07/08/92	1619	<1.0	---	---	17	6.57	---	22.5	---	
EW-01	08/12/92	1030	<1.0	---	---	---	6.08	---	---	---	
EW-01	09/03/92	0900	<1.0	---	---	---	6.61	---	28.0	---	
EW-01	10/06/92	1020	<1.0	---	---	---	6.72	---	27.5	---	
EW-01	11/02/92	1450	<1.0	---	---	---	6.44	---	25.5	---	
EW-01	12/18/92	1100	<1.0	---	---	---	6.56	---	---	---	
EW-01	01/08/93	0955	<1.0	---	---	19	6.23	---	---	---	
EW-01	02/17/93	1040	<1.0	---	---	20	6.21	---	25.5	---	
EW-01	03/18/93	1025	<1.0	---	---	20	---	---	22.0	---	
EW-01	04/07/93	0740	<1.0	---	---	21	6.30	---	21.2	---	
EW-01	05/13/93	1030	<1.0	---	---	22	6.42	---	22.0	---	
EW-01	07/01/93	0747	<1.0	---	---	19	6.36	---	23.7	---	
EW-01	08/04/93	1000	<1.0	---	---	---	6.38	---	25.4	---	
EW-01	09/14/93	1100	---	---	---	---	6.35	---	25.8	---	
EW-01	10/15/93	1000	---	---	---	---	6.46	---	25.1	---	

**Table 4.** --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-01	11/18/93	1040	---	---	---	---	6.30	---	25.3	---	
EW-01	12/13/93	1005	---	---	---	---	6.00	---	22.0	---	
EW-01	01/13/94	1000	<1.0	---	---	---	6.40	---	22.7	---	
EW-01	02/03/94	1030	---	---	---	---	6.12	---	23.1	---	
EW-01	03/03/94	1025	---	---	---	---	6.21	---	19.6	---	
EW-01	04/27/94	1550	---	---	---	---	6.75	---	23.4	---	
EW-01	05/23/94	1030	---	---	---	---	6.12	---	23.9	---	
EW-01	06/22/94	1140	---	---	---	---	6.55	---	24.9	---	
EW-01	07/15/94	0830	---	---	---	---	6.54	---	24.4	---	
EW-01	08/23/94	1115	---	---	---	---	6.01	---	26.3	---	
EW-01	09/20/94	1140	---	---	---	---	5.85	---	25.8	---	
EW-01	11/03/94	0845	---	---	---	---	6.89	---	26.0	---	
EW-01	11/30/94	1045	---	---	---	---	6.71	---	23.5	---	
EW-01	12/20/94	1120	---	---	---	---	6.53	---	24.5	---	
EW-01	01/31/95	1535	---	---	---	---	6.43	---	22.7	---	
EW-01	02/28/95	1510	---	---	---	---	6.40	---	22.8	---	
EW-01	03/21/95	1002	---	---	---	---	6.33	---	22.9	---	
EW-01	04/11/95	1510	---	---	---	---	6.25	---	23.0	---	
EW-01	05/11/95	1640	---	---	---	---	6.23	---	24.6	---	
EW-01	06/14/95	1318	---	---	---	---	6.27	---	26.9	---	
EW-01	08/01/95	1445	---	---	---	---	6.24	---	29.0	---	
EW-01	08/31/95	1455	---	---	---	---	6.03	---	28.5	---	
EW-01	09/27/95	1100	---	---	---	---	5.90	---	27.9	---	
EW-02	06/28/91	1820	<1.0	---	---	18	6.49	---	21.8	430	
EW-02	05/15/92	1220	---	---	---	---	6.55	---	---	---	
EW-02	06/09/92	1225	<1.0	---	---	---	6.48	---	22.1	---	
EW-02	07/08/92	1700	<1.0	---	---	13	6.78	---	21.5	---	
EW-02	08/12/92	1100	<1.0	---	---	---	6.72	---	---	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-02	09/03/92	0945	<1.0	---	---	---	6.62	---	22.5	---	
EW-02	10/06/92	1115	<1.0	---	---	---	6.59	---	24.0	---	
EW-02	11/02/92	1520	<1.0	---	---	---	6.59	---	22.0	---	
EW-02	12/18/92	1110	<1.0	---	---	---	6.63	---	---	---	
EW-02	01/08/93	1043	<1.0	---	---	8.4	6.72	---	---	---	
EW-02	02/17/93	1110	<1.0	---	---	12	6.46	---	24.0	---	
EW-02	03/18/93	1053	<1.0	---	---	7.5	---	---	21.0	---	
EW-02	04/07/93	0805	<1.0	---	---	6.2	6.79	---	20.6	---	
EW-02	05/13/93	1045	<1.0	---	---	5.5	6.82	---	21.5	---	
EW-02	06/08/93	1015	---	---	---	4.5	6.84	---	22.5	---	
EW-02	07/01/93	0810	<1.0	---	---	5.5	6.75	---	23.1	---	
EW-02	08/04/93	1025	<1.0	---	---	---	6.52	---	24.4	---	
EW-02	09/14/93	1120	---	---	---	---	6.60	---	24.4	---	
EW-02	10/15/93	1025	---	---	---	---	6.77	---	23.4	---	
EW-02	11/18/93	1100	---	---	---	---	6.52	---	22.0	---	
EW-02	12/13/93	1030	---	---	---	---	6.45	---	22.6	---	
EW-02	01/13/94	1013	<1.0	---	---	---	6.80	---	21.3	---	
EW-02	02/03/94	1045	---	---	---	---	6.12	---	21.9	---	
EW-02	03/03/94	1045	---	---	---	---	6.53	---	19.7	---	
EW-02	04/27/94	1607	---	---	---	---	6.59	---	22.6	---	
EW-02	05/23/94	1100	---	---	---	---	6.23	---	24.0	---	
EW-02	06/22/94	1200	---	---	---	---	6.78	---	23.7	---	
EW-02	07/15/94	0850	---	---	---	---	6.74	---	22.7	---	
EW-02	08/23/94	1145	---	---	---	---	6.53	---	24.0	---	
EW-02	09/20/94	1155	---	---	---	---	6.37	---	24.5	---	
EW-02	11/03/94	0900	---	---	---	---	6.70	---	21.1	---	
EW-02	11/30/94	1140	---	---	---	---	6.30	---	22.6	---	
EW-02	12/20/94	1130	---	---	---	---	6.80	---	23.3	---	
EW-02	01/31/95	1545	---	---	---	---	6.54	---	20.6	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate I)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-02	02/28/95	1500	---	---	---	---	6.62	---	22.0	---	
EW-02	03/21/95	1015	---	---	---	---	6.52	---	22.5	---	
EW-02	04/11/95	1535	---	---	---	---	6.60	---	24.9	---	
EW-02	05/11/95	1630	---	---	---	---	6.44	---	24.4	---	
EW-02	06/14/95	1330	---	---	---	---	6.65	---	23.3	---	
EW-02	08/01/95	1440	---	---	---	---	6.53	---	26.9	---	
EW-02	08/31/95	1510	---	---	---	---	6.46	---	26.0	---	
EW-02	09/27/95	1110	---	---	---	---	6.29	---	26.3	---	
EW-03	06/28/91	1040	1.6	---	---	1.1	5.81	---	22.1	24	
EW-03	05/15/92	1228	---	---	---	---	6.41	---	---	---	
EW-03	06/09/92	1400	<1.0	---	---	---	6.58	---	21.7	---	
EW-03	07/08/92	1740	<1.0	---	---	1.5	6.42	---	21.0	---	
EW-03	08/12/92	1130	<1.0	---	---	---	6.94	---	---	---	
EW-03	11/06/92	1340	1.5	---	---	---	6.41	---	---	---	
EW-03	01/08/93	1055	1.3	---	---	1.3	6.46	---	22.0	---	
EW-03	04/07/93	1135	2.4	---	---	1.1	5.89	---	19.7	---	
EW-04	06/28/91	1106	<1.0	---	---	3.0	6.39	---	22.1	93	
EW-04	05/15/92	1236	---	---	---	---	6.62	---	---	---	
EW-04	06/09/92	1600	<1.0	---	---	---	6.40	---	24.5	---	
EW-04	07/10/92	1118	<1.0	---	---	2.8	6.55	---	21.0	---	
EW-04	08/12/92	1200	<1.0	---	---	---	6.59	---	---	---	
EW-04	11/06/92	1347	<1.0	---	---	---	6.56	---	---	---	
EW-04	01/08/93	1100	<1.0	---	---	3.6	6.82	---	22.5	---	
EW-04	04/07/93	1150	<1.0	---	---	2.7	6.67	---	20.5	---	
EW-05	06/28/91	1300	<1.0	---	---	20	6.20	---	21.0	91	
EW-05	05/15/92	1243	---	---	---	---	6.42	---	---	---	



**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-05	06/09/92	1640	<1.0	---	---	---	6.31	---	21.5	---	
EW-05	07/09/92	1025	<1.0	---	---	5.1	6.11	---	23.0	---	
EW-05	08/12/92	1326	<1.0	---	---	---	6.39	---	---	---	
EW-05	09/03/92	1013	<1.0	---	---	---	6.49	---	23.6	---	
EW-05	10/06/92	1137	<1.0	---	---	---	6.29	---	26.0	---	
EW-05	11/02/92	1528	<1.0	---	---	---	6.12	---	25.5	---	
EW-05	12/18/92	1135	<1.0	---	---	---	6.85	---	---	---	
EW-05	01/11/93	1115	<1.0	---	---	3.6	6.79	---	---	---	
EW-05	02/17/93	1136	<1.0	---	---	4.8	6.26	---	23.0	---	
EW-05	03/18/93	1115	<1.0	---	---	4.8	---	---	22.0	---	
EW-05	04/07/93	0830	<1.0	---	---	5.2	6.09	---	20.2	---	
EW-05	08/04/93	1035	<1.0	---	---	---	6.23	---	23.2	---	
EW-05	09/14/93	1150	---	---	---	---	6.12	---	24.9	---	
EW-05	10/15/93	1030	---	---	---	---	6.61	---	22.0	---	
EW-05	11/18/93	1610	---	---	---	---	6.26	---	23.8	---	
EW-05	12/13/93	1100	---	---	---	---	6.22	---	22.8	---	
EW-05	01/13/94	1025	<1.0	---	---	---	6.54	---	20.1	---	
EW-05	02/03/94	1105	---	---	---	---	6.12	---	21.1	---	
EW-05	03/03/94	1100	---	---	---	---	6.27	---	21.0	---	
EW-05	04/27/94	1625	---	---	---	---	6.37	---	22.5	---	
EW-05	05/23/94	1115	---	---	---	---	6.11	---	23.3	---	
EW-05	06/22/94	1220	---	---	---	---	6.20	---	24.5	---	
EW-05	07/15/94	0910	---	---	---	---	6.16	---	23.1	---	
EW-05	08/23/94	1200	---	---	---	---	6.13	---	23.7	---	
EW-05	09/20/94	1305	---	---	---	---	6.15	---	24.1	---	
EW-05	11/03/94	0915	---	---	---	---	6.51	---	23.5	---	
EW-05	11/30/94	1200	---	---	---	---	6.53	---	24.3	---	
EW-05	12/20/94	1145	---	---	---	---	6.34	---	25.4	---	
EW-05	01/31/95	1555	---	---	---	---	6.02	---	24.5	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-05	02/28/95	1455	---	---	---	---	6.15	---	22.8	---	
EW-05	03/21/95	1030	---	---	---	---	6.10	---	22.8	---	
EW-05	04/12/95	1505	---	---	---	---	6.15	---	23.5	---	
EW-05	05/11/95	1605	---	---	---	---	6.18	---	24.5	---	
EW-05	06/14/95	1340	---	---	---	---	6.22	---	23.9	---	
EW-05	08/02/95	1000	---	---	---	---	6.16	---	25.7	---	
EW-05	08/31/95	1520	---	---	---	---	6.02	---	26.8	---	
EW-05	09/27/95	1130	---	---	---	---	6.02	---	26.0	---	
EW-06	06/28/91	1455	<1.0	---	---	5.6	6.28	---	20.1	86	
EW-06	05/15/92	1304	---	---	---	---	6.34	---	---	---	
EW-06	06/10/92	1014	<1.0	---	---	---	6.02	---	21.5	---	
EW-06	07/10/92	0830	<1.0	---	---	7.8	6.52	---	20.0	---	
EW-06	08/12/92	1331	<1.0	---	---	---	6.44	---	---	---	
EW-06	09/03/92	1026	<1.0	---	---	---	6.43	---	23.5	---	
EW-06	10/06/92	1155	<1.0	---	---	---	6.25	---	23.1	---	
EW-06	11/02/92	1540	<1.0	---	---	---	6.33	---	24.0	---	
EW-06	12/18/92	1200	<1.0	---	---	---	6.74	---	---	---	
EW-06	01/11/93	1050	<1.0	---	---	5.7	6.34	---	---	---	
EW-06	02/17/93	1150	<1.0	---	---	9.4	6.32	---	22.5	---	
EW-06	03/18/93	1132	<1.0	---	---	9.0	---	---	22.0	---	
EW-06	04/07/93	0900	<1.0	---	---	9.6	6.20	---	19.7	---	
EW-06	05/13/93	1100	<1.0	---	---	9.6	6.18	---	20.5	---	
EW-06	06/08/93	1040	<1.0	---	---	8.8	6.36	---	22.0	---	
EW-06	08/04/93	1100	<1.0	---	---	---	6.11	---	23.2	---	
EW-06	09/14/93	1205	---	---	---	---	6.18	---	23.8	---	
EW-06	10/15/93	1045	---	---	---	---	6.41	---	23.0	---	
EW-06	11/18/93	1130	---	---	---	---	6.21	---	23.5	---	
EW-06	12/13/93	1125	---	---	---	---	6.22	---	22.0	---	

**Table 4. --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-06	01/13/94	1050	<1.0	---	---	---	6.41	---	20.6	---	
EW-06	02/03/94	1120	---	---	---	---	6.00	---	22.5	---	
EW-06	03/03/94	1115	---	---	---	---	6.31	---	19.0	---	
EW-06	04/27/94	1635	---	---	---	---	6.36	---	21.9	---	
EW-06	05/23/94	1125	---	---	---	---	5.94	---	22.4	---	
EW-06	06/22/94	1330	---	---	---	---	6.20	---	23.8	---	
EW-06	07/15/94	0930	---	---	---	---	6.12	---	22.8	---	
EW-06	08/23/94	1220	---	---	---	---	6.06	---	25.7	---	
EW-06	09/20/94	1320	---	---	---	---	6.09	---	23.0	---	
EW-06	11/03/94	0930	---	---	---	---	6.42	---	23.9	---	
EW-06	11/30/94	1215	---	---	---	---	6.51	---	22.6	---	
EW-06	12/20/94	1200	---	---	---	---	6.17	---	23.9	---	
EW-06	01/31/95	1607	---	---	---	---	6.18	---	22.3	---	
EW-06	02/28/95	1440	---	---	---	---	6.37	---	23.3	---	
EW-06	03/21/95	1045	---	---	---	---	6.16	---	23.4	---	
EW-06	04/12/95	1225	---	---	---	---	6.24	---	23.3	---	
EW-06	05/11/95	1545	---	---	---	---	6.30	---	23.5	---	
EW-06	06/14/95	1340	---	---	---	---	6.12	---	23.7	---	
EW-06	08/02/95	0945	---	---	---	---	6.15	---	25.7	---	
EW-06	08/31/95	1530	---	---	---	---	5.93	---	26.5	---	
EW-06	09/27/95	1140	---	---	---	---	6.01	---	24.4	---	
EW-07	06/28/91	1539	<1.0	---	---	25	6.17	---	21.0	58	
EW-07	05/15/92	1310	---	---	---	---	6.26	---	---	---	
EW-07	06/10/92	1030	<1.0	---	---	---	6.49	---	22.0	---	
EW-07	07/10/92	0840	<1.0	---	---	4.8	6.60	---	21.5	---	
EW-07	08/12/92	1340	<1.0	---	---	---	6.43	---	---	---	
EW-07	09/03/92	1052	<1.0	---	---	---	6.53	---	25.5	---	
EW-07	10/06/92	1215	<1.0	---	---	---	6.31	---	26.5	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-07	11/02/92	1600	<1.0	---	---	---	6.32	---	28.0	---	
EW-07	12/18/92	1215	<1.0	---	---	---	6.46	---	---	---	
EW-07	01/11/93	1135	<1.0	---	---	5.0	6.21	---	---	---	
EW-07	02/17/93	1215	<1.0	---	---	7.4	6.19	---	24.5	---	
EW-07	03/18/93	1145	<1.0	---	---	6.0	---	---	23.0	---	
EW-07	04/07/93	0935	<1.0	---	---	4.5	6.08	---	20.0	---	
EW-07	05/13/93	1120	<1.0	---	---	4.6	6.15	---	20.5	---	
EW-07	06/08/93	1100	<1.0	---	---	3.9	6.27	---	21.0	---	
EW-07	07/01/93	0830	<1.0	---	---	4.6	6.34	---	21.6	---	
EW-07	08/04/93	1120	<1.0	---	---	---	6.06	---	23.0	---	
EW-07	09/14/93	1220	---	---	---	---	6.07	---	24.4	---	
EW-07	10/15/93	1055	---	---	---	---	6.29	---	23.4	---	
EW-07	11/18/93	1140	---	---	---	---	6.11	---	23.9	---	
EW-07	12/13/93	1200	---	---	---	---	6.15	---	23.4	---	
EW-07	01/13/94	1120	<1.0	---	---	---	6.29	---	22.0	---	
EW-07	02/03/94	1130	---	---	---	---	5.98	---	23.4	---	
EW-07	03/03/94	1130	---	---	---	---	6.09	---	19.0	---	
EW-07	04/27/94	1650	---	---	---	---	6.25	---	22.4	---	
EW-07	05/23/94	1135	---	---	---	---	5.81	---	21.9	---	
EW-07	06/22/94	1340	---	---	---	---	6.02	---	23.6	---	
EW-07	07/15/94	1000	---	---	---	---	6.06	---	22.8	---	
EW-07	08/23/94	1235	---	---	---	---	5.96	---	24.7	---	
EW-07	09/20/94	1340	---	---	---	---	5.90	---	24.5	---	
EW-07	11/03/94	0930	---	---	---	---	6.19	---	23.7	---	
EW-07	11/30/94	1315	---	---	---	---	6.64	---	23.3	---	
EW-07	12/20/94	1210	---	---	---	---	6.04	---	23.5	---	
EW-07	01/31/95	1625	---	---	---	---	5.97	---	21.9	---	
EW-07	02/28/95	1425	---	---	---	---	6.25	---	22.6	---	
EW-07	03/21/95	1058	---	---	---	---	6.00	---	23.3	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-07	04/12/95	1110	---	---	---	---	5.96	---	23.8	---	
EW-07	05/11/95	1530	---	---	---	---	6.26	---	22.7	---	
EW-07	06/14/95	1350	---	---	---	---	6.19	---	23.5	---	
EW-07	08/02/95	0920	---	---	---	---	6.06	---	23.9	---	
EW-07	08/31/95	1545	---	---	---	---	5.91	---	21.3	---	
EW-07	09/27/95	1155	---	---	---	---	5.97	---	24.6	---	
EW-08	06/28/91	1630	<1.0	---	---	1.6	6.60	---	20.4	170	
EW-08	05/15/92	1315	---	---	---	---	6.58	---	---	---	
EW-08	06/10/92	1106	<1.0	---	---	---	6.45	---	21.5	---	
EW-08	07/10/92	0950	<1.0	---	---	7.6	6.50	---	21.5	---	
EW-08	08/12/92	1355	<1.0	---	---	---	6.47	---	---	---	
EW-08	09/03/92	1104	<1.0	---	---	---	6.52	---	23.5	---	
EW-08	10/06/92	1320	<1.0	---	---	---	6.64	---	23.0	---	
EW-08	11/02/92	1615	<1.0	---	---	---	6.41	---	23.0	---	
EW-08	12/18/92	1230	<1.0	---	---	---	6.62	---	---	---	
EW-08	01/11/93	1205	<1.0	---	---	5.2	6.40	---	---	---	
EW-08	02/17/93	1240	<1.0	---	---	9.2	6.81	---	21.5	---	
EW-08	03/18/93	1158	<1.0	---	---	6.1	---	---	22.0	---	
EW-08	04/07/93	1015	<1.0	---	---	8.0	6.51	---	22.0	---	
EW-08	05/13/93	1140	<1.0	---	---	7.0	6.34	---	22.0	---	
EW-08	06/08/93	1150	<1.0	---	---	9.6	6.49	---	24.0	---	
EW-08	07/01/93	0855	<1.0	---	---	9.0	6.55	---	23.7	---	
EW-08	08/04/93	1130	<1.0	---	---	---	6.39	---	23.5	---	
EW-08	09/14/93	1240	---	---	---	---	6.55	---	25.9	---	
EW-08	10/15/93	1110	---	---	---	---	6.48	---	23.7	---	
EW-08	11/18/93	1145	---	---	---	---	6.38	---	23.9	---	
EW-08	12/13/93	1310	---	---	---	---	6.23	---	22.2	---	
EW-08	01/13/94	1130	<1.0	---	---	---	6.38	---	17.4	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-08	02/03/94	1140	---	---	---	---	6.08	---	20.3	---	
EW-08	03/03/94	1140	---	---	---	---	6.29	---	20.7	---	
EW-08	04/27/94	1710	---	---	---	---	6.31	---	24.0	---	
EW-08	05/23/94	1150	---	---	---	---	6.15	---	23.6	---	
EW-08	06/22/94	1355	---	---	---	---	6.64	---	25.3	---	
EW-08	07/15/94	1030	---	---	---	---	6.58	---	23.8	---	
EW-08	08/23/94	1340	---	---	---	---	6.34	---	24.0	---	
EW-08	09/20/94	1355	---	---	---	---	6.26	---	25.2	---	
EW-08	11/03/94	0945	---	---	---	---	6.37	---	24.5	---	
EW-08	11/30/94	1330	---	---	---	---	6.66	---	23.5	---	
EW-08	12/20/94	1225	---	---	---	---	6.64	---	24.4	---	
EW-08	01/31/95	1636	---	---	---	---	6.48	---	21.7	---	
EW-08	02/28/95	1405	<1.0	---	---	---	6.69	---	23.5	---	
EW-08	03/21/95	1106	---	---	---	---	6.44	---	24.7	---	
EW-08	04/12/95	1400	---	---	---	---	6.56	---	24.0	---	
EW-08	05/11/95	1520	---	---	---	---	6.91	---	24.3	---	
EW-08	06/14/95	1400	---	---	---	---	6.43	---	24.5	---	
EW-08	08/02/95	0910	---	---	---	---	6.68	---	25.1	---	
EW-08	08/31/95	1600	---	---	---	---	6.43	---	25.5	---	
EW-08	09/27/95	1205	---	---	---	---	6.37	---	25.0	---	
EW-09	06/28/91	1650	<1.0	---	---	27	6.47	---	20.5	290	
EW-09	01/17/92	1036	<1.0	---	---	25	6.41	590	21.5	---	
EW-09	03/18/92	1015	<1.0	---	---	---	6.58	---	24.6	---	
EW-09	04/09/92	1102	<1.0	---	---	27	6.66	---	21.4	---	
EW-09	05/07/92	1310	<1.0	---	---	---	6.51	---	23.0	---	
EW-09	06/10/92	1115	<1.0	---	---	19	6.82	---	21.0	---	
EW-09	07/10/92	1200	<1.0	---	---	21	6.84	---	21.0	---	
EW-09	08/12/92	1405	<1.0	---	---	---	6.81	---	---	---	

**Table 4.--**Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-09	09/03/92	1114	<1.0	---	---	---	6.61	---	22.0	---	
EW-09	10/06/92	1335	<1.0	---	---	---	6.55	---	22.5	---	
EW-09	11/02/92	1630	<1.0	---	---	---	6.38	---	22.5	---	
EW-09	12/18/92	1240	<1.0	---	---	---	6.67	---	---	---	
EW-09	01/11/93	1235	<1.0	---	---	15	6.42	---	---	---	
EW-09	02/17/93	1230	<1.0	---	---	22	6.36	---	23.5	---	
EW-09	03/18/93	1210	<1.0	---	---	5.8	---	---	22.0	---	
EW-09	04/07/93	1040	<1.0	---	---	18	6.59	---	22.5	---	
EW-09	05/13/93	1150	<1.0	---	---	23	6.56	---	22.0	---	
EW-09	05/20/93	1025	<1.0	---	---	14	6.50	---	22.5	---	
EW-09	05/27/93	1210	<1.0	---	---	17	6.56	---	22.0	---	
EW-09	06/03/93	1150	<1.0	---	---	21	6.61	---	23.5	---	
EW-09	06/08/93	1305	<1.0	---	---	19	6.40	---	23.0	---	
EW-09	06/24/93	1040	<1.0	---	---	22	6.55	---	22.9	---	
EW-09	06/30/93	1130	<1.0	---	---	25	6.92	---	23.3	---	
EW-09	08/04/93	1140	<1.0	---	---	---	6.53	---	24.1	---	
EW-09	09/14/93	1400	---	---	---	---	6.21	---	26.5	---	
EW-09	10/13/93	1130	<1.0	---	---	---	6.97	---	23.6	---	
EW-09	11/18/93	1200	---	---	---	---	6.47	---	23.4	---	
EW-09	12/13/93	1330	---	---	---	---	6.35	---	20.6	---	
EW-09	01/11/94	1445	<1.0	---	---	---	6.79	---	---	---	
EW-09	02/03/94	1150	---	---	---	---	6.21	---	22.4	---	
EW-09	03/03/94	1305	---	---	---	---	6.24	---	22.5	---	
EW-09	04/27/94	1315	<1.0	---	---	---	6.27	---	24.6	---	
EW-09	05/23/94	1240	---	---	---	---	5.69	---	24.6	---	
EW-09	06/22/94	1430	---	---	---	---	6.50	---	24.6	---	
EW-09	07/14/94	1345	<1.0	---	---	---	6.47	---	24.2	---	
EW-09	08/23/94	1355	---	---	---	---	6.33	---	24.9	---	
EW-09	09/20/94	1410	---	---	---	---	6.32	---	26.1	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-09	11/02/94	1310	<1.0	---	---	---	6.58	---	24.7	---	Dissolved oxygen measured 11/03/94.
EW-09	11/30/94	1345	---	---	---	---	6.89	---	24.3	---	
EW-09	12/20/94	1240	---	---	---	---	6.52	---	23.9	---	
EW-09	02/01/95	1030	<1.0	---	---	---	6.57	---	21.5	---	
EW-09	02/28/95	1350	<1.0	---	---	---	6.55	---	22.8	---	
EW-09	03/21/95	1117	---	---	---	---	6.36	---	24.1	---	
EW-09	04/11/95	1550	---	---	---	---	6.44	---	24.9	---	
EW-09	05/11/95	1440	<1.0	---	---	---	6.62	---	23.1	---	
EW-09	06/14/95	1400	<1.0	---	---	---	6.41	---	25.2	---	
EW-10	06/28/91	1720	<1.0	---	---	22	6.15	---	21.9	150	
EW-10	01/17/92	1535	<1.0	---	---	28	6.65	420	21.4	---	
EW-10	03/18/92	1055	<1.0	---	---	---	6.91	---	21.8	---	
EW-10	04/09/92	1110	<1.0	---	---	25	6.82	---	21.8	---	
EW-10	05/07/92	1220	<1.0	---	---	---	6.37	---	23.5	---	
EW-10	06/10/92	1145	<1.0	---	---	26	6.99	---	21.0	---	
EW-10	07/10/92	1006	<1.0	---	---	20	6.69	---	20.0	---	
EW-10	08/12/92	1415	<1.0	---	---	---	6.97	---	---	---	
EW-10	09/03/92	1129	<1.0	---	---	---	6.93	---	23.5	---	
EW-10	10/06/92	1350	<1.0	---	---	---	6.70	---	23.0	---	
EW-10	11/02/92	1643	<1.0	---	---	---	6.75	---	23.0	---	
EW-10	12/18/92	1250	<1.0	---	---	---	6.87	---	---	---	
EW-10	01/11/93	1350	<1.0	---	---	16	6.76	---	---	---	
EW-10	02/17/93	1250	<1.0	---	---	21	6.34	---	24.0	---	
EW-10	03/18/93	1225	<1.0	---	---	23	---	---	22.0	---	
EW-10	04/07/93	1050	<1.0	---	---	19	6.72	---	22.0	---	
EW-10	05/13/93	1305	<1.0	---	---	17	6.67	---	22.0	---	
EW-10	05/20/93	1110	<1.0	---	---	22	6.59	---	21.0	---	
EW-10	05/27/93	1140	<1.0	---	---	17	5.57	---	22.5	---	



**Table 4.--**Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-10	06/03/93	1120	<1.0	---	---	17	6.60	---	23.0	---	---
EW-10	06/24/93	1110	<1.0	---	---	20	6.60	---	23.1	---	---
EW-10	06/30/93	1100	<1.0	---	---	28	6.86	---	23.4	---	---
EW-10	08/04/93	1250	<1.0	---	---	---	6.68	---	24.4	---	---
EW-10	09/14/93	1420	---	---	---	---	6.38	---	27.4	---	---
EW-10	10/13/93	1120	<1.0	---	---	---	6.65	---	24.5	---	---
EW-10	11/18/93	1205	---	---	---	---	6.74	---	24.0	---	---
EW-10	12/13/93	1350	---	---	---	---	6.47	---	22.2	---	---
EW-10	01/11/94	1530	<1.0	---	---	---	6.63	---	23.4	---	---
EW-10	02/03/94	1205	---	---	---	---	6.33	---	20.9	---	---
EW-10	03/03/94	1325	---	---	---	---	6.26	---	22.9	---	---
EW-10	04/27/94	1340	<1.0	---	---	---	6.65	---	---	---	---
EW-10	05/23/94	1255	---	---	---	---	5.91	---	27.6	---	---
EW-10	06/22/94	1505	---	---	---	---	6.30	---	28.6	---	---
EW-10	07/14/94	1410	<1.0	---	---	---	6.57	---	27.6	---	---
EW-10	08/23/94	1415	---	---	---	---	6.21	---	28.9	---	---
EW-10	09/20/94	1500	---	---	---	---	6.26	---	30.4	---	---
EW-10	11/30/94	1400	---	---	---	---	6.98	---	25.6	---	---
EW-10	12/20/94	1255	---	---	---	---	6.83	---	23.9	---	---
EW-10	02/01/95	1500	<1.0	---	---	---	6.10	---	24.1	---	---
EW-10	02/28/95	1205	<1.0	---	---	---	6.33	---	23.1	---	---
EW-10	03/21/95	1130	<1.0	---	---	---	6.33	---	24.0	---	---
EW-10	04/11/95	1600	<1.0	---	---	---	6.19	---	25.8	---	---
EW-10	05/11/95	1410	<1.0	---	---	---	6.71	---	23.6	---	---
EW-10	06/14/95	1415	<1.0	---	---	---	6.38	---	24.8	---	---
EW-10	08/01/95	1500	<1.0	---	---	---	6.45	---	30.0	---	---
EW-10	08/31/95	1610	<1.0	---	---	---	6.29	---	28.0	---	---
EW-10	09/27/95	1310	<1.0	---	---	---	6.29	---	27.4	---	---

**Table 4. --**Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-11	07/08/91	1540	<1.0	---	---	12	6.44	---	22.5	78	Alkalinity determined in laboratory.
EW-11	01/17/92	---	<1.0	---	---	13	5.88	100	23.0	---	
EW-11	03/18/92	1130	<1.0	---	---	---	6.37	---	25.5	---	
EW-11	04/09/92	1221	<1.0	---	---	29	6.13	---	21.9	---	
EW-11	05/07/92	1150	<1.0	---	---	---	6.00	---	23.5	---	
EW-11	06/10/92	1205	<1.0	---	---	16	6.54	---	22.0	---	
EW-11	07/10/92	1021	<1.0	---	---	15	6.30	---	21.2	---	
EW-11	08/12/92	1430	<1.0	---	---	---	6.70	---	---	---	
EW-11	09/03/92	1149	<1.0	---	---	---	6.53	---	24.0	---	
EW-11	10/06/92	1405	<1.0	---	---	---	6.52	---	24.0	---	
EW-11	11/02/92	1654	<1.0	---	---	---	6.40	---	24.0	---	
EW-11	12/18/92	1305	<1.0	---	---	---	6.41	---	---	---	
EW-11	01/11/93	1410	<1.0	---	---	12	5.95	---	---	---	
EW-11	02/17/93	1305	<1.0	---	---	12	6.39	---	24.0	---	
EW-11	03/18/93	1235	<1.0	---	---	14	---	---	22.0	---	
EW-11	04/07/93	1045	<1.0	---	---	15	6.20	---	22.2	---	
EW-11	05/13/93	1320	<1.0	---	---	14	6.12	---	22.5	---	
EW-11	05/20/93	1130	<1.0	---	---	16	6.06	---	22.0	---	
EW-11	05/27/93	1210	<1.0	---	---	17	6.11	---	21.5	---	
EW-11	06/03/93	1210	<1.0	---	---	16	6.05	---	22.0	---	
EW-11	06/08/93	1430	<1.0	---	---	11	5.79	---	22.0	---	
EW-11	06/24/93	1345	<1.0	---	---	17	5.99	---	23.5	---	
EW-11	06/30/93	1030	<1.0	---	---	17	6.30	---	24.7	---	
EW-11	08/04/93	1255	<1.0	---	---	---	5.97	---	27.0	---	
EW-11	09/14/93	1440	---	---	---	---	5.93	---	26.3	---	
EW-11	10/13/93	1040	<1.0	---	---	---	6.30	---	25.4	---	
EW-11	11/18/93	1215	---	---	---	---	6.19	---	26.4	---	
EW-11	12/13/93	1540	---	---	---	---	6.10	---	25.9	---	
EW-11	01/11/94	1540	<1.0	---	---	---	6.35	---	25.0	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-11	02/03/94	1335	<1.0	---	---	---	6.07	---	28.4	---	
EW-11	03/03/94	1345	---	---	---	---	6.11	---	21.2	---	
EW-11	04/27/94	1415	<1.0	---	---	---	6.50	---	23.2	---	
EW-11	05/23/94	1310	---	---	---	---	6.00	---	24.9	---	
EW-11	06/22/94	1600	---	---	---	---	6.40	---	26.5	---	
EW-11	07/14/94	1440	<1.0	---	---	---	6.39	---	28.5	---	
EW-11	08/23/94	1500	---	---	---	---	6.31	---	27.6	---	
EW-11	11/30/94	1500	---	---	---	---	6.86	---	24.2	---	
EW-11	12/20/94	1415	---	---	---	---	6.72	---	24.0	---	
EW-11	02/01/95	1545	<1.0	---	---	---	6.58	---	22.5	---	
EW-11	02/28/95	1300	<1.0	---	---	---	6.73	---	21.7	---	
EW-11	03/21/95	1142	<1.0	---	---	---	6.57	---	24.4	---	
EW-11	04/11/95	1625	---	---	---	---	6.70	---	25.0	---	
EW-11	05/11/95	1340	<1.0	---	---	---	6.60	---	25.3	---	
EW-11	06/14/95	1425	<1.0	---	---	---	6.74	---	25.3	---	
EW-11	08/01/95	1520	<1.0	---	---	---	6.70	---	26.3	---	
EW-11	08/31/95	1630	<1.0	---	---	---	6.55	---	27.7	---	
EW-11	09/27/95	1335	<1.0	---	---	---	6.36	---	28.3	---	
EW-12	07/08/91	1530	<1.0	---	---	7.4	5.88	---	22.7	43	Alkalinity determined in laboratory.
EW-12	01/17/92	1200	<1.0	---	---	15	5.22	140	21.2	---	Sheen on surface of extracted water.
EW-12	04/09/92	1600	<1.0	---	2.4	16	5.37	---	20.2	---	
EW-12	07/16/92	1120	<1.0	---	2.7	11	5.64	---	22.3	---	
EW-12	11/06/92	1325	<1.0	---	---	8.4	5.84	---	23.9	---	
EW-12	01/11/93	1600	<1.0	---	---	6.4	5.63	---	---	---	
EW-12	04/07/93	1215	<1.0	---	---	5.5	5.87	---	20.9	---	
EW-12	02/03/94	1400	<1.0	---	---	---	6.01	---	22.3	---	
EW-12	03/03/94	1410	---	---	---	---	6.01	---	18.1	---	
EW-12	04/27/94	1525	<1.0	---	---	---	5.90	---	23.0	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate I)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-12	05/23/94	1340	---	---	---	---	5.79	---	26.5	---	
EW-12	06/22/94	1610	---	---	---	---	6.21	---	26.6	---	
EW-12	07/14/94	1450	<1.0	---	---	---	6.15	---	27.9	---	
EW-12	08/23/94	1540	---	---	---	---	6.17	---	29.6	---	
EW-12	09/20/94	1610	---	---	---	---	6.01	---	27.7	---	
EW-12	11/02/94	1100	---	---	---	---	6.05	---	27.1	---	
EW-12	11/30/94	1520	---	---	---	---	6.43	---	25.9	---	
EW-12	02/01/95	0930	<1.0	---	---	---	6.00	---	23.3	---	
EW-12	02/28/95	---	<1.0	---	---	---	5.99	---	23.5	---	
EW-12	03/21/95	1202	<1.0	---	---	---	---	---	---	---	
EW-12	05/11/95	1300	<1.0	---	---	---	6.15	---	26.5	---	
EW-12	06/14/95	1445	<1.0	---	---	---	6.33	---	25.7	---	
EW-12	08/01/95	1540	<1.0	---	---	---	6.16	---	28.2	---	
EW-12	08/31/95	1700	<1.0	---	---	---	6.12	---	27.6	---	
EW-12	09/27/95	1350	<1.0	---	---	---	6.01	---	27.5	---	
EW-13	07/08/91	1630	<1.0	---	---	14	5.03	---	24.4	29	Alkalinity determined in laboratory.
EW-13	01/15/92	1800	---	---	---	9.0	5.40	110	21.0	---	
EW-13	04/09/92	1530	<1.0	---	3.7	5.0	5.43	---	20.0	---	
EW-13	07/16/92	1130	<1.0	---	3.2	6.4	5.67	---	22.5	---	
EW-13	09/03/92	1330	<1.0	---	---	---	6.13	---	26.4	---	
EW-13	11/06/92	1315	<1.0	---	---	3.8	6.02	---	24.7	---	
EW-13	01/11/93	1530	<1.0	---	---	5.4	5.57	---	---	---	
EW-13	10/12/93	1645	<1.0	---	---	---	5.64	---	27.8	---	
EW-13	11/18/93	1330	---	---	---	---	5.79	---	27.6	---	
EW-14	07/08/91	1610	<1.0	---	---	26	5.73	---	23.8	160	Alkalinity determined in laboratory.
EW-14	01/15/92	1740	<1.0	---	---	23	6.32	600	21.2	---	
EW-14	09/03/92	1340	<1.0	---	---	---	5.92	---	24.0	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-14	11/06/92	1307	<1.0	---	---	17	6.46	---	23.6	---	
EW-14	01/11/93	1450	<1.0	---	---	17	5.89	---	---	---	
EW-14	10/12/93	1420	---	---	---	---	6.28	---	27.6	---	
EW-14	11/18/93	1345	---	---	---	---	5.97	---	28.3	---	
EW-14	01/20/94	1600	<1.0	---	---	---	5.65	---	19.8	---	
EW-14	02/03/94	1515	---	---	---	---	5.75	---	29.7	---	
EW-14	03/03/94	1430	<1.0	---	---	---	6.10	---	24.4	---	
EW-14	04/25/94	1400	<1.0	---	---	---	6.08	---	25.0	---	
EW-14	05/23/94	1405	---	---	---	---	5.79	---	25.3	---	
EW-14	06/22/94	1650	---	---	---	---	6.25	---	26.2	---	
EW-14	07/11/94	1550	<1.0	---	---	---	6.21	---	27.6	---	
EW-14	08/23/94	1610	---	---	---	---	6.04	---	27.5	---	
EW-14	09/20/94	1635	---	---	---	---	6.14	---	27.4	---	
EW-14	10/31/94	1425	<1.0	---	---	8.0	5.88	---	29.1	---	
EW-14	11/30/94	1550	---	---	---	---	6.58	---	25.0	---	
EW-14	12/20/94	1445	---	---	---	---	6.35	---	24.5	---	
EW-14	01/30/95	1355	<1.0	---	---	6.2	6.30	---	19.3	---	
EW-14	02/28/95	1335	<1.0	---	---	---	6.28	---	23.6	---	
EW-14	04/10/95	1410	<1.0	---	---	---	6.14	---	24.5	---	
EW-14	05/11/95	1140	---	---	---	---	6.29	---	27.0	---	
EW-14	06/14/95	1500	---	---	---	---	6.02	---	26.7	---	
EW-14	07/31/95	1300	<1.0	---	---	---	6.27	---	27.5	---	
EW-14	08/31/95	1730	---	---	---	---	6.04	---	28.4	---	
EW-14	09/27/95	1350	---	---	---	---	6.12	---	29.8	---	
EW-15	07/08/91	1443	<1.0	---	---	30	6.50	---	22.5	180	Alkalinity determined in laboratory.
EW-15	01/15/92	1700	<1.0	---	---	23	6.45	150	21.0	---	
EW-15	04/09/92	1630	<1.0	---	0.64	28	6.37	---	20.5	---	
EW-15	07/16/92	1200	<1.0	---	3.7	26	6.40	---	22.0	---	
EW-15	11/06/92	1255	<1.0	---	---	21	6.63	---	25.6	---	

**Table 4.** --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-16	07/08/91	1354	<1.0	---	---	11	6.33	---	23.1	100	Alkalinity determined in laboratory.
EW-16	01/15/92	1630	<1.0	---	---	13	6.21	130	20.0	---	
EW-16	04/09/92	1650	<1.0	---	0.21	8.8	6.26	---	19.8	---	
EW-16	07/16/92	1220	<1.0	---	.69	11	6.37	---	23.0	---	
EW-16	11/06/92	1245	<1.0	---	---	8.8	6.41	---	25.0	---	
EW-17	07/08/91	1700	<1.0	---	---	13	6.46	---	22.7	85	Alkalinity determined in laboratory.
EW-17	01/15/92	1600	<1.0	---	---	14	6.16	120	20.0	---	
EW-17	04/09/92	1710	<1.0	---	.11	17	6.46	---	20.0	---	
EW-17	07/16/92	1230	<1.0	---	.05	15	6.33	---	22.2	---	
EW-17	11/06/92	1250	<1.0	---	---	11	6.17	---	24.1	---	
EW-18	07/02/91	1723	<1.0	---	---	23	7.00	---	---	150	
EW-18	01/17/92	1613	<1.0	---	---	11	6.72	260	21.9	---	
EW-18	03/18/92	1215	<1.0	---	---	---	6.62	---	20.6	---	
EW-18	04/02/92	1130	<1.0	---	---	17	6.55	---	19.7	---	
EW-18	05/07/92	1410	<1.0	---	---	---	6.58	---	19.0	---	
EW-18	06/11/92	1330	<1.0	---	---	15	6.72	---	19.8	---	
EW-18	07/08/92	1030	<1.0	---	---	17	6.58	---	18.5	---	
EW-18	08/12/92	1510	<1.0	---	---	---	6.74	---	---	---	
EW-18	09/03/92	1440	<1.0	---	---	---	6.53	---	22.2	---	
EW-18	10/06/92	1445	<1.0	---	---	---	6.49	---	23.0	---	
EW-18	11/05/92	1545	<1.0	---	---	16	6.33	---	23.0	---	
EW-18	12/18/92	1400	<1.0	---	---	---	6.66	---	---	---	
EW-18	01/11/93	1600	<1.0	---	---	14	6.42	---	---	---	
EW-18	02/17/93	1425	<1.0	---	---	12	6.43	---	20.0	---	
EW-18	03/18/93	1405	<1.0	---	---	14	---	---	20.0	---	
EW-18	04/07/93	1355	<1.0	---	<.27	16	6.27	---	20.0	---	
EW-18	05/13/93	1410	<1.0	---	---	15	6.48	---	20.5	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
EW-18	06/08/93	1530	<1.0	---	---	17	6.41	---	21.0	---	
EW-18	07/01/93	1030	<1.0	---	---	17	6.55	---	23.5	---	
EW-18	08/05/93	1545	<1.0	---	---	---	6.51	---	24.5	---	
EW-18	09/14/93	1530	---	---	---	---	6.71	---	25.6	---	
EW-18	10/15/93	1130	---	---	---	---	6.62	---	24.1	---	
EW-18	11/18/93	1550	---	---	---	---	6.40	---	23.6	---	
EW-18	12/13/93	1610	---	---	---	---	6.60	---	21.9	---	
EW-18	01/13/94	1330	<1.0	---	---	---	5.94	---	19.4	---	
EW-18	02/03/94	1430	---	---	---	---	6.24	---	20.1	---	
EW-18	03/03/94	1515	---	---	---	---	6.19	---	19.9	---	
EW-18	04/26/94	1145	<1.0	---	---	---	7.05	---	22.2	---	
EW-18	05/23/94	1430	---	---	---	---	5.95	---	23.3	---	
EW-18	06/22/94	1720	---	---	---	---	6.65	---	23.4	---	
EW-18	07/13/94	1110	<1.0	---	---	---	6.47	---	24.1	---	
EW-18	08/23/94	1645	---	---	---	---	6.23	---	24.8	---	
EW-18	09/20/94	1710	---	---	---	---	6.16	---	24.1	---	
EW-18	11/01/94	1130	<1.0	---	---	---	6.03	---	24.2	---	
EW-18	11/30/94	1625	---	---	---	---	6.50	---	23.1	---	
EW-18	12/20/94	1515	---	---	---	---	6.21	---	23.5	---	
EW-18	01/31/95	1030	<1.0	---	---	---	6.34	---	18.0	---	
EW-18	02/28/95	1535	---	---	---	---	6.34	---	20.5	---	Water color is orange brown.
EW-18	03/21/95	1305	1.1	---	---	---	6.44	---	20.9	---	
EW-18	04/11/95	1025	<1.0	---	---	---	6.33	---	21.0	---	Water color is orange brown.
EW-18	05/11/95	1055	---	---	---	---	6.22	---	23.6	---	
EW-18	06/14/95	1540	---	---	---	---	6.01	---	25.1	---	
EW-18	08/01/95	1100	<1.0	---	---	---	6.22	---	26.9	---	
EW-18	08/31/95	1800	---	---	---	---	6.04	---	28.2	---	
EW-18	09/27/95	1445	---	---	---	---	6.17	---	27.6	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
IG-2	05/27/93	--	<1.0	---	---	---	8.08	---	24.5	---	
IG-2	06/03/93	---	<1.0	---	---	4.2	8.06	---	24.5	---	Bromide feed pump lost prime.
IG-2	06/08/93	---	<1.0	---	---	---	7.96	---	25.8	---	
IG-2	06/24/93	---	<1.0	---	---	6.8	8.03	---	25.7	---	
IG-2	06/30/93	---	1.3	---	---	---	8.10	---	28.4	---	
IG-2	10/13/93	---	---	---	---	---	8.21	---	26.0	---	
IG-2	11/18/93	---	---	---	---	---	7.95	---	21.7	---	
IG-2	12/13/93	---	---	---	---	---	8.08	---	14.4	---	
IG-2	01/11/94	---	<1.0	---	---	---	8.34	---	17.9	---	
IG-2	02/03/94	---	<1.0	---	---	---	8.52	---	17.7	---	
IG-2	04/27/94	---	<1.0	---	---	---	8.42	---	24.4	---	
IG-2	05/23/94	---	2.1	---	---	---	8.31	---	27.6	---	
IG-2	06/22/94	---	<1.0	---	---	---	8.10	---	25.0	---	
IG-2	07/14/94	---	---	---	---	---	8.13	---	27.5	---	
IG-2	08/23/94	---	<1.0	---	---	---	7.86	---	24.9	---	
IG-2	09/20/94	---	<1.0	---	---	---	7.85	---	23.4	---	
IG-2	11/03/94	---	1.1	---	---	---	7.81	---	20.7	---	
IG-2	11/30/94	---	1.2	---	---	---	---	---	---	---	
IG-2	12/20/94	---	<1.0	---	---	---	8.34	---	18.7	---	
IG-2	02/01/95	---	1.3	---	---	---	8.05	---	17.8	---	
IG-2	02/28/95	1135	1.2	---	---	---	8.17	---	19.9	---	
IG-2	03/21/95	1340	<1.0	---	---	---	8.02	---	21.8	---	
IG-2	04/12/95	1530	<1.0	---	---	---	8.10	---	23.2	---	
IG-2	05/11/95	1720	1.2	---	---	---	7.91	---	24.7	---	
IG-2	06/14/95	1530	1.0	---	---	---	8.19	---	26.5	---	
IG-2	08/02/95	1430	1.1	---	---	---	8.21	---	25.5	---	
IG-2	08/31/95	1930	<1.0	---	---	---	8.09	---	24.4	---	
IG-2	09/27/95	1510	<1.0	---	---	---	8.11	---	24.0	---	



**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-04	12/14/90	1100	<1.0	---	---	13	6.45	56	20.0	71	
MW-04	06/27/91	1123	<1.0	5.4	---	22	5.93	---	21.0	68	
MW-04	01/17/92	1400	<1.0	---	---	22	5.96	---	21.0	---	
MW-04	04/02/92	1020	<1.0	---	---	20	6.05	---	20.0	---	
MW-04	07/08/92	0856	<1.0	3.0	---	16	5.90	---	20.5	---	
MW-04	11/05/92	0935	<1.0	6.1	0.58	20	5.93	---	24.0	---	
MW-04	01/07/93	1000	<1.0	.8	.27	17	6.45	---	21.9	---	
MW-04	04/06/93	0940	<1.0	.9	.80	15	5.89	---	17.2	---	
MW-04	06/29/93	1050	<1.0	1.2	<.27	21	6.03	---	22.9	---	
MW-04	10/14/93	1045	<1.0	2.8	---	13	6.33	---	25.0	---	
MW-04	01/12/94	0900	<1.0	1.1	---	16	6.01	---	19.9	---	
MW-04	04/26/94	1150	<1.0	.9	---	22	6.57	---	24.6	---	
MW-04	07/13/94	1055	<1.0	.9	---	16	5.85	---	24.0	---	
MW-04	11/01/94	1025	<1.0	---	---	---	5.71	---	24.6	---	
MW-04	01/31/95	1020	<1.0	.7	---	11	5.81	---	19.1	---	
MW-04	04/11/95	1045	<1.0	1.4	---	19	5.99	---	20.9	---	
MW-04	08/01/95	1035	<1.0	1.2	---	16	5.98	---	24.4	---	
MW-05	12/14/90	1445	<1.0	---	---	24	6.83	150	19.7	150	
MW-05	06/26/91	1410	<1.0	8.0	---	29	6.35	---	24.0	190	
MW-05	01/16/92	1514	<1.0	---	---	20	6.08	250	16.3	---	
MW-05	01/24/92	---	---	1.7	---	---	---	---	---	---	
MW-05	04/01/92	1520	<1.0	---	---	34	6.13	---	18.0	---	
MW-05	04/07/92	---	---	3.1	---	---	---	---	---	---	
MW-05	07/07/92	1600	<1.0	8.2	---	26	6.25	---	24.5	---	
MW-05	09/02/92	---	---	5.6	---	---	---	---	---	---	
MW-05	09/29/92	1453	<1.0	---	---	---	---	---	---	---	
MW-05	09/30/92	---	---	3.4	---	---	---	---	---	---	
MW-05	11/05/92	1135	<1.0	6.6	.14	20	6.20	---	24.0	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-05	01/07/93	0915	<1.0	0.3	<0.05	13	6.82	---	18.0	---	
MW-05	04/06/93	0740	<1.0	1.5	<11	28	6.36	---	18.0	---	
MW-05	06/29/93	0815	<1.0	6.6	<21	26	6.18	---	26.1	---	
MW-05	08/24/93	1400	<1.0	---	---	---	---	---	---	---	
MW-05	10/14/93	0755	<1.0	6.2	<05	18	6.51	---	20.9	---	
MW-05	01/12/94	1400	<1.0	.5	<05	22	6.91	---	19.8	---	
MW-05	04/26/94	0845	<1.0	.8	<05	17	5.97	---	22.5	---	
MW-05	07/13/94	0750	<1.0	2.5	<05	20	6.26	---	26.5	---	
MW-05	11/01/94	0815	<1.0	2.1	<05	---	5.88	---	23.0	---	
MW-05	01/31/95	0820	<1.0	1.1	---	18	6.35	---	14.3	---	
MW-05	04/11/95	0815	<1.0	.7	<05	26	6.60	---	19.6	---	
MW-05	08/01/95	0830	<1.0	6.3	<05	22	6.10	---	28.1	---	
MW-06	12/12/90	1615	<1.0	---	---	---	5.48	70	18.7	---	
MW-06	06/25/91	1511	<1.0	6.1	---	3.0	5.63	---	24.5	23	Sheen on purge water surface.
MW-06	01/16/92	1530	<1.0	---	---	2.8	5.80	---	15.5	---	
MW-06	04/01/92	1310	<1.0	---	---	3.8	6.06	---	17.2	---	
MW-06	07/08/92	0929	<1.0	1.6	---	2.2	5.71	---	25.5	---	
MW-06	11/05/92	1005	<1.0	3.5	.32	3.2	5.90	---	23.0	---	Sheen on purge water surface.
MW-06	01/07/93	1340	<1.0	---	---	4.0	6.24	---	---	---	
MW-06	04/06/93	0915	<1.0	.9	.42	4.8	5.70	---	16.0	---	
MW-06	06/29/93	0935	<1.0	1.4	<27	3.6	5.66	---	26.9	---	
MW-06	10/14/93	1025	<1.0	---	---	---	6.28	---	23.5	---	
MW-06	01/12/94	1140	<1.0	.9	---	---	6.21	---	14.8	---	
MW-06	04/26/94	1015	<1.0	.5	---	---	5.82	---	23.4	---	
MW-06	07/13/94	0915	<1.0	1.0	---	---	5.62	---	28.6	---	
MW-06	11/01/94	0850	<1.0	2.2	---	12	5.85	---	23.4	---	Water table is above top of casing; sheen on water surface.
MW-06	01/31/95	0900	<1.0	.7	---	---	5.91	---	13.3	---	
MW-06	04/11/95	0925	<1.0	6.0	---	3.4	5.92	---	19.6	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-06	08/01/95	1000	<1.0	9.1	---	---	5.66	---	29.8	---	---
MW-07	12/13/90	---	---	---	---	6.0	6.04	110	22.5	---	---
MW-07	06/24/91	1400	<1.0	6.4	---	10	5.81	---	20.5	47	---
MW-07	05/14/92	1242	---	---	---	---	5.85	---	---	---	---
MW-07	07/09/92	1115	<1.0	3.7	---	8.2	6.14	---	20.5	---	---
MW-07	11/04/92	1625	<1.0	2.3	---	6.2	6.38	---	22.5	---	---
MW-07	01/06/93	1630	<1.0	.5	0.80	7.6	5.93	---	21.0	---	---
MW-07	04/02/93	1616	<1.0	.4	<.11	10	5.92	---	18.0	---	---
MW-07	07/01/93	0930	<1.0	---	---	6.0	6.29	---	22.0	---	---
MW-07	10/15/93	0900	<1.0	---	---	---	5.86	---	22.3	---	---
MW-07	01/13/94	0830	<1.0	---	---	5.2	6.16	---	19.8	---	---
MW-07	04/27/94	1210	<1.0	---	---	---	5.97	---	21.9	---	---
MW-07	07/14/94	1315	---	---	---	---	6.01	---	22.9	---	---
MW-07	11/03/94	0845	<1.0	---	---	---	5.86	---	21.9	---	---
MW-07	02/01/95	1405	<1.0	---	---	---	5.60	---	19.5	---	---
MW-07	04/12/95	1420	<1.0	.3	---	---	5.85	---	21.5	---	---
MW-07	08/02/95	1130	---	---	---	---	6.01	---	23.4	---	---
MW-08	12/12/90	1500	<1.0	---	---	6.7	6.48	310	21.1	---	---
MW-08	06/25/91	1532	<1.0	5.7	---	6.0	6.88	---	20.0	190	---
MW-08	01/16/92	1600	<1.0	---	---	18	6.89	---	16.8	---	---
MW-08	04/01/92	1210	<1.0	---	---	12	6.92	---	18.5	---	---
MW-08	04/07/92	---	---	4.0	---	---	---	---	---	---	---
MW-08	07/08/92	1215	<1.0	10	---	17	7.12	---	20.0	---	---
MW-08	11/05/92	1405	<1.0	4.2	---	13	7.45	---	22.0	---	---
MW-08	01/07/93	1350	<1.0	4.0	---	12	6.69	---	---	---	---
MW-08	04/06/93	1030	<1.0	---	<.11	14	6.93	---	18.5	---	---
MW-08	06/29/93	1340	<1.0	1.3	<.20	15	6.74	---	24.5	---	---

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-08	10/14/93	1345	<1.0	4.1	---	---	7.11	---	24.0	---	
MW-08	01/12/94	1140	<1.0	4.0	---	---	6.88	---	20.4	---	
MW-08	04/26/94	1345	<1.0	3.3	---	---	6.98	---	22.5	---	
MW-08	07/13/94	0920	<1.0	4.0	---	---	7.06	---	25.2	---	
MW-08	11/01/94	1250	<1.0	5.7	---	---	6.22	---	22.8	---	
MW-08	01/31/95	1130	<1.0	11	---	---	6.99	---	18.7	---	
MW-08	04/11/95	1215	<1.0	4.6	---	18	6.93	---	21.5	---	
MW-08	08/01/95	1330	<1.0	5.0	---	12	7.03	---	26.9	---	
MW-09	12/12/90	1445	<1.0	---	---	1.5	6.35	490	20.8	250	
MW-09	06/26/91	1205	<1.0	.6	---	5.6	6.81	---	21.7	270	
MW-09	01/16/92	1616	<1.0	---	---	3.0	7.12	---	14.2	---	
MW-09	01/24/92	---	---	.4	---	---	---	---	---	---	
MW-09	04/01/92	1115	<1.0	---	---	3.2	6.85	---	17.5	---	
MW-09	07/08/92	1346	<1.0	.6	---	4.0	7.04	---	20.5	---	
MW-09	11/05/92	1410	<1.0	.1	---	4.2	7.21	---	22.0	---	
MW-09	01/07/93	1400	<1.0	.2	---	3.6	6.69	---	18.0	---	
MW-09	04/06/93	1145	<1.0	---	---	4.3	6.96	---	16.0	---	
MW-09	06/29/93	1320	<1.0	1.2	---	5.2	7.01	---	24.4	---	
MW-09	10/14/93	1400	<1.0	---	---	---	7.19	---	24.6	---	
MW-09	01/12/94	1420	<1.0	.4	---	---	7.21	---	15.1	---	
MW-09	04/26/94	1420	<1.0	.7	---	---	7.09	---	22.2	---	
MW-09	07/13/94	1000	<1.0	.4	---	---	7.25	---	29.0	---	
MW-09	11/01/94	1300	---	<.5	---	---	6.38	---	---	---	
MW-09	01/31/95	1125	<1.0	---	---	---	7.01	---	18.4	---	
MW-09	04/11/95	1200	<1.0	2.4	---	---	6.89	---	20.0	---	
MW-09	08/01/95	1320	<1.0	.6	---	---	6.89	---	27.4	---	
MW-11	06/24/91	1537	3.3	2.0	---	.6	5.94	---	20.8	55	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-11	10/09/91	1345	3.5	---	---	3.8	6.00	---	22.5	---	
MW-11	05/13/92	1105	---	---	---	---	5.40	---	---	---	
MW-11	07/09/92	0910	4.0	<0.1	---	.5	5.57	---	21.0	---	
MW-11	11/04/92	1207	3.5	---	---	.6	5.90	---	23.0	---	
MW-11	01/06/93	1420	5.3	---	<0.05	1.1	6.10	---	20.0	---	
MW-11	04/02/93	1445	3.5	---	---	4.7	5.60	---	17.5	---	
MW-11	07/01/93	1105	6.5	---	---	.6	6.03	---	22.5	---	
MW-11	10/13/93	1510	3.8	---	---	.6	5.93	---	24.4	---	
MW-11	01/11/94	1420	6.8	---	---	.7	6.14	---	19.9	---	
MW-11	04/27/94	0920	7.6	---	---	1.2	6.23	---	20.5	---	
MW-11	07/14/94	1045	3.9	---	---	---	5.66	---	28.7	---	
MW-11	11/02/94	1520	2.1	.4	---	---	5.81	---	23.3	---	
MW-11	02/01/95	1140	3.7	---	---	---	6.06	---	17.6	---	
MW-11	04/12/95	1220	2.6	---	---	---	6.10	---	19.7	---	
MW-11	08/02/95	1000	5.1	---	---	---	5.38	---	24.9	---	
MW-11A	12/13/90	---	---	---	---	17	6.47	120	21.8	50	
MW-11A	06/24/91	1424	<1.0	1.8	---	17	6.25	---	19.2	47	
MW-11A	05/13/92	1100	---	---	---	---	6.05	---	---	---	
MW-11A	07/09/92	0905	<1.0	.5	---	11	6.35	---	19.5	---	
MW-11A	11/04/92	1140	<1.0	1.4	.10	13	6.27	---	22.0	---	
MW-11A	01/06/93	1436	<1.0	.5	<0.05	12	6.32	---	21.0	---	
MW-11A	04/02/93	1515	<1.0	.8	<0.05	18	5.86	---	19.0	---	
MW-11A	06/30/93	1450	<1.0	2.3	---	13	6.09	---	22.2	---	
MW-11A	10/13/93	1520	<1.0	---	---	9.6	6.22	---	23.2	---	
MW-11A	01/11/94	1420	<1.0	.5	---	11	6.44	---	20.4	---	
MW-11A	04/27/94	0835	<1.0	---	---	13	6.41	---	20.7	---	
MW-11A	07/14/94	1055	<1.0	.4	---	---	6.20	---	23.0	---	
MW-11A	11/02/94	1500	<1.0	---	---	---	5.98	---	24.0	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-11A	02/01/95	1110	<1.0	0.5	---	---	6.14	---	19.3	---	
MW-11A	04/12/95	1140	<1.0	.1	---	---	6.30	---	20.7	---	
MW-11A	08/02/95	1010	<1.0	.5	---	---	6.07	---	23.7	---	
MW-12	12/13/90	---	<1.0	---	---	9.6	5.28	70	22.0	18	
MW-12	06/24/91	1125	<1.0	9.0	---	8.2	5.44	---	20.0	22	
MW-12	01/15/92	1130	<1.0	---	---	8.8	5.35	58	21.0	---	
MW-12	03/05/92	---	---	5.2	---	---	5.44	---	---	---	
MW-12	04/07/92	1505	<1.0	4.5	---	8.0	5.46	---	19.9	---	
MW-12	06/10/92	1453	<1.0	---	---	9.0	5.62	---	21.0	---	
MW-12	07/15/92	1030	<1.0	5.8	3.7	32	5.54	---	20.5	---	
MW-12	09/30/92	1409	<1.0	---	---	12	---	---	---	---	
MW-12	10/15/92	---	<1.0	---	---	---	---	---	---	---	
MW-12	11/03/92	1545	<1.0	5.1	4.2	8.4	5.59	---	22.0	---	
MW-12	01/06/93	1050	<1.0	6.7	3.7	5.6	5.65	---	22.0	---	
MW-12	04/02/93	1000	<1.0	1.9	4.8	8.0	5.30	---	20.5	---	
MW-12	06/30/93	0940	<1.0	4.4	4.2	9.3	5.71	---	24.0	---	
MW-12	08/05/93	1620	<1.0	6.6	---	---	5.52	---	25.1	---	
MW-12	10/13/93	1000	<1.0	4.5	5.3	11	5.83	---	23.9	---	
MW-12	01/11/94	1015	<1.0	5.0	4.0	8.8	5.54	---	21.0	---	
MW-12	04/26/94	1610	<1.0	2.0	4.2	9.2	5.65	---	25.5	---	
MW-12	07/14/94	0815	<1.0	5.6	5.6	7.0	5.65	---	26.4	---	
MW-12	11/02/94	0930	<1.0	3.7	4.8	7.8	5.67	---	22.6	---	
MW-12	02/01/95	0915	<1.0	2.7	5.6	6.2	5.41	---	20.9	---	Samples degassing while collecting hydrogen.
MW-12	04/11/95	1755	<1.0	2.7	3.5	7.2	5.66	---	21.7	---	
MW-12	08/01/95	1630	<1.0	2.3	4.0	1.4	6.74	---	27.3	---	Water color is black; cleared somewhat after purging.
MW-12A	12/13/90	1110	<1.0	---	---	14	5.68	---	21.0	54	
MW-12A	06/24/91	---	<1.0	5.8	---	9.4	5.78	---	21.0	36	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-12A	01/15/92	1147	<1.0	---	---	16	5.81	120	20.0	---	
MW-12A	03/05/92	---	---	2.4	---	---	5.89	---	---	---	
MW-12A	04/07/92	1440	<1.0	3.4	---	26	5.87	---	18.9	---	
MW-12A	06/10/92	1440	<1.0	---	---	20	5.95	---	21.5	---	
MW-12A	07/15/92	1115	<1.0	3.0	0.90	17	5.74	---	21.0	---	
MW-12A	09/30/92	1406	<1.0	---	---	6.4	---	---	---	---	
MW-12A	11/03/92	1610	<1.0	2.9	1.9	8.0	5.85	---	23.5	---	
MW-12A	01/06/93	1050	<1.0	4.6	1.3	12	5.93	---	21.6	---	
MW-12A	04/02/93	1040	<1.0	3.3	2.1	13	5.73	---	19.5	---	
MW-12A	06/30/93	0930	<1.0	2.0	2.7	30	5.99	---	24.3	---	
MW-12A	08/05/93	1615	<1.0	1.2	---	---	5.90	---	25.4	---	
MW-12A	10/13/93	0930	<1.0	3.9	5.6	18	6.32	---	25.1	---	
MW-12A	01/11/94	0945	<1.0	1.1	2.7	10	6.36	---	16.9	---	
MW-12A	04/26/94	1520	<1.0	.3	5.3	5.4	6.40	---	22.2	---	
MW-12A	07/14/94	0800	<1.0	2.3	8.8	7.0	6.56	---	26.1	---	
MW-12A	11/02/94	0920	<1.0	2.8	1.9	3.1	6.79	---	22.6	---	
MW-12A	02/01/95	0920	<1.0	.4	<1.3	5.3	6.62	---	16.0	---	
MW-12A	04/11/95	1730	<1.0	.8	3.7	7.8	6.61	---	20.6	---	
MW-12A	08/01/95	1700	<1.0	9.2	3.2	11	5.58	---	25.0	---	
MW-15	12/12/90	1400	3.7	---	---	<.5	5.75	120	20.5	---	
MW-15	06/26/91	1231	2.8	.3	---	<.1	5.44	---	21.5	7.0	
MW-15	01/16/92	1616	3.9	---	---	<.1	5.33	---	17.2	---	
MW-15	04/01/92	1030	4.3	---	---	.8	5.69	---	17.5	---	
MW-15	07/08/92	1400	4.2	---	---	.6	5.56	---	23.2	---	
MW-15	11/05/92	1400	2.0	---	---	.6	6.03	---	22.0	---	
MW-15	01/07/93	1500	1.8	---	---	.4	5.79	---	17.5	---	
MW-15	04/06/93	1215	1.0	---	---	.5	5.55	---	16.1	---	
MW-15	06/29/93	1325	1.5	---	---	.4	5.66	---	24.7	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate I)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-15	10/14/93	1425	3.4	---	---	---	5.78	---	24.7	---	
MW-15	01/12/94	1420	1.2	---	---	---	6.29	---	18.4	---	
MW-16	12/14/90	1500	<1.0	---	---	<0.5	5.80	80	20.5	47	
MW-16	06/21/91	---	<1.0	9.2	---	3.1	6.44	---	22.3	35	
MW-16	01/15/92	---	<1.0	---	---	5.0	6.44	280	16.0	---	
MW-16	01/24/92	---	---	.4	---	---	---	---	---	---	
MW-16	04/07/92	1050	<1.0	1.1	---	5.8	6.69	---	15.0	---	
MW-16	07/10/92	1100	<1.0	---	---	6.6	6.47	---	19.5	---	
MW-16	11/04/92	1020	<1.0	---	---	3.6	6.48	---	22.0	---	
MW-16	01/06/93	0900	<1.0	---	---	2.8	6.39	---	18.0	---	
MW-16	04/02/93	1720	<1.0	---	<0.11	5.2	6.46	---	16.0	---	
MW-16	06/30/93	0820	<1.0	---	---	3.9	6.40	---	24.1	---	
MW-16	10/13/93	0815	<1.0	---	---	---	6.33	---	20.3	---	
MW-16	01/11/94	0830	<1.0	---	---	---	6.71	---	14.5	---	
MW-16	11/02/94	0830	<1.0	---	---	---	---	---	---	---	
MW-17	12/13/90	---	<1.0	---	---	3.5	4.81	85	21.0	6.0	
MW-17	06/21/91	1000	<1.0	3.8	---	3.2	5.05	---	22.5	8.4	
MW-17	01/14/92	1700	<1.0	---	---	4.2	5.38	---	19.7	---	
MW-17	04/07/92	1230	<1.0	1.2	---	3.6	5.29	---	18.5	---	
MW-17	04/08/92	---	---	1.3	---	---	---	---	---	---	
MW-17	07/15/92	0815	<1.0	1.1	8.2	2.7	5.52	---	22.0	---	
MW-17	11/03/92	1030	<1.0	1.3	1.2	3.7	5.48	---	24.0	---	
MW-17	01/05/93	1300	<1.0	2.4	6.6	---	5.13	---	22.0	---	
MW-17	04/01/93	1305	<1.0	.5	7.2	4.0	5.42	---	19.5	---	
MW-17	06/28/93	1050	<1.0	1.5	7.7	6.0	5.25	---	24.2	---	
MW-17	10/12/93	1250	<1.0	---	---	---	5.57	---	24.8	---	
MW-17	01/10/94	1110	<1.0	2.8	---	---	5.63	---	19.1	---	



**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MW-19	06/25/91	1028	<1.0	0.7	---	27	6.18	---	20.5	99	
MW-19	07/08/92	1605	<1.0	<.1	---	7.4	6.52	---	19.5	---	
MW-19	11/06/92	1015	<1.0	---	---	3.6	6.40	---	21.5	---	
MW-19	01/08/93	0920	<1.0	---	---	21	---	---	19.0	---	
MW-19	04/06/93	1615	1.7	---	---	.3	6.36	---	14.9	---	
MW-19	06/29/93	1615	<1.0	---	---	25	5.95	---	20.9	---	
MW-19	10/14/93	1620	<1.0	---	---	---	6.30	---	22.9	---	
MW-19	01/12/94	1715	<1.0	---	---	---	6.49	---	18.6	---	
MW-19	04/28/94	1140	<1.0	---	---	---	6.47	---	19.9	---	
MW-19	07/13/94	1315	1.3	---	---	---	6.51	---	28.2	---	
MW-19	11/01/94	1440	1.3	---	---	---	6.23	---	18.7	---	
MW-19	01/31/95	1455	2.1	---	---	---	6.55	---	16.2	---	
MW-19	04/11/95	1430	<1.0	---	---	---	6.13	---	18.6	---	
MW-19	08/01/95	1530	<1.0	---	---	---	6.25	---	24.6	---	
MWGS-05A	12/14/90	1400	---	---	---	30	6.37	440	20.2	300	
MWGS-05A	06/26/91	1420	<1.0	4.3	---	28	6.64	---	28.0	300	
MWGS-05A	01/16/92	1514	<1.0	---	---	29	6.50	420	16.7	---	
MWGS-05A	01/24/92	---	---	1.7	---	---	---	---	---	---	
MWGS-05A	04/01/92	1600	<1.0	---	---	26	6.55	---	20.2	---	
MWGS-05A	04/07/92	---	---	2.5	---	---	---	---	---	---	
MWGS-05A	07/07/92	1600	<1.0	9.2	---	21	6.76	---	22.0	---	
MWGS-05A	09/02/92	---	---	3.4	---	---	---	---	---	---	
MWGS-05A	09/30/92	---	---	3.4	---	---	---	---	---	---	
MWGS-05A	11/05/92	1200	<1.0	15	0.06	22	6.48	---	24.0	---	
MWGS-05A	01/07/93	0930	<1.0	1.3	<.05	8.0	6.59	---	21.5	---	
MWGS-05A	04/06/93	0750	<1.0	3.0	<.11	17	6.84	---	19.4	---	
MWGS-05A	06/29/93	0810	<1.0	1.8	<.21	22	6.70	---	23.4	---	
MWGS-05A	08/24/93	1410	<1.0	---	---	---	---	---	---	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-05A	10/14/93	0805	<1.0	---	<0.05	26	6.83	---	21.5	---	
MWGS-05A	01/12/94	1420	<1.0	1.8	<0.5	30	6.89	---	20.4	---	
MWGS-05A	04/26/94	0910	<1.0	1.3	<0.5	32	6.47	---	21.9	---	
MWGS-05A	07/13/94	0805	<1.0	2.6	<0.5	23	6.79	---	23.5	---	
MWGS-05A	11/01/94	0825	<1.0	1.2	<0.5	26	6.13	---	23.7	---	
MWGS-05A	01/31/95	0830	<1.0	4.0	---	23	7.06	---	16.2	---	
MWGS-05A	04/11/95	0830	<1.0	.8	<0.5	35	6.72	---	20.6	---	
MWGS-05A	08/01/95	0910	<1.0	8.8	<0.5	22	6.84	---	27.2	---	
MWGS-20	12/12/90	---	<1.0	---	---	15	5.84	130	21.3	---	
MWGS-20	06/21/91	---	<1.0	12	---	15	6.13	---	22.0	110	
MWGS-20	01/14/92	1730	<1.0	---	---	15	6.32	120	16.0	---	
MWGS-20	01/24/92	---	---	.3	---	---	---	---	---	---	
MWGS-20	04/07/92	1015	<1.0	1.6	.53	12	6.21	---	17.1	---	
MWGS-20	04/24/92	1600	<1.0	.2	.80	8.6	6.07	---	20.5	---	Well sampled after heavy rains.
MWGS-20	07/15/92	0840	---	---	.42	11	6.17	---	21.0	---	
MWGS-20	11/04/92	0900	<1.0	.8	.90	14	6.08	---	23.0	---	
MWGS-20	01/06/93	0920	<1.0	1.0	1.6	12	6.16	---	19.6	---	
MWGS-20	04/02/93	0845	<1.0	.5	2.7	8.8	6.06	---	18.0	---	
MWGS-20	06/30/93	0755	<1.0	.7	---	12	5.85	---	23.4	---	
MWGS-20	10/13/93	0850	<1.0	.9	.32	3.5	6.18	---	23.2	---	
MWGS-20	01/11/94	0815	<1.0	---	.53	15	6.37	---	17.1	---	
MWGS-20	04/26/94	1420	<1.0	<.2	---	11	5.89	---	31.1	---	
MWGS-20	07/12/94	0920	<1.0	.7	.42	19	6.05	---	24.5	---	
MWGS-20	11/02/94	0810	<1.0	.5	<.05	18	6.28	---	20.7	---	Iron is 17 mg/L from spectrophotometer.
MWGS-20	02/01/95	0810	<1.0	.5	---	5.6	5.95	---	15.0	---	
MWGS-20	04/12/95	0830	<1.0	.2	<.25	5.2	5.91	---	19.1	---	
MWGS-20	07/31/95	1715	<1.0	.5	.64	15	5.49	---	26.1	---	

**Table 4. --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-21	12/12/90	---	<1.0	---	---	3.6	5.32	62	20.4	---	---
MWGS-21	06/21/91	---	<1.0	9.0	---	3.2	5.70	---	22.0	12	---
MWGS-21	01/14/92	1800	1.6	---	---	5.0	5.74	---	16.9	---	---
MWGS-21	01/24/92	---	---	.3	---	---	---	---	---	---	---
MWGS-21	04/07/92	1145	<1.0	.4	---	5.2	5.61	---	16.9	---	---
MWGS-21	07/15/92	0945	<1.0	---	<0.05	6.4	5.69	---	22.0	---	---
MWGS-21	11/04/92	0910	<1.0	---	---	4.4	5.89	---	23.0	---	---
MWGS-21	01/06/93	0850	<1.0	---	---	4.4	6.03	---	18.5	---	---
MWGS-21	04/02/93	0840	<1.0	---	---	7.5	5.45	---	16.5	---	---
MWGS-21	06/30/93	0800	<1.0	---	---	---	5.46	---	22.6	---	---
MWGS-21	10/13/93	0820	<1.0	---	---	---	5.94	---	22.4	---	---
MWGS-21	01/11/94	0855	1.2	---	---	---	5.77	---	16.7	---	---
MWGS-21	04/28/94	0800	<1.0	---	---	---	5.57	---	20.0	---	---
MWGS-21	07/12/94	0925	<1.0	---	---	---	5.42	---	25.0	---	---
MWGS-21	11/02/94	0815	<1.0	---	---	---	6.96	---	20.9	---	---
MWGS-21	02/01/95	0830	1.1	---	---	---	5.32	---	16.3	---	---
MWGS-21	04/12/95	0830	5.0	---	---	---	5.30	---	18.9	---	---
MWGS-21	07/31/95	1730	<1.0	---	---	---	5.91	---	29.1	---	---
MWGS-22	12/14/90	1200	<1.0	---	---	1.5	6.84	260	19.0	180	---
MWGS-22	06/25/91	1644	<1.0	12	---	10	6.10	---	21.5	87	---
MWGS-22	01/17/92	1250	<1.0	---	---	5.4	6.05	---	17.5	---	---
MWGS-22	04/02/92	1045	<1.0	---	---	8.2	6.16	---	16.9	---	---
MWGS-22	07/08/92	0900	<1.0	4.2	---	27	6.08	---	22.5	---	---
MWGS-22	11/05/92	0920	<1.0	5.5	1.3	3.0	6.04	---	23.0	---	---
MWGS-22	01/07/93	0930	<1.0	---	1.3	5.2	6.54	---	17.0	---	---
MWGS-22	04/06/93	0935	<1.0	2.1	2.9	3.7	5.92	---	14.7	---	---
MWGS-22	06/29/93	1025	<1.0	4.2	3.2	3.6	6.12	---	23.7	---	---
MWGS-22	10/14/93	1055	<1.0	5.2	---	3.9	6.26	---	25.4	---	---

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-22	01/12/94	0910	<1.0	1.6	---	3.4	5.92	---	16.2	---	
MWGS-22	04/26/94	1130	<1.0	4.0	---	3.5	5.85	---	21.0	---	
MWGS-22	07/13/94	0950	<1.0	4.5	---	3.1	5.45	---	25.6	---	
MWGS-22	11/01/94	1030	<1.0	4.8	0.74	4.2	5.42	---	23.1	---	
MWGS-22	01/31/95	1010	<1.0	2.6	---	5.9	5.82	---	16.1	---	
MWGS-22	04/11/95	1035	<1.0	2.0	.80	9.6	5.90	---	18.7	---	
MWGS-22	08/01/95	1040	<1.0	5.5	.95	3.0	5.88	---	26.9	---	
MWGS-23C	06/19/91	0900	<1.0	9.1	---	4.6	6.40	---	21.7	61	Samples collected with peristaltic pump; samples degassing.
MWGS-23D	06/19/91	---	<1.0	.3	---	6.8	6.73	---	20.2	160	Samples collected with peristaltic pump; samples degassing.
MWGS-23E	06/19/91	---	<1.0	.8	---	5.4	6.53	---	20.2	150	Samples collected with peristaltic pump; samples degassing.
MWGS-24C	06/18/91	1032	<1.0	9.1	---	4.2	5.88	---	21.5	28	Samples collected with peristaltic pump.
MWGS-24D	06/18/91	---	<1.0	1.6	---	7.8	5.56	---	21.0	12	Samples collected with peristaltic pump.
MWGS-24E	06/18/91	---	<1.0	1.1	---	15	6.31	---	21.0	120	Samples collected with peristaltic pump; samples degassing.
MWGS-25B	06/19/91	---	<1.0	1.3	---	8.4	5.60	---	21.5	24	
MWGS-25C	06/19/91	1703	<1.0	3.0	---	4.2	5.01	---	20.0	10	Samples collected with peristaltic pump; samples degassing.
MWGS-25D	06/19/91	1742	<1.0	---	---	12	5.51	---	22.8	39	
MWGS-26B	06/19/91	1332	<1.0	9.0	---	29	6.18	---	22.0	180	Samples collected with peristaltic pump; samples degassing.
MWGS-26C	06/19/91	---	<1.0	3.6	---	27	6.25	---	22.0	110	Samples collected with peristaltic pump.

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-26D	06/19/91	---	<1.0	10	---	22	5.84	---	23.0	52	Samples collected with peristaltic pump.
MWGS-26E	06/19/91	1549	<1.0	7.7	---	28	5.94	---	21.8	160	Samples collected with peristaltic pump; samples degassing.
MWGS-27A	10/10/91	1100	<1.0	---	---	23	6.03	---	26.0	120	
MWGS-27A	05/13/92	1456	---	---	---	---	5.79	---	---	---	Samples collected with peristaltic pump.
MWGS-27A	07/09/92	1200	---	---	---	<.1	5.68	---	22.0	---	Very little water available.
MWGS-27A	11/04/92	1437	---	---	---	---	6.19	---	---	---	
MWGS-27A	01/06/93	1325	---	---	---	---	---	---	---	---	
MWGS-27B	10/10/91	1115	<1.0	7.5	---	28	5.83	---	22.5	110	
MWGS-27B	11/04/92	---	---	---	---	---	---	---	---	---	More than 2 feet of free product present.
MWGS-27C	10/10/91	1110	<1.0	4.4	---	17	6.11	---	20.5	52	
MWGS-27C	05/13/92	1328	---	---	---	---	6.06	---	---	---	Samples collected with peristaltic pump.
MWGS-27C	07/09/92	1440	<1.0	1.3	<0.05	10	7.01	---	19.0	---	
MWGS-27C	10/13/93	1600	---	---	---	---	6.26	---	22.0	---	Samples collected with peristaltic pump.
MWGS-27C	01/11/94	1710	---	---	---	5.4	6.57	---	20.6	---	
MWGS-27C	04/27/94	0910	---	---	---	5.5	6.51	---	21.5	---	
MWGS-27C	07/14/94	1130	---	---	---	---	6.23	---	27.7	---	
MWGS-27C	11/02/94	1340	---	---	---	---	6.40	---	23.9	---	
MWGS-27C	08/02/95	1100	---	---	---	---	6.26	---	22.5	---	
MWGS-28A	10/09/91	1305	1.8	---	---	8.8	6.09	---	22.0	---	
MWGS-28A	05/13/92	1330	---	---	---	---	5.83	---	---	---	
MWGS-28A	07/09/92	1345	5.7	---	---	.7	5.92	---	22.5	---	
MWGS-28A	11/04/92	1505	2.2	---	---	3.6	5.94	---	23.5	---	
MWGS-28A	01/06/93	1430	1.9	---	---	4.5	6.07	---	21.0	---	

**Table 4.** --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-28B	10/09/91	1310	<1.0	20	---	8.2	5.91	---	21.0	---	
MWGS-28B	05/13/92	1505	---	---	---	---	5.86	---	---	---	
MWGS-28B	07/09/92	1610	<1.0	2.9	---	8.6	5.93	---	19.0	---	
MWGS-28B	11/04/92	1420	<1.0	4.9	0.11	9.6	5.99	---	22.5	---	
MWGS-28B	01/06/93	1445	<1.0	---	---	8.4	5.82	---	---	---	
MWGS-28B	04/02/93	1550	---	---	---	8.4	5.54	---	19.0	---	
MWGS-28B	06/30/93	1525	<1.0	---	---	6.0	5.72	---	20.9	---	
MWGS-28B	10/13/93	1550	---	---	---	---	6.03	---	23.6	---	Samples collected with peristaltic pump.
MWGS-28B	01/11/94	1630	---	---	---	9.0	6.12	---	20.1	---	
MWGS-28B	04/27/94	1030	---	---	---	12	5.99	---	21.9	---	
MWGS-28B	07/14/94	1030	---	---	---	---	5.84	---	23.2	---	
MWGS-28B	11/02/94	1340	---	---	---	---	6.03	---	21.5	---	
MWGS-28B	02/01/95	1230	---	---	---	---	5.59	---	19.9	---	
MWGS-28B	04/12/95	1300	---	---	---	---	5.72	---	20.7	---	
MWGS-28B	08/02/95	1120	---	---	---	---	5.76	---	27.0	---	
MWGS-28C	10/09/91	1430	1.8	---	---	23	6.02	---	22.0	---	
MWGS-28C	05/13/92	1550	---	---	---	---	6.62	---	---	---	
MWGS-28C	07/09/92	---	---	---	---	<1	5.99	---	---	---	Very little water available.
MWGS-28C	11/04/92	1600	---	---	---	---	6.27	---	---	---	
MWGS-28C	01/06/93	1610	---	---	---	9.6	6.32	---	---	---	
MWGS-28D	10/13/93	1630	---	---	---	---	6.44	---	23.5	---	Samples collected with peristaltic pump.
MWGS-28D	01/11/94	1610	---	---	---	25	6.27	---	19.8	---	
MWGS-28D	04/27/94	0940	---	---	---	26	6.33	---	24.1	---	
MWGS-28D	07/14/94	1100	---	---	---	---	6.19	---	25.5	---	
MWGS-28D	11/02/94	1445	---	---	---	---	6.20	---	23.5	---	
MWGS-28D	04/12/95	---	---	---	---	---	---	---	---	---	Free product present.

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-29A	10/11/91	1100	<1.0	10	---	11	5.65	---	23.0	---	
MWGS-29A	05/13/92	1239	---	---	---	---	5.68	---	---	---	Very little water available.
MWGS-29A	11/04/92	---	---	---	---	---	---	---	---	---	Heavy sheen on purge water surface.
MWGS-29B	10/11/91	1100	<1.0	2.1	---	5.0	5.81	---	21.5	---	
MWGS-29B	05/13/92	1230	---	---	---	---	5.80	---	---	---	
MWGS-29B	07/09/92	1510	<1.0	.5	---	4.5	6.12	---	19.5	---	
MWGS-29B	11/04/92	1135	<1.0	---	---	4.4	6.07	---	23.0	---	
MWGS-29B	01/06/93	1320	<1.0	.6	---	5.8	6.24	---	21.5	---	
MWGS-29B	04/02/93	1145	<1.0	---	---	5.9	5.78	---	18.5	---	
MWGS-29B	06/30/93	1415	<1.0	---	---	13	6.07	---	24.6	---	
MWGS-29B	10/13/93	1320	<1.0	.6	---	5.5	6.30	---	23.0	---	
MWGS-29B	01/11/94	1230	<1.0	.3	---	7.0	6.30	---	20.9	---	
MWGS-29B	04/27/94	1045	<1.0	---	---	6.0	6.20	---	20.9	---	
MWGS-29B	07/14/94	1005	---	---	---	---	6.08	---	22.7	---	
MWGS-29B	11/02/94	1450	---	---	---	---	6.33	---	24.0	---	
MWGS-29B	02/01/95	1158	<1.0	---	---	---	6.01	---	20.3	---	
MWGS-29B	04/12/95	1015	<1.0	---	---	---	5.97	---	20.2	---	
MWGS-29B	08/02/95	1025	---	---	---	---	6.04	---	22.6	---	
MWGS-30A	10/10/91	1530	<1.0	39	---	9.6	5.43	---	22.5	---	
MWGS-30A	05/13/92	1145	---	---	---	---	5.39	---	---	---	Very little water available.
MWGS-30A	11/04/92	---	---	---	---	---	---	---	---	---	0.07 foot of free product present.
MWGS-30A	04/12/95	---	---	---	---	---	---	---	---	---	Free product present.
MWGS-30B	10/10/91	1600	<1.0	.9	---	4.8	5.79	---	---	---	Air pumped down well prior to collecting hydrogen sample.
MWGS-30B	05/13/92	1200	---	---	---	---	5.77	---	---	---	
MWGS-30B	07/09/92	1200	<1.0	.5	---	5.4	5.85	---	19.0	---	
MWGS-30B	11/04/92	1101	<1.0	---	0.10	5.5	5.78	---	22.5	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-30B	01/06/93	1315	<1.0	0.1	---	5.4	6.05	---	21.0	---	
MWGS-30B	04/02/93	1145	<1.0	---	---	5.3	5.71	---	19.0	---	
MWGS-30B	06/30/93	1400	<1.0	---	---	5.4	5.70	---	21.5	---	
MWGS-30B	10/13/93	1345	<1.0	.6	---	5.4	6.58	---	23.4	---	
MWGS-30B	01/11/94	1212	<1.0	.3	---	7.4	5.95	---	20.6	---	
MWGS-30B	04/27/94	1040	<1.0	---	---	7.6	6.12	---	21.5	---	
MWGS-30B	07/14/94	0950	---	---	---	---	5.70	---	22.9	---	
MWGS-30B	11/02/94	1405	---	---	---	---	6.02	---	21.7	---	
MWGS-30B	02/01/95	1155	<1.0	---	---	---	5.91	---	19.9	---	
MWGS-30B	04/12/95	1005	2.3	---	---	---	5.84	---	20.2	---	
MWGS-30B	08/02/95	0955	---	---	---	---	5.99	---	22.0	---	
MWGS-31A	01/14/92	1440	<1.0	5.4	---	6.6	5.15	68	20.1	---	
MWGS-31A	01/24/92	---	---	1.8	---	---	---	---	---	---	
MWGS-31A	04/08/92	1030	<1.0	1.7	---	5.8	5.32	---	18.6	---	
MWGS-31A	04/24/92	1452	<1.0	1.5	0.50	5.0	---	---	---	---	
MWGS-31A	07/13/92	1410	<1.0	1.2	2.9	3.7	5.20	---	23.0	---	
MWGS-31A	09/02/92	1026	3.1	---	---	2.1	6.60	---	24.5	---	
MWGS-31A	09/15/92	1250	1.9	---	---	2.3	5.66	---	24.5	---	
MWGS-31A	09/29/92	1200	<1.0	---	---	---	---	---	---	---	
MWGS-31A	10/15/92	1100	1.6	---	---	---	---	---	---	---	
MWGS-31A	11/03/92	0910	<1.0	1.8	.74	3.4	5.92	---	24.0	---	
MWGS-31A	01/05/93	1040	<1.0	3.4	5.1	6.2	5.57	---	20.6	---	
MWGS-31A	04/01/93	1020	<1.0	.9	.37	3.7	5.35	---	19.5	---	
MWGS-31A	06/28/93	1150	<1.0	1.0	.42	18	5.46	---	23.2	---	
MWGS-31A	08/05/93	1035	<1.0	1.7	---	---	5.10	---	25.1	---	
MWGS-31A	08/26/93	1255	---	---	---	---	5.41	---	26.3	---	
MWGS-31A	10/12/93	1140	<1.0	1.2	4.2	4.5	5.59	---	24.1	---	
MWGS-31A	01/10/94	1200	<1.0	.3	2.4	3.3	5.46	---	18.3	---	

Well sampled after heavy rains.



**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-31A	04/25/94	1120	<1.0	1.9	5.0	14	5.42	---	27.0	---	
MWGS-31A	07/11/94	1030	<1.0	.8	.07	---	5.30	---	27.4	---	
MWGS-31A	10/31/94	1045	1.5	---	---	3.4	5.78	---	23.9	---	
MWGS-31A	01/30/95	1050	<1.0	---	---	3.3	5.20	---	13.7	---	
MWGS-31A	04/10/95	1130	<1.0	2.5	---	5.6	5.45	---	20.6	---	
MWGS-31A	07/31/95	1140	<1.0	2.0	3.2	4.3	5.28	---	25.2	---	
MWGS-31A	10/25/95	---	<1.0	---	.50	---	5.54	---	25.1	---	
MWGS-31B	01/14/92	1400	<1.0	36	---	24	5.40	1,200	21.0	---	
MWGS-31B	01/24/92	---	---	35	---	---	---	---	---	---	
MWGS-31B	04/08/92	1045	<1.0	9.8	---	27	5.73	---	19.4	---	
MWGS-31B	04/24/92	1500	---	12	1.1	16	5.65	---	23.6	---	
MWGS-31B	07/13/92	1645	<1.0	9.7	.13	19	5.97	---	20.5	---	
MWGS-31B	09/02/92	1100	<1.0	13	1.4	16	5.83	---	23.0	---	
MWGS-31B	09/15/92	1300	<1.0	16	.27	5.6	5.80	---	22.0	---	
MWGS-31B	10/15/92	1115	<1.0	15	1.6	---	---	---	---	---	
MWGS-31B	11/03/92	0935	<1.0	11	.17	26	5.99	---	22.5	---	
MWGS-31B	01/05/93	1055	<1.0	13	.37	21	6.00	---	22.5	---	
MWGS-31B	04/01/93	1130	<1.0	8.8	.69	21	6.00	---	20.5	---	
MWGS-31B	06/28/93	1245	<1.0	5.4	2.1	20	6.01	---	22.6	---	
MWGS-31B	08/05/93	1100	<1.0	3.1	---	---	5.93	---	23.4	---	
MWGS-31B	08/26/93	1300	---	---	---	---	5.97	---	25.2	---	
MWGS-31B	10/12/93	1130	<1.0	10	.53	18	6.09	---	23.4	---	
MWGS-31B	01/10/94	1240	<1.0	6.1	1.3	23	6.11	---	17.0	---	
MWGS-31B	01/20/94	1450	<1.0	---	---	---	5.89	---	17.8	---	
MWGS-31B	04/25/94	1210	<1.0	4.7	1.1	7.2	5.92	---	21.2	---	
MWGS-31B	07/11/94	1030	<1.0	8.4	.29	29	6.09	---	24.8	---	
MWGS-31B	10/31/94	1130	<1.0	6.6	.42	22	5.93	---	23.6	---	
MWGS-31B	01/30/95	1130	<1.0	4.4	2.1	6.1	6.10	---	14.8	---	

Well sampled after heavy rains.

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-31B	04/10/95	1145	<1.0	3.0	0.80	26	5.95	---	21.6	---	
MWGS-31B	07/31/95	1105	<1.0	4.4	<1.3	22	6.07	---	22.9	---	
MWGS-31B	10/25/95	---	<1.0	---	---	30	5.90	---	25.1	---	
MWGS-32A	01/14/92	1600	<1.0	6.6	---	8.2	5.35	140	20.0	---	
MWGS-32A	01/24/92	---	---	4.9	---	---	---	---	---	---	
MWGS-32A	04/08/92	1440	<1.0	2.8	---	6.6	5.49	---	20.8	---	
MWGS-32A	04/24/92	1340	<1.0	6.6	2.4	6.2	---	---	---	---	
MWGS-32A	07/13/92	1100	<1.0	1.7	2.4	4.2	5.57	---	21.5	---	
MWGS-32A	09/02/92	1731	<1.0	1.1	2.0	1.5	5.35	---	24.0	---	
MWGS-32A	09/30/92	---	---	1.1	---	1.8	---	---	---	---	
MWGS-32A	10/15/92	---	2.6	---	---	---	---	---	---	---	
MWGS-32A	11/03/92	1333	<1.0	1.5	1.6	2.0	5.69	---	24.0	---	
MWGS-32A	01/05/93	1510	<1.0	2.9	3.5	2.8	5.41	---	21.5	---	
MWGS-32A	04/01/93	1610	<1.0	.4	2.9	2.9	5.27	---	18.5	---	
MWGS-32A	06/28/93	1515	<1.0	3.1	3.5	1.9	5.79	---	23.6	---	
MWGS-32A	06/30/93	---	<1.0	---	---	---	---	---	---	---	
MWGS-32A	08/05/93	1345	<1.0	3.0	---	---	5.57	---	26.3	---	
MWGS-32A	10/12/93	1500	<1.0	1.2	4.0	1.5	5.88	---	22.5	---	
MWGS-32A	12/13/93	1415	5.5	---	---	4.4	7.44	---	17.3	---	
MWGS-32A	01/10/94	1530	3.6	.2	---	.2	7.73	---	13.6	---	
MWGS-32A	04/25/94	1500	<1.0	.2	<.53	.9	6.86	---	24.7	---	
MWGS-32A	07/11/94	1600	2.4	.9	---	.5	7.44	---	28.1	---	
MWGS-32A	10/31/94	1620	2.1	---	---	<.1	7.65	---	21.7	---	
MWGS-32A	01/30/95	1510	4.0	---	---	<.1	7.90	---	14.2	---	
MWGS-32A	04/10/95	1745	6.0	---	---	---	7.63	---	21.0	---	
MWGS-32A	05/11/95	---	<1.0	---	1.3	---	7.20	---	22.9	---	
MWGS-32A	05/24/95	1210	<1.0	---	8.5	---	6.35	---	23.1	---	
MWGS-32A	06/01/95	1050	5.3	---	---	1.3	7.59	---	25.5	---	

Well sampled after heavy rains.

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-32A	06/14/95	1125	4.7	---	---	---	7.90	---	26.4	---	
MWGS-32A	06/22/95	1145	3.7	---	---	---	7.80	---	27.0	---	
MWGS-32A	06/28/95	0950	2.1	---	---	0.7	7.50	---	26.6	---	
MWGS-32A	07/12/95	1105	---	---	<0.53	---	---	---	---	---	
MWGS-32A	07/31/95	1530	3.5	---	---	---	7.57	---	29.2	---	
MWGS-32A	08/23/95	1140	4.6	---	---	.4	7.73	---	28.5	---	
MWGS-32A	08/31/95	1030	1.5	---	---	<.1	7.55	---	26.9	---	
MWGS-32A	09/07/95	1115	---	---	---	---	7.38	---	27.0	---	
MWGS-32B	01/14/92	1600	<1.0	15	---	4.4	5.11	49	21.0	---	
MWGS-32B	01/24/92	---	---	15	---	---	---	---	---	---	
MWGS-32B	04/08/92	1500	<1.0	---	---	4.4	5.34	---	20.7	---	
MWGS-32B	04/09/92	---	---	9.9	---	---	---	---	---	---	
MWGS-32B	04/24/92	1352	---	4.9	4.0	3.8	5.21	---	23.2	---	
MWGS-32B	07/13/92	1100	<1.0	3.7	3.5	3.5	5.23	---	20.5	---	
MWGS-32B	09/02/92	1710	<1.0	3.6	2.4	3.0	5.36	---	24.0	---	
MWGS-32B	09/30/92	---	---	3.6	---	3.2	---	---	---	---	
MWGS-32B	10/15/92	1440	<1.0	3.8	3.3	---	---	---	---	---	
MWGS-32B	11/03/92	1220	<1.0	2.7	2.9	3.4	5.29	---	23.0	---	
MWGS-32B	01/05/93	1630	<1.0	4.1	2.1	2.9	5.10	---	21.5	---	
MWGS-32B	04/01/93	1540	<1.0	2.8	3.5	3.5	5.19	---	19.5	---	
MWGS-32B	06/28/93	1610	<1.0	2.1	3.2	2.8	5.38	---	22.5	---	
MWGS-32B	08/05/93	1405	<1.0	1.9	---	---	5.27	---	24.6	---	
MWGS-32B	10/12/93	1520	<1.0	1.9	3.6	3.3	5.52	---	24.0	---	
MWGS-32B	01/10/94	1600	<1.0	1.2	---	2.8	5.76	---	16.5	---	
MWGS-32B	04/25/94	1550	<1.0	2.8	2.9	3.0	5.50	---	22.9	---	
MWGS-32B	07/11/94	1600	<1.0	7.6	4.4	3.5	5.20	---	23.6	---	
MWGS-32B	10/31/94	1545	<1.0	5.8	3.7	2.9	5.46	---	23.4	---	
MWGS-32B	01/30/95	1420	<1.0	6.4	5.3	2.9	5.20	---	14.8	---	

Well sampled after heavy rains.

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-32B	04/10/95	1640	<1.0	6.4	4.5	3.2	5.14	---	21.0	---	
MWGS-32B	05/11/95	---	<1.0	---	3.2	---	5.54	---	21.8	---	
MWGS-32B	05/24/95	1225	<1.0	---	4.5	---	5.40	---	23.8	---	
MWGS-32B	06/01/95	1135	<1.0	---	5.3	---	5.53	---	22.5	---	
MWGS-32B	06/14/95	1100	<1.0	---	3.7	---	5.15	---	23.6	---	
MWGS-32B	06/22/95	---	<1.0	---	4.2	---	5.13	---	23.7	---	
MWGS-32B	06/28/95	1025	<1.0	---	4.5	3.4	5.15	---	23.3	---	
MWGS-32B	07/06/95	1318	---	---	5.0	---	---	---	---	---	
MWGS-32B	07/12/95	1030	---	---	4.2	---	---	---	---	---	
MWGS-32B	07/31/95	1510	<1.0	4.9	4.0	3.4	5.16	---	26.6	---	
MWGS-32B	08/16/95	1040	<1.0	---	6.4	3.5	5.10	---	24.7	---	
MWGS-32B	08/23/95	1050	<1.0	---	6.4	3.2	5.12	---	25.0	---	
MWGS-32B	08/31/95	1040	<1.0	---	5.0	3.5	5.08	---	26.9	---	
MWGS-32B	09/07/95	1200	<1.0	6.7	4.0	3.5	5.31	---	25.8	---	
MWGS-32B	09/13/95	1350	<1.0	8.0	4.8	3.4	5.27	---	25.6	---	
MWGS-32B	09/20/95	1130	<1.0	---	3.7	3.6	---	---	---	---	
MWGS-32B	09/27/95	1150	<1.0	---	4.2	3.9	5.11	---	23.4	---	
MWGS-32B	12/05/95	1045	<1.0	---	---	---	---	---	---	---	
MWGS-32B	01/29/96	1100	<1.0	---	15	22	---	---	---	---	
MWGS-33A	01/14/92	1500	<1.0	7.6	---	3.6	5.54	75	19.5	---	
MWGS-33A	01/24/92	---	---	4.0	---	---	---	---	---	---	
MWGS-33A	03/05/92	---	---	2.8	---	---	5.55	---	---	---	
MWGS-33A	04/08/92	1530	<1.0	1.4	---	3.8	5.40	---	19.0	---	
MWGS-33A	04/24/92	1130	<1.0	2.7	2.1	4.0	5.48	---	21.9	---	Well sampled after heavy rains.
MWGS-33A	07/13/92	1100	<1.0	1.7	.85	7.8	5.49	---	22.0	---	
MWGS-33A	09/02/92	1610	<1.0	1.2	2.1	3.4	5.63	---	25.0	---	
MWGS-33A	10/15/92	1315	<1.0	---	---	---	---	---	---	---	
MWGS-33A	11/03/92	1400	<1.0	1.4	2.4	2.4	5.78	---	24.0	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-33A	01/05/93	1708	<1.0	1.0	5.0	3.2	5.54	---	21.0	---	
MWGS-33A	04/01/93	1710	<1.0	.5	1.9	3.4	5.65	---	19.0	---	
MWGS-33A	06/28/93	1620	<1.0	1.1	3.5	2.0	5.75	---	24.8	---	
MWGS-33A	08/05/93	1450	<1.0	1.0	---	---	5.70	---	27.0	---	
MWGS-33A	10/12/93	1600	<1.0	1.1	3.3	1.1	5.94	---	24.0	---	
MWGS-33A	11/18/93	1445	<1.0	---	<.05	.6	6.01	---	23.1	---	
MWGS-33A	01/10/94	1630	<1.0	---	---	.6	6.40	---	16.6	---	
MWGS-33A	04/25/94	1630	<1.0	.1	.58	1.0	6.63	---	24.3	---	
MWGS-33A	07/11/94	1655	1.5	.5	---	4	6.79	---	26.5	---	
MWGS-33A	10/31/94	1645	1.2	---	---	<.1	7.58	---	22.7	---	
MWGS-33A	01/30/95	1530	1.5	---	---	<.1	---	---	---	---	
MWGS-33A	04/10/95	1650	<1.0	.7	4.0	.7	6.79	---	20.3	---	
MWGS-33A	05/24/95	1130	<1.0	---	9.3	---	6.76	---	23.5	---	
MWGS-33A	06/01/95	1600	<1.0	---	6.4	3	6.94	---	23.6	---	
MWGS-33A	06/14/95	1130	<1.0	---	3.7	---	6.77	---	24.4	---	
MWGS-33A	06/22/95	1138	<1.0	---	3.2	---	6.97	---	25.4	---	
MWGS-33A	06/28/95	1115	<1.0	---	4.5	1.1	6.63	---	26.0	---	
MWGS-33A	07/31/95	1555	<1.0	.2	3.2	1.8	6.99	---	28.0	---	
MWGS-33A	08/18/95	1140	---	---	16	---	---	---	---	---	
MWGS-33A	08/23/95	1415	<1.0	---	12	.4	6.94	---	27.5	---	
MWGS-33A	08/31/95	1340	3.9	---	---	3	7.06	---	28.9	---	
MWGS-33A	09/07/95	1232	<1.0	---	2.1	.9	7.10	---	27.8	---	
MWGS-33A	09/13/95	1350	<1.0	1.0	11	.8	6.76	---	27.5	---	
MWGS-33A	09/20/95	---	<1.0	---	1.9	<.1	---	---	---	---	
MWGS-33B	01/14/92	1500	<1.0	12	---	4.2	4.98	58	21.5	---	
MWGS-33B	01/24/92	---	---	9.8	---	---	---	---	---	---	
MWGS-33B	03/05/92	---	---	5.6	---	---	5.02	---	---	---	
MWGS-33B	04/08/92	1540	<1.0	4.4	---	3.3	5.10	---	20.0	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-33B	04/24/92	1150	---	3.3	3.7	3.4	5.15	---	22.0	---	Well sampled after heavy rains.
MWGS-33B	07/13/92	1110	<1.0	2.8	2.1	3.0	5.20	---	21.0	---	
MWGS-33B	09/02/92	1600	<1.0	2.5	2.9	3.0	5.56	---	23.5	---	
MWGS-33B	10/15/92	1525	<1.0	2.6	2.7	---	---	---	---	---	
MWGS-33B	11/03/92	1405	<1.0	2.3	2.7	3.0	5.22	---	23.0	---	
MWGS-33B	01/05/93	1700	<1.0	3.6	3.7	3.0	5.15	---	22.0	---	
MWGS-33B	04/01/93	1650	<1.0	2.3	4.2	3.2	5.13	---	20.0	---	
MWGS-33B	06/28/93	1630	<1.0	3.0	3.2	2.2	5.19	---	22.9	---	
MWGS-33B	08/05/93	1500	<1.0	3.0	---	---	5.17	---	24.2	---	
MWGS-33B	10/12/93	1615	<1.0	>60	3.2	2.2	5.35	---	23.6	---	
MWGS-33B	11/18/93	1455	<1.0	5.0	3.5	2.5	5.29	---	23.9	---	
MWGS-33B	01/10/94	1700	<1.0	1.4	---	8.4	5.51	---	19.2	---	
MWGS-33B	04/25/94	1645	<1.0	2.1	3.5	1.4	5.01	---	29.4	---	
MWGS-33B	07/11/94	1715	<1.0	4.9	4.8	4.0	5.06	---	25.3	---	
MWGS-33B	10/31/94	1550	<1.0	3.9	4.8	2.6	5.66	---	23.0	---	
MWGS-33B	01/30/95	1500	<1.0	3.5	---	2.2	5.20	---	17.1	---	
MWGS-33B	04/10/95	1650	<1.0	5.0	4.0	2.4	5.45	---	21.6	---	
MWGS-33B	05/24/95	1145	<1.0	---	5.6	---	5.44	---	22.9	---	
MWGS-33B	06/01/95	1605	<1.0	---	7.4	2.3	5.54	---	22.3	---	
MWGS-33B	06/14/95	1140	<1.0	---	4.0	---	5.42	---	23.0	---	
MWGS-33B	06/22/95	1150	---	---	4.5	---	5.11	---	22.6	---	
MWGS-33B	06/28/95	1145	<1.0	---	5.6	2.7	5.20	---	25.7	---	
MWGS-33B	07/31/95	1630	<1.0	7.6	5.0	---	5.08	---	27.0	---	
MWGS-33B	08/16/95	1120	<1.0	---	6.6	2.9	4.95	---	24.8	---	
MWGS-33B	08/23/95	1500	<1.0	---	7.2	3.0	5.12	---	24.6	---	
MWGS-33B	08/31/95	1350	<1.0	---	6.4	3.0	5.02	---	28.0	---	
MWGS-33B	09/07/95	1223	<1.0	9.1	5.6	2.9	5.05	---	27.0	---	
MWGS-33B	09/13/95	1225	<1.0	11	6.4	3.0	5.07	---	25.6	---	
MWGS-33B	09/20/95	1150	<1.0	---	4.9	2.7	5.07	---	25.4	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-33B	09/27/95	1120	<1.0	---	8.0	3.0	5.02	---	25.3	---	
MWGS-33B	10/26/95	---	<1.0	---	6.4	3.8	4.60	---	24.9	---	
MWGS-33B	11/03/95	---	---	---	5.3	---	---	---	---	---	
MWGS-33B	12/05/95	1050	<1.0	---	6.1	---	---	---	---	---	
MWGS-33B	01/29/96	1100	<1.0	---	18	17	---	---	---	---	
MWGS-34A	01/14/92	1144	<1.0	7.4	---	5.6	5.40	75	20.0	---	
MWGS-34A	01/24/92	---	---	3.7	---	---	---	---	---	---	
MWGS-34A	03/05/92	---	---	1.5	---	---	5.58	---	---	---	
MWGS-34A	04/08/92	1055	<1.0	1.2	---	4.7	5.73	---	18.9	---	
MWGS-34A	04/24/92	1030	<1.0	1.2	2.4	5.6	5.57	---	22.1	---	
MWGS-34A	07/13/92	1400	<1.0	1.2	1.6	3.4	5.39	---	22.0	---	
MWGS-34A	09/02/92	1130	<1.0	---	---	4.2	5.82	---	24.9	---	
MWGS-34A	09/15/92	1045	<1.0	---	---	2.5	5.84	---	24.5	---	
MWGS-34A	09/29/92	1140	2.3	---	---	---	---	---	---	---	
MWGS-34A	10/15/92	1200	<1.0	---	---	---	---	---	---	---	
MWGS-34A	11/03/92	1215	<1.0	1.6	2.4	2.8	5.62	---	24.0	---	
MWGS-34A	01/05/93	1430	<1.0	.9	3.5	3.9	5.99	---	22.0	---	
MWGS-34A	04/01/93	1310	<1.0	.3	2.9	5.8	5.46	---	19.0	---	
MWGS-34A	06/28/93	1135	<1.0	2.5	4.2	6.2	5.67	---	24.3	---	
MWGS-34A	06/30/93	---	<1.0	---	---	---	---	---	---	---	
MWGS-34A	08/05/93	1150	<1.0	.6	---	---	5.21	---	26.5	---	
MWGS-34A	08/26/93	1305	---	---	---	---	5.24	---	26.7	---	
MWGS-34A	10/12/93	1215	<1.0	.7	4.8	1.5	5.82	---	25.3	---	
MWGS-34A	01/10/94	1030	<1.0	1.2	3.2	14	5.88	---	19.1	---	
MWGS-34A	01/20/94	1515	<1.0	---	---	---	5.50	---	18.2	---	
MWGS-34A	02/03/94	1445	<1.0	---	2.0	3.1	5.47	---	16.7	---	
MWGS-34A	02/08/94	1230	<1.0	---	2.9	---	5.74	---	18.5	---	
MWGS-34A	02/15/94	1145	<1.0	---	---	3.0	5.63	---	19.3	---	

Well sampled after heavy rains.

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-34A	02/28/94	1120	<1.0	---	---	6.0	5.71	---	17.3	---	
MWGS-34A	03/03/94	1400	1.9	---	---	4.6	5.66	---	18.6	---	
MWGS-34A	03/15/94	1050	<1.0	---	---	2.7	5.80	---	19.4	---	
MWGS-34A	04/25/94	1045	<1.0	0.40	0.16	14	5.77	---	24.5	---	
MWGS-34A	07/11/94	1315	2.7	1.0	---	18	5.26	---	26.0	---	
MWGS-34A	10/31/94	1445	2.7	---	---	<2	5.79	---	24.5	---	
MWGS-34A	01/30/95	1355	4.2	---	---	1.1	5.50	---	17.6	---	
MWGS-34A	04/10/95	1240	2.0	.9	---	1.4	5.59	---	21.3	---	
MWGS-34A	07/31/95	1215	1.9	.3	<.05	2.7	5.35	---	27.0	---	
MWGS-34B	01/14/92	1115	<1.0	15	---	32	4.92	670	21.0	---	
MWGS-34B	01/24/92	---	---	40	---	---	---	---	---	---	
MWGS-34B	03/05/92	---	---	18	---	---	5.05	---	---	---	
MWGS-34B	04/08/92	1300	<1.0	14	---	17	5.19	---	20.0	---	
MWGS-34B	04/24/92	1100	---	14	5.3	22	5.19	---	22.1	---	
MWGS-34B	07/13/92	1600	<1.0	13	4.8	21	5.23	---	20.5	---	
MWGS-34B	09/02/92	1115	<1.0	12	4.8	24	5.38	---	22.5	---	
MWGS-34B	09/15/92	1045	<1.0	16	6.1	22	5.42	---	22.5	---	
MWGS-34B	10/15/92	1135	<1.0	16	5.8	---	---	---	---	---	
MWGS-34B	11/03/92	0920	<1.0	15	5.6	20	5.03	---	23.0	---	
MWGS-34B	01/05/93	1425	<1.0	26	5.8	26	5.53	---	22.0	---	
MWGS-34B	04/01/93	1240	<1.0	33	4.5	20	5.48	---	20.0	---	
MWGS-34B	06/28/93	1310	<1.0	15	7.2	23	5.50	---	23.7	---	
MWGS-34B	08/05/93	1215	<1.0	48	---	---	5.45	---	25.8	---	
MWGS-34B	08/26/93	1313	---	---	---	---	5.66	---	26.6	---	
MWGS-34B	10/12/93	1030	<1.0	38	4.4	27	5.72	---	23.3	---	
MWGS-34B	01/10/94	1400	<1.0	13	3.2	23	5.80	---	19.2	---	
MWGS-34B	01/20/94	1505	<1.0	---	---	---	5.46	---	18.1	---	
MWGS-34B	02/03/94	1200	<1.0	---	4.0	25	5.55	---	18.5	---	

Well sampled after heavy rains.



**Table 4. --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996-- Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-34B	02/08/94	1100	<1.0	---	4.5	---	5.59	---	19.6	---	
MWGS-34B	02/15/94	1050	<1.0	---	4.2	25	5.46	---	20.3	---	
MWGS-34B	02/28/94	1045	<1.0	---	3.2	29	5.55	---	18.3	---	
MWGS-34B	03/03/94	1050	<1.0	31	3.5	15	5.62	---	19.0	---	
MWGS-34B	03/15/94	1010	<1.0	39	5.3	30	5.54	---	21.1	---	
MWGS-34B	03/21/94	1155	<1.0	>60	---	---	5.53	---	21.4	---	
MWGS-34B	04/25/94	1200	<1.0	13	6.1	21	5.64	---	22.0	---	
MWGS-34B	07/11/94	1310	<1.0	21	5.3	23	5.63	---	26.6	---	
MWGS-34B	10/31/94	1220	<1.0	7.0	5.8	22	5.77	---	25.1	---	
MWGS-34B	01/30/95	1210	<1.0	8.3	3.2	27	5.70	---	18.0	---	
MWGS-34B	04/10/95	1230	<1.0	9.4	5.8	6.1	5.64	---	21.7	---	
MWGS-34B	07/31/95	1220	<1.0	9.7	4.5	25	5.69	---	26.6	---	
MWGS-35	05/14/92	1747	---	---	---	---	6.08	---	---	---	
MWGS-35	07/14/92	1230	<1.0	2.8	---	10	6.50	---	20.0	---	
MWGS-35	11/10/92	1130	<1.0	3.8	.74	10	6.17	---	20.0	---	
MWGS-35	01/11/93	1450	<1.0	---	---	9.6	5.93	---	18.0	---	
MWGS-35	04/07/93	1355	<1.0	---	---	7.6	5.82	---	17.8	---	
MWGS-35	07/01/93	1320	<1.0	---	---	12	6.00	---	22.0	---	
MWGS-35	10/15/93	1230	<1.0	---	---	14	6.06	---	23.3	---	
MWGS-35	01/13/94	1150	<1.0	---	---	11	6.26	---	16.4	---	
MWGS-35	04/28/94	1030	<1.0	---	---	12	6.25	---	19.1	---	
MWGS-35	07/12/94	1300	<1.0	---	.32	11	6.12	---	22.9	---	Free product present.
MWGS-35	11/02/94	1640	---	2.3	---	---	5.98	---	21.0	---	Sheen on purge water surface; strong odor.
MWGS-35	02/01/95	1600	<1.0	4.5	---	10	6.05	---	18.3	---	
MWGS-35	04/12/95	1415	<1.0	3.5	.21	12	5.88	---	19.7	---	
MWGS-35	08/02/95	1330	<1.0	2.0	1.1	12	5.84	---	23.0	---	
MWGS-36	05/14/92	1645	---	---	---	---	6.68	---	---	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-36	07/14/92	1200	<1.0	2.1	0.58	4.5	7.13	---	19.5	---	
MWGS-36	11/10/92	1042	1.1	---	---	6.2	6.22	---	20.0	---	
MWGS-36	01/11/93	1200	<1.0	---	---	5.9	6.31	---	19.0	---	
MWGS-36	04/07/93	1515	<1.0	---	1.1	9.3	6.09	---	18.5	---	
MWGS-36	07/01/93	1310	<1.0	---	---	9.0	6.39	---	21.2	---	
MWGS-36	10/15/93	1150	<1.0	---	---	7.6	6.55	---	22.1	---	
MWGS-36	01/13/94	1036	<1.0	---	---	5.8	6.44	---	18.1	---	
MWGS-36	04/28/94	1000	<1.0	---	---	6.4	6.19	---	20.0	---	
MWGS-37	05/14/92	1734	---	---	---	---	6.22	---	---	---	
MWGS-37	07/14/92	1430	<1.0	5.8	.48	3.0	6.73	---	19.0	---	
MWGS-37	11/10/92	1210	<1.0	---	---	2.2	6.40	---	22.0	---	
MWGS-37	01/11/93	1420	<1.0	---	---	3.0	6.30	---	19.0	---	
MWGS-37	04/07/93	1500	<1.0	---	---	2.2	6.06	---	19.1	---	
MWGS-37	07/01/93	1250	<1.0	---	---	2.0	6.23	---	22.8	---	
MWGS-37	10/15/93	1120	<1.0	---	---	2.4	6.25	---	24.4	---	
MWGS-37	01/13/94	1150	<1.0	---	---	6.8	6.01	---	18.1	---	
MWGS-37	04/28/94	0900	---	---	---	5.5	5.96	---	19.9	---	
MWGS-38	05/14/92	1545	---	---	---	---	6.17	---	---	---	
MWGS-38	07/16/92	0915	<1.0	---	---	5.5	6.23	---	21.0	---	
MWGS-38	11/10/92	1340	<1.0	2.4	---	5.4	6.41	---	21.0	---	
MWGS-38	01/11/93	1350	<1.0	---	---	5.3	6.48	---	20.0	---	
MWGS-38	04/07/93	1545	<1.0	---	<21	9.2	6.02	---	20.6	---	
MWGS-38	07/01/93	1230	<1.0	---	---	7.8	5.96	---	22.0	---	
MWGS-39	04/09/92	1730	<1.0	1.1	---	18	6.05	---	19.1	---	
MWGS-39	05/13/92	1535	---	---	---	---	6.02	---	---	---	
MWGS-39	06/11/92	1130	<1.0	---	---	20	5.97	---	20.0	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-39	07/15/92	1525	<1.0	---	0.10	13	6.09	---	20.6	---	
MWGS-39	09/30/92	1150	<1.0	1.4	---	14	---	---	---	---	
MWGS-39	11/04/92	1130	<1.0	1.9	.11	14	6.05	---	22.5	---	
MWGS-39	01/06/93	1300	<1.0	1.8	---	12	6.09	---	21.8	---	
MWGS-39	04/02/93	1200	<1.0	1.2	.37	13	5.84	---	19.2	---	
MWGS-39	06/30/93	1320	<1.0	3.5	<.21	12	5.95	---	23.0	---	
MWGS-39	10/13/93	1350	<1.0	.7	---	---	6.31	---	24.4	---	
MWGS-39	01/11/94	1200	<1.0	1.2	---	---	6.25	---	20.3	---	
MWGS-39	04/27/94	0840	<1.0	---	---	---	6.21	---	21.3	---	
MWGS-39	07/14/94	1000	<1.0	.9	---	---	6.17	---	22.6	---	
MWGS-39	11/02/94	1110	<1.0	1.4	---	---	6.11	---	23.1	---	
MWGS-39	02/01/95	1110	<1.0	2.5	---	---	6.10	---	20.4	---	
MWGS-39	04/12/95	1115	<1.0	.2	---	---	6.05	---	21.1	---	
MWGS-39	08/02/95	0940	<1.0	2.3	---	---	6.18	---	22.4	---	
MWGS-40A	07/13/92	1800	<1.0	1.5	6.1	8.4	5.40	---	22.0	---	
MWGS-40A	09/02/92	1200	<1.0	---	---	2.8	5.58	---	25.0	---	
MWGS-40A	09/15/92	1530	<1.0	---	---	3.0	5.40	---	25.0	---	
MWGS-40A	09/29/92	1130	<1.0	---	---	---	---	---	---	---	
MWGS-40A	09/30/92	---	---	.7	---	2.0	---	---	---	---	
MWGS-40A	10/15/92	1225	<1.0	---	---	---	---	---	---	---	
MWGS-40A	11/03/92	1050	<1.0	.6	2.9	3.0	5.88	---	23.0	---	
MWGS-40A	01/05/93	1135	<1.0	.6	5.6	3.7	5.67	---	20.5	---	
MWGS-40A	04/01/93	1010	<1.0	.5	.64	17	5.09	---	19.0	---	
MWGS-40A	06/28/93	1040	<1.0	.7	2.7	3.8	5.29	---	22.7	---	
MWGS-40A	08/05/93	1110	<1.0	1.0	---	---	5.64	---	24.8	---	
MWGS-40A	08/26/93	1319	---	---	---	---	5.92	---	25.8	---	
MWGS-40A	10/12/93	1030	<1.0	.4	7.5	3.2	5.60	---	24.3	---	
MWGS-40A	01/10/94	1400	<1.0	.3	3.7	3.0	5.55	---	18.3	---	

**Table 4. --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-40A	04/25/94	1250	<1.0	0.3	3.5	12	5.37	---	25.2	---	
MWGS-40A	07/11/94	1340	<1.0	.7	---	1.6	5.48	---	25.8	---	
MWGS-40A	10/31/94	1050	1.6	.6	---	2.4	5.48	---	23.9	---	
MWGS-40A	01/30/95	1040	<1.0	---	---	2.7	5.20	---	15.7	---	
MWGS-40A	04/10/95	1200	<1.0	1.0	---	3.0	5.50	---	26.4	---	
MWGS-40A	07/31/95	1035	<1.0	1.8	2.1	3.0	5.15	---	23.2	---	
MWGS-40A	10/25/95	---	<1.0	---	.48	---	5.30	---	25.0	---	
MWGS-40B	07/13/92	1900	<1.0	25	5.3	25	4.77	---	21.0	---	
MWGS-40B	09/02/92	1345	<1.0	24	5.8	24	4.87	---	23.0	---	
MWGS-40B	09/15/92	1515	<1.0	---	---	17	4.93	---	23.0	---	
MWGS-40B	09/30/92	---	---	16	---	19	---	---	---	---	
MWGS-40B	10/15/92	1300	<1.0	17	7.4	---	---	---	---	---	
MWGS-40B	11/03/92	0915	<1.0	22	9.0	19	5.15	---	22.0	---	
MWGS-40B	01/05/93	1200	<1.0	24	8.5	17	5.03	---	22.0	---	
MWGS-40B	04/01/93	1045	<1.0	20	6.1	25	5.24	---	20.0	---	
MWGS-40B	06/28/93	1140	<1.0	14	6.4	18	5.40	---	23.7	---	
MWGS-40B	08/05/93	1140	<1.0	15	---	---	5.33	---	23.8	---	
MWGS-40B	08/26/93	1300	---	---	---	---	5.47	---	27.1	---	
MWGS-40B	10/12/93	1025	<1.0	26	5.7	26	5.58	---	22.5	---	
MWGS-40B	01/10/94	1430	<1.0	16	2.9	22	5.69	---	18.3	---	
MWGS-40B	01/20/94	1410	<1.0	---	---	---	5.39	---	16.0	---	
MWGS-40B	04/25/94	1110	<1.0	6.4	3.6	22	5.36	---	24.3	---	
MWGS-40B	07/11/94	1440	<1.0	16	5.6	22	5.53	---	32.2	---	
MWGS-40B	10/31/94	1055	<1.0	19	7.4	26	5.69	---	23.1	---	
MWGS-40B	01/30/95	1050	<1.0	14	5.8	27	5.90	---	16.4	---	
MWGS-40B	04/10/95	1210	<1.0	8.2	4.5	29	5.68	---	21.6	---	
MWGS-40B	07/31/95	1025	<1.0	9.0	4.2	21	5.69	---	27.6	---	
MWGS-40B	10/25/95	---	<1.0	---	2.9	18	5.57	---	25.4	---	

**Table 4.--**Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-41A	07/13/92	0900	<1.0	4.4	2.9	5.6	5.38	---	21.5	---	
MWGS-41A	09/02/92	1750	<1.0	2.2	1.3	2.5	5.44	---	25.0	---	
MWGS-41A	10/15/92	1635	<1.0	3.0	---	---	---	---	---	---	
MWGS-41A	11/03/92	1445	<1.0	---	4.0	2.1	5.44	---	23.5	---	
MWGS-41A	11/20/92	1100	<1.0	2.5	---	---	---	---	---	---	
MWGS-41A	01/05/93	1600	<1.0	3.4	4.0	5.0	5.24	---	21.0	---	
MWGS-41A	04/01/93	1510	<1.0	1.3	3.7	13	5.37	---	19.0	---	
MWGS-41A	06/28/93	1456	<1.0	3.9	4.0	3.8	5.41	---	23.5	---	
MWGS-41A	08/05/93	1425	<1.0	8.7	---	---	5.46	---	26.6	---	
MWGS-41A	10/12/93	1430	<1.0	1.9	3.6	2.3	5.85	---	25.0	---	
MWGS-41A	12/13/93	1440	1.0	---	---	.9	6.98	---	19.3	---	
MWGS-41A	01/10/94	1545	1.7	.1	---	.2	7.74	---	15.0	---	
MWGS-41A	04/25/94	1515	<1.0	.1	<.53	1.0	6.46	---	21.9	---	
MWGS-41A	07/12/94	0755	1.0	.6	---	.7	6.96	---	25.2	---	
MWGS-41A	10/31/94	1600	1.4	---	---	<.1	7.08	---	23.5	---	
MWGS-41A	01/30/95	1525	<1.0	1.2	---	.1	7.20	---	15.8	---	
MWGS-41A	04/10/95	1640	<1.0	.5	1.3	<.1	7.24	---	20.0	---	
MWGS-41A	05/11/95	1500	<1.0	---	1.9	---	7.13	---	22.2	---	
MWGS-41A	05/24/95	1245	<1.0	---	2.4	---	7.06	---	23.0	---	
MWGS-41A	06/01/95	1240	<1.0	---	4.0	.6	7.24	---	26.3	---	
MWGS-41A	06/14/95	1130	<1.0	---	3.7	---	7.20	---	24.2	---	
MWGS-41A	06/22/95	1205	<1.0	---	1.1	---	7.07	---	25.0	---	
MWGS-41A	06/28/95	1030	<1.0	---	3.5	<.1	7.08	---	25.4	---	
MWGS-41A	07/06/95	1335	---	---	3.5	---	---	---	---	---	
MWGS-41A	07/12/95	1100	---	---	3.5	---	---	---	---	---	
MWGS-41A	07/31/95	1510	<1.0	.7	4.0	1.0	7.24	---	28.0	---	
MWGS-41A	08/23/95	1315	<1.0	---	8.0	.8	7.08	---	26.5	---	Water color is black.
MWGS-41A	08/31/95	1135	3.7	---	---	<.1	7.41	---	27.4	---	
MWGS-41A	09/07/95	1245	<1.0	---	---	---	7.31	---	26.6	---	

**Table 4.**—Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-41A	09/20/95	---	<1.0	---	<1.6	---	---	---	---	---	---
MWGS-41B	07/13/92	0900	<1.0	2.1	2.7	3.8	5.43	---	20.5	---	---
MWGS-41B	09/02/92	1626	<1.0	1.4	2.9	3.5	5.32	---	23.5	---	---
MWGS-41B	10/15/92	1630	<1.0	6.5	---	---	---	---	---	---	---
MWGS-41B	11/03/92	1210	<1.0	---	4.0	7.2	4.88	---	23.0	---	---
MWGS-41B	11/20/92	1110	<1.0	8.3	---	---	---	---	---	---	---
MWGS-41B	01/05/93	1600	<1.0	2.5	4.0	2.3	5.11	---	21.7	---	---
MWGS-41B	04/01/93	1522	<1.0	.7	4.2	2.8	5.21	---	20.0	---	---
MWGS-41B	06/28/93	1530	<1.0	1.1	4.5	1.9	5.17	---	23.4	---	---
MWGS-41B	08/05/93	1445	<1.0	.9	---	---	5.30	---	24.1	---	---
MWGS-41B	10/12/93	1425	<1.0	1.5	4.0	3.0	5.48	---	25.0	---	---
MWGS-41B	01/10/94	1620	<1.0	1.4	---	22	5.19	---	16.5	---	---
MWGS-41B	04/25/94	1450	<1.0	1.8	4.5	9.2	5.06	---	25.4	---	---
MWGS-41B	07/12/94	0805	<1.0	7.3	8.5	6.2	5.10	---	23.6	---	---
MWGS-41B	10/31/94	1505	<1.0	2.4	4.0	2.3	5.59	---	24.5	---	---
MWGS-41B	01/30/95	1415	<1.0	5.8	5.0	4.8	4.70	---	15.1	---	---
MWGS-41B	04/10/95	1600	<1.0	4.3	2.7	6.0	5.17	---	21.1	---	---
MWGS-41B	05/11/95	---	<1.0	---	4.0	---	5.18	---	21.6	---	---
MWGS-41B	05/24/95	1300	<1.0	---	5.8	---	5.07	---	22.3	---	---
MWGS-41B	06/01/95	1430	<1.0	---	6.6	8.0	5.05	---	23.6	---	---
MWGS-41B	06/14/95	1100	<1.0	---	4.5	---	4.96	---	22.9	---	---
MWGS-41B	06/22/95	1225	<1.0	---	4.0	---	4.87	---	24.2	---	---
MWGS-41B	06/28/95	1110	<1.0	---	2.1	7.4	4.90	---	24.8	---	---
MWGS-41B	07/06/95	1348	---	---	4.8	---	---	---	---	---	---
MWGS-41B	07/12/95	1040	---	---	4.0	---	---	---	---	---	---
MWGS-41B	07/31/95	1500	<1.0	3.7	4.8	12	4.94	---	26.3	---	---
MWGS-41B	08/16/95	1100	<1.0	---	9.3	9.8	4.90	---	25.1	---	---
MWGS-41B	08/23/95	1345	<1.0	---	7.4	13	4.95	---	25.4	---	---

**Table 4.**--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
MWGS-41B	08/31/95	1150	<1.0	---	9.0	13	5.19	---	27.3	---	
MWGS-41B	09/07/95	1205	<1.0	1.9	12	26	4.93	---	25.0	---	
MWGS-41B	09/13/95	1205	<1.0	2.7	13	22	4.80	---	24.9	---	
MWGS-41B	09/20/95	1100	<1.0	---	14	29	5.10	---	23.6	---	
MWGS-41B	09/27/95	1035	<1.0	---	13	26	4.77	---	24.8	---	
MWGS-41B	10/26/95	---	<1.0	---	16	18	4.40	---	24.5	---	
MWGS-41B	11/03/95	---	---	---	13	---	---	---	---	---	
MWGS-41B	12/05/95	1100	<1.0	---	6.6	---	---	---	---	---	
MWGS-41B	01/29/96	1420	<1.0	---	6.6	22	---	---	---	---	
PW-01A	11/05/92	1210	<1.0	2.0	---	16	6.56	---	---	---	
PW-01A	01/07/93	1000	<1.0	5.1	---	---	6.36	---	---	---	
PW-01A	04/05/93	1045	<1.0	5.9	---	---	---	---	---	---	
PW-01A	06/29/93	0840	<1.0	5.8	<21	17	6.70	---	23.4	---	
PW-01A	10/14/93	1025	<1.0	2.3	---	---	6.54	---	23.5	---	
PW-01A	01/12/94	1615	<1.0	.9	---	---	6.76	---	18.9	---	
PW-01A	04/26/94	0920	<1.0	49	---	---	6.54	---	21.3	---	
PW-01B	01/07/93	1030	<1.0	1.6	---	---	7.12	---	---	---	
PW-02	12/14/90	1300	---	---	---	2.4	6.40	40	17.8	18	
PW-02	06/27/91	1249	<1.0	11	---	2.8	5.67	---	20.0	18	
PW-02	10/11/91	1519	<1.0	20	---	.8	5.84	---	22.0	---	
PW-02	01/17/92	1600	<1.0	---	---	.6	5.80	---	16.5	---	
PW-02	04/02/92	1215	<1.0	---	---	.8	6.00	---	17.8	---	
PW-02	05/15/92	1200	---	---	---	---	5.79	---	---	---	
PW-02	07/08/92	1000	<1.0	5.3	8.5	1.2	5.84	---	19.5	---	
PW-02	11/05/92	1010	<1.0	3.9	8.5	1.0	5.91	---	22.0	---	
PW-02	01/07/93	1430	<1.0	6.6	6.6	1.1	5.61	---	---	---	

Samples collected with peristaltic pump; samples degassing.

**Table 4.**--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
PW-02	04/06/93	1100	<1.0	7.9	4.2	1.0	5.65	---	16.9	---	
PW-02	06/29/93	1115	<1.0	1.6	5.0	2.8	5.65	---	21.5	---	
PW-02	10/14/93	1115	<1.0	4.0	---	---	5.98	---	23.2	---	
PW-02	01/12/94	1002	<1.0	11	---	1.6	6.09	---	17.2	---	
PW-02	04/26/94	1045	<1.0	3.5	---	1.9	5.84	---	19.6	---	Well currently in operation for irrigation
PW-02	07/13/94	1505	<1.0	5.1	---	---	5.68	---	26.2	---	Well currently in operation for irrigation.
PW-02	11/01/94	1045	<1.0	3.7	---	1.1	5.69	---	22.5	---	
PW-02	01/31/95	1050	<1.0	1.2	---	1.6	5.69	---	18.5	---	
PW-02	04/11/95	1050	<1.0	3.8	---	2.0	5.65	---	19.5	---	
PW-02	08/01/95	1055	<1.0	14	1.7	---	5.80	---	24.0	---	
PW-05	11/05/92	1510	<1.0	---	---	---	6.85	---	---	---	
PW-05	01/07/93	1600	---	---	---	---	5.99	---	---	---	
PW-05	04/06/93	1510	<1.0	---	---	2.0	6.05	---	18.4	---	
PW-05	08/24/93	1205	1.1	---	---	---	---	---	---	---	
PW-05	10/14/93	---	1.5	---	---	---	6.09	---	22.9	---	
SW-01	12/17/90	1145	5.0	---	---	---	7.42	90	17.7	---	
SW-01	07/02/91	1206	5.2	---	---	7.9	6.33	---	24.2	44	
SW-01	01/21/92	1045	7.1	---	---	5.6	6.64	---	14.3	---	
SW-01	04/02/92	1410	5.3	---	---	9.2	6.79	---	15.5	---	
SW-01	07/07/92	1100	5.5	---	---	9.0	6.78	---	24.0	---	
SW-01	11/02/92	1010	6.1	---	---	---	6.18	---	20.5	---	
SW-01	01/11/93	1010	---	---	---	---	6.37	---	---	---	
SW-01	10/26/95	---	---	---	---	4.1	---	---	---	---	
SW-02	12/17/90	1225	<1.0	---	---	---	6.22	310	17.9	---	
SW-02	07/02/91	1110	<1.0	---	---	12	6.48	---	24.0	200	
SW-02	01/21/92	1115	1.2	---	---	9.2	6.07	---	14.3	---	



**Table 4.** --Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
SW-02	04/02/92	1510	<1.0	---	---	11	6.52	---	15.2	---	
SW-02	07/07/92	1038	1.2	---	---	7.7	6.21	---	23.5	---	
SW-02	11/02/92	1035	2.3	---	---	---	6.43	---	20.0	---	
SW-02	01/11/93	1030	---	---	---	---	6.54	---	---	---	
SW-02	10/26/95	---	1.8	---	---	5.4	6.45	---	21.9	---	
SW-03	12/17/90	1310	4.9	---	---	---	6.78	440	21.3	---	Air introduced during sampling.
SW-03	07/02/91	1110	<1.0	---	---	24	6.73	---	24.5	59	
SW-03	01/21/92	1220	6.0	---	---	4.4	7.12	---	14.2	---	
SW-03	04/02/92	1545	5.0	---	---	4.4	6.82	---	15.5	---	
SW-03	07/07/92	1156	3.4	---	---	3.4	6.71	---	24.0	---	
SW-03	11/02/92	1104	2.8	---	---	---	6.78	---	20.0	---	
SW-03	01/11/93	1055	---	---	---	---	6.88	---	---	---	
SW-04	12/17/90	1350	3.0	---	---	---	8.17	240	20.6	---	
SW-04	07/02/91	1440	1.6	---	---	4.1	6.70	---	24.4	130	
SW-04	01/21/92	1400	5.4	---	---	3.8	6.78	---	14.4	---	
SW-04	04/02/92	1600	3.9	---	---	4.6	6.80	---	15.1	---	
SW-04	07/07/92	1233	1.7	---	---	3.7	6.86	---	22.5	---	
SW-04	11/02/92	1125	2.7	---	---	---	6.77	---	20.0	---	
SW-04	01/11/93	1105	---	---	---	---	7.09	---	---	---	
SW-05	12/17/90	1415	4.7	---	---	---	7.48	240	18.4	---	
SW-05	07/02/91	---	3.8	---	---	2.4	7.16	---	24.0	130	
SW-05	01/21/92	1300	7.0	---	---	2.6	7.25	---	13.6	---	
SW-05	04/02/92	1640	5.2	---	---	2.3	7.20	---	14.5	---	
SW-05	07/07/92	1300	3.7	---	---	3.0	6.91	---	23.0	---	
SW-05	11/02/92	1143	4.0	---	---	---	6.86	---	20.0	---	
SW-05	01/11/93	1115	---	---	---	---	7.14	---	---	---	

Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
SW-06	07/02/91	---	10	---	---	1.4	8.14	---	33.5	130	
SW-06	01/21/92	1345	7.0	---	---	1.2	6.86	---	13.6	---	
SW-06	04/02/92	1710	14	---	---	<.1	7.65	---	18.4	---	
SW-06	07/07/92	1330	9.8	---	---	.5	7.38	---	29.1	---	
SW-06	11/02/92	1154	3.9	---	---	---	6.88	---	20.5	---	
SW-06	01/11/93	1130	---	---	---	---	7.13	---	---	---	
SW-07	07/02/91	---	<1.0	---	---	3.0	6.46	---	27.5	120	
SW-07	01/21/92	1345	10	---	---	1.8	7.14	---	9.7	---	
SW-07	04/02/92	1745	3.6	---	---	1.9	6.89	---	13.0	---	
SW-07	07/07/92	1415	1.2	---	---	1.1	6.93	---	26.5	---	
SW-07	11/02/92	1215	5.9	---	---	---	7.00	---	18.0	---	
SW-07	01/11/93	1140	---	---	---	---	7.48	---	---	---	
SW-08	04/07/92	1135	---	---	---	---	6.46	---	16.3	---	
SW-08	11/02/92	1247	---	---	---	---	6.49	---	21.0	---	
SW-09	04/09/92	---	---	---	---	---	6.40	---	---	---	
SW-09	07/07/92	1151	---	---	---	---	6.45	---	---	---	
SW-09	11/02/92	1129	---	---	---	---	6.83	---	20.0	---	
SW-09	01/11/93	1045	---	---	---	---	7.21	---	---	---	
SW-11	06/11/92	---	---	---	---	5.5	---	---	---	---	
SW-12	07/07/92	1448	<1.0	---	0.16	16	6.33	---	24.0	---	
SW-12	01/11/93	1150	---	---	---	---	6.74	---	---	---	
SW-13	11/02/92	1323	---	---	---	---	6.65	---	21.5	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units;  $\mu$ S/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance ( $\mu$ S/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
SW-14	11/02/92	1314	---	---	---	---	6.58	---	22.0	---	
W-001	12/12/90	1540	<1.0	---	---	17	5.70	120	18.1	---	
W-001	06/25/91	1441	<1.0	7.2	---	4.0	6.07	---	24.0	47	
W-001	01/16/92	1530	<1.0	---	---	8.5	6.01	---	14.6	---	
W-001	01/24/92	---	---	3.2	---	---	---	---	---	---	
W-001	04/01/92	1245	<1.0	---	---	10	6.23	---	16.5	---	
W-001	04/07/92	---	---	.9	---	---	---	---	---	---	
W-001	07/07/92	1730	<1.0	2.0	---	15	6.06	---	23.0	---	
W-001	11/05/92	0906	<1.0	3.9	1.0	14	5.93	---	22.0	---	
W-001	01/07/93	1310	<1.0	1.8	.61	12	6.67	---	16.0	---	
W-001	04/06/93	0755	<1.0	2.0	.69	10	6.22	---	14.5	---	
W-001	06/29/93	0940	<1.0	1.8	.53	3.0	6.10	---	25.5	---	
W-001	10/14/93	0820	<1.0	1.6	---	---	6.31	---	24.5	---	
W-001	01/12/94	1130	<1.0	.6	---	---	6.33	---	14.1	---	
W-001	04/26/94	1020	<1.0	1.4	---	---	5.89	---	21.4	---	
W-001	07/13/94	0840	<1.0	1.5	---	---	6.02	---	26.6	---	
W-001	11/01/94	0935	<1.0	6.0	---	17	5.80	---	23.0	---	
W-001	01/31/95	0830	<1.0	2.1	---	28	6.10	---	13.6	---	
W-001	04/11/95	0920	<1.0	1.2	---	---	6.06	---	19.0	---	
W-001	08/01/95	0940	<1.0	1.9	---	---	5.98	---	28.1	---	
W-003	06/25/91	---	<1.0	11	---	<1.0	4.99	---	21.0	2.9	Samples degassing.
W-003	01/17/92	1630	2.6	---	---	1.0	4.89	---	21.0	---	
W-003	04/03/92	1320	3.7	---	---	1.0	5.21	---	19.0	---	
W-003	07/08/92	1610	2.6	---	---	1.2	5.13	---	19.5	---	
W-003	11/06/92	1100	2.4	---	---	1.0	5.13	---	22.0	---	
W-003	01/08/93	0910	3.3	---	---	.9	---	---	21.5	---	
W-003	04/06/93	1600	3.3	---	---	.8	4.62	---	18.5	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate I)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
W-003	06/29/93	1600	2.4	---	---	0.6	5.02	---	23.3	---	
W-003	10/14/93	1650	1.8	---	---	---	5.45	---	22.9	---	
W-003	01/12/94	1740	2.0	---	---	---	5.69	---	20.8	---	
W-003	04/28/94	1200	3.3	---	---	---	5.56	---	21.1	---	
W-003	07/13/94	1345	1.1	---	---	---	5.31	---	23.1	---	
W-003	11/01/94	1445	3.0	---	---	---	---	---	22.5	---	
W-003	01/31/95	1445	3.4	---	---	---	5.52	---	19.9	---	
W-003	04/11/95	1510	---	---	---	---	5.31	---	22.9	---	
W-003	08/01/95	1500	2.2	---	---	---	5.83	---	23.3	---	
W-103	12/13/90	---	<1.0	---	---	.7	5.33	85	22.0	10	
W-103	05/14/92	1330	---	---	---	---	5.99	---	---	---	Sheen on purge water surface.
W-103	07/16/92	1030	2.1	---	---	1.8	5.58	---	21.5	---	
W-105	12/13/90	---	<1.0	---	---	7.1	5.60	140	22.1	40	
W-105	06/24/91	1158	<1.0	6.0	---	16	5.97	---	19.8	31	
W-105	01/15/92	1333	<1.0	---	---	17	---	60	20.0	---	
W-105	04/07/92	1600	<1.0	.6	---	17	5.96	---	18.9	---	
W-105	06/10/92	1600	<1.0	---	---	16	5.97	---	20.0	---	
W-105	07/15/92	1530	<1.0	---	0.11	15	5.99	---	21.5	---	
W-105	09/30/92	1100	<1.0	1.6	---	14	---	---	---	---	
W-105	11/06/92	0905	<1.0	2.6	.13	16	6.59	---	22.0	---	
W-105	01/06/93	1050	<1.0	.7	<.05	15	5.90	---	21.0	---	
W-105	04/02/93	1115	<1.0	.5	.27	13	5.50	---	20.0	---	
W-105	05/13/93	1445	<1.0	---	---	20	5.91	---	20.0	---	
W-105	05/20/93	1250	<1.0	---	---	21	5.79	---	21.0	---	
W-105	05/27/93	1045	<1.0	---	---	18	6.06	---	20.5	---	
W-105	06/03/93	1030	<1.0	---	---	19	6.03	---	22.5	---	
W-105	06/08/93	1340	<1.0	---	---	18	5.87	---	21.5	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
W-105	06/24/93	1245	<1.0	---	---	23	6.02	---	25.0	---	
W-105	06/30/93	1100	<1.0	0.5	<0.27	---	6.25	---	22.8	---	
W-105	08/04/93	1300	<1.0	---	---	---	5.91	---	24.5	---	
W-105	09/14/93	1500	---	---	---	---	5.83	---	25.8	---	
W-105	10/13/93	1040	<1.0	.5	---	---	6.26	---	24.3	---	
W-105	01/11/94	1020	<1.0	.3	---	---	6.22	---	17.9	---	
W-105	04/26/94	1630	<1.0	.3	---	---	5.91	---	21.1	---	
W-105	07/14/94	0820	<1.0	---	---	---	6.21	---	25.5	---	
W-105	11/02/94	1040	<1.0	1.4	---	---	---	---	23.1	---	
W-105	02/01/95	1010	<1.0	1.1	---	---	6.06	---	20.1	---	
W-105	04/12/95	0950	<1.0	.2	---	---	5.93	---	21.5	---	
W-105	08/02/95	0835	<1.0	1.0	---	---	6.32	---	24.6	---	
W-107	07/01/91	1221	<1.0	---	---	6.0	4.69	---	---	8.4	
W-107	01/15/92	1530	<1.0	30	---	4.6	4.95	90	20.5	---	
W-107	04/09/92	1230	<1.0	1.5	3.9	6.2	5.30	---	19.5	---	
W-107	07/15/92	1230	<1.0	2.3	.80	4.8	5.46	---	23.0	---	
W-108	12/13/90	---	<1.0	---	---	18	4.32	180	21.6	---	
W-108	07/01/91	---	<1.0	19	---	22	4.79	---	21.5	24	
W-108	01/15/92	1400	<1.0	2.1	---	3.8	5.18	41	21.0	---	
W-108	04/09/92	1400	<1.0	1.0	2.9	3.6	5.22	---	18.9	---	
W-108	07/15/92	1320	<1.0	1.4	.85	2.3	5.85	---	22.5	---	
WT-06	07/08/91	---	1.2	---	---	1.2	4.78	---	22.9	3.0	Bubbles in peristaltic-pump tubing.
WT-06	04/03/92	1415	2.5	---	---	1.4	4.93	---	15.5	---	
WT-06	06/29/93	1520	1.5	---	---	1.0	5.12	---	24.3	---	
WT-06	04/27/94	1600	---	---	---	.8	5.30	---	27.3	---	
WT-06	04/11/95	1630	2.4	---	---	.7	5.10	---	20.8	---	

**Table 4.--Water-quality constituents and properties measured in the field at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.--Continued**

[mg/L, milligrams per liter; nM, nanomolar = nanomoles per liter; H<sub>2</sub>S, hydrogen sulfide; su, standard units; µS/cm, microsiemens per centimeter; °C, degrees Celsius; CaCO<sub>3</sub>, calcium carbonate; ---, not analyzed or recorded; <, less than (number indicates minimum detection limit); >, greater than]

Site identification (plate 1)	Date	Time	Dissolved oxygen (mg/L)	Hydrogen sulfide (nM)	Total sulfide as H <sub>2</sub> S (mg/L)	Ferrous iron (mg/L)	pH (su)	Specific conductance (µS/cm)	Temperature (°C)	Titrated alkalinity as CaCO <sub>3</sub> (mg/L)	Remarks
WT-06	08/01/95	1600	1.7	---	---	0.8	5.23	---	26.8	---	
WT-06	10/26/95	---	3.3	---	---	---	5.25	---	22.3	---	
WT-07	07/08/91	---	1.2	---	---	.7	4.79	---	25.3	9.8	Bubbles in peristaltic-pump tubing.
WT-07	01/21/92	1630	---	---	---	.4	5.31	---	21.7	---	
WT-07	04/03/92	1515	4.5	---	---	<.1	5.13	---	15.2	---	
WT-07	07/10/92	1300	3.0	---	---	.8	4.91	---	24.0	---	
WT-07	11/06/92	1035	4.2	---	---	1.0	5.13	---	20.5	---	
WT-07	01/08/93	1000	3.2	---	---	1.0	5.72	---	16.5	---	
WT-07	04/06/93	1643	1.1	---	---	1.0	4.74	---	15.1	---	
WT-07	10/14/93	1540	---	---	---	.6	5.45	---	23.8	---	
WT-07	01/12/94	1630	5.7	---	---	.8	5.70	---	14.1	---	
WT-07	07/13/94	1520	<1.0	---	---	1.5	4.83	---	27.1	---	
WT-07	11/01/94	1545	---	3.0	---	4.5	---	---	---	---	
WT-07	01/31/95	1505	<1.0	---	---	3.9	5.43	---	13.0	---	
WT-07	10/26/95	---	2.5	---	---	5.0	5.71	---	22.3	---	

**Table 5.**--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
DW-1	02/28/94	---	---	---	---	---	---	---	58	<1.0	<1.0	<5.0	<5.0	
DW-1	01/11/95	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
DW-1	06/22/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	
DW-1	12/19/95	12	---	---	---	---	---	---	---	---	---	---	---	
EW-01	06/27/91	8.0	<1.0	15	58	12	<20	---	---	2.5	1.5	<4	<8	
EW-01	05/15/92	4.0	<1.0	22	180	47	<20	---	---	---	---	---	---	
EW-01	06/09/92	4.0	1.2	21	84	28	<20	---	540	<5	<5	<5	<5.0	
EW-01	07/08/92	4.9	1.6	39	150	48	45	---	240	<1	<1	<5	<5.0	
EW-01	08/12/92	4.6	1.7	37	170	17	47	---	---	---	---	---	---	
EW-01	09/03/92	5.1	1.7	33	100	32	<20	---	---	---	---	---	---	
EW-01	10/06/92	4.2	1.7	31	43	39	31	---	---	---	---	---	---	
EW-01	11/02/92	5.7	1.6	30	130	12	<20	---	420	1.3	3.5	<5.0	<5.0	
EW-01	12/18/92	7.3	2.1	35	130	<10	<20	---	---	---	---	---	---	
EW-01	01/08/93	6.6	<1.0	44	170	<10	27	---	---	---	---	---	---	
EW-01	02/17/93	8.3	<1.0	20	33	<10	<20	---	---	---	---	---	---	
EW-01	03/18/93	6.8	1.1	32	180	<10	<20	---	---	---	---	---	---	
EW-01	04/07/93	4.7	<1.0	26	110	<10	<20	---	---	---	---	---	---	
EW-01	05/13/93	5.0	<1.0	25	52	16	<20	---	---	---	---	---	---	
EW-01	07/01/93	5.1	<1.0	<50	89	<50	<100	---	---	---	---	---	---	
EW-01	08/04/93	4.5	<1.0	29	91	14	36	---	---	---	---	---	---	
EW-01	09/14/93	4.2	1.1	24	120	<10	29	---	---	---	---	---	---	
EW-01	10/15/93	5.2	<1.0	59	200	<10	41	---	---	---	---	---	---	
EW-01	11/18/93	4.5	<1.0	28	120	<10	<20	---	270	---	---	---	---	
EW-01	12/13/93	3.9	1.2	4.1	13	<2.0	<4.0	---	220	---	---	---	---	
EW-01	01/13/94	3.2	<1.0	17	63	2.5	<4.0	---	290	---	---	---	---	
EW-01	02/03/94	5.0	<1.0	17	63	<10	<20	---	250	---	---	---	---	
EW-01	03/03/94	6.2	1.2	12	<2.0	<2.0	28	---	280	---	---	---	---	
EW-01	04/27/94	5.3	<1.0	17	71	2.2	<4.0	---	280	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-01	05/23/94	4.6	1.6	18	49	3.6	8.6	---	310	---	---	---	---	---
EW-01	06/22/94	5.5	<1.0	16	40	<2.0	4.9	---	200	---	---	---	---	---
EW-01	07/15/94	4.5	1.5	14	79	<7.5	<7.5	---	220	---	---	---	---	---
EW-01	08/23/94	3.7	1.3	24	22	<2.0	6.6	---	240	---	---	---	---	---
EW-01	09/20/94	6.0	1.1	15	72	3.4	<4.0	---	290	---	---	---	---	---
EW-01	11/03/94	<10	1.8	12	30	<2.0	<4.0	---	290	---	---	---	---	---
EW-01	11/30/94	8.7	1.4	23	87	<2.0	6.7	---	380	---	---	---	---	---
EW-01	12/20/94	6.9	<1.0	38	110	<10	<20	---	370	---	---	---	---	---
EW-01	01/31/95	11	1.1	20	120	<10	<20	---	380	---	---	---	---	---
EW-01	02/28/95	13	1.3	25	170	<2.0	9.3	---	330	---	---	---	---	---
EW-01	03/21/95	11	1.3	<50	240	<50	<100	---	290	---	---	---	---	---
EW-01	04/11/95	8.1	1.1	30	170	<10	<20	---	340	---	---	---	---	---
EW-01	05/11/95	8.6	1.2	12	85	2.2	<4.0	---	340	---	---	---	---	---
EW-01	06/14/95	9.0	2.2	<10	100	<10	<20	---	370	---	---	---	---	---
EW-01	08/01/95	8.6	<1.0	6.8	68	<2.0	<6.0	---	290	---	---	---	---	---
EW-01	08/31/95	5.1	<1.0	3.3	19	<2.0	<6.0	---	180	---	---	---	---	---
EW-01	09/27/95	7.5	<1.0	8.8	10	<2.0	<6.0	---	120	---	---	---	---	---
EW-02	06/28/91	12	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	6.7	120	2.1	2.7	---
EW-02	05/15/92	16	<1.0	57	40	13	44	---	---	---	---	---	---	---
EW-02	06/09/92	10	<1.0	150	110	25	170	---	480	1.6	150	<.5	<5.0	---
EW-02	07/08/92	<1.0	1.0	150	100	27	200	---	480	1.6	140	<.5	<5.0	---
EW-02	08/12/92	7.8	1.8	150	150	30	290	---	---	---	---	---	---	---
EW-02	09/03/92	6.9	1.7	160	160	25	330	---	---	---	---	---	---	---
EW-02	10/06/92	7.4	4.2	440	350	68	1,100	---	---	---	---	---	---	---
EW-02	11/02/92	7.3	1.8	94	89	21	160	---	530	2.6	160	<5.0	<5.0	---
EW-02	12/18/92	6.5	1.3	98	90	<20	190	---	---	---	---	---	---	---
EW-02	01/08/93	5.2	<1.0	160	160	22	330	---	---	---	---	---	---	---
EW-02	02/17/93	5.8	1.7	200	190	21	520	---	---	---	---	---	---	---
EW-02	03/18/93	3.2	<1.0	110	170	27	340	---	---	---	---	---	---	---



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-02	04/07/93	2.7	<1.0	140	170	22	370	---	---	---	---	---	---	
EW-02	05/13/93	2.5	<1.0	130	160	<20	350	---	---	---	---	---	---	
EW-02	06/08/93	2.1	<1.0	84	99	<20	200	---	---	---	---	---	---	
EW-02	07/01/93	2.7	<1.0	140	200	<20	460	---	---	---	---	---	---	
EW-02	08/04/93	<1.0	<1.0	220	280	47	580	---	---	---	---	---	---	
EW-02	09/14/93	6.0	<1.0	280	410	51	940	---	---	---	---	---	---	
EW-02	10/15/93	4.8	<1.0	260	260	<20	600	---	---	---	---	---	---	
EW-02	11/18/93	8.2	<1.0	320	360	51	750	---	590	---	---	---	---	
EW-02	12/13/93	4.5	1.3	24	31	3.6	70	---	460	---	---	---	---	
EW-02	01/13/94	3.7	<1.0	140	160	22	350	---	440	---	---	---	---	
EW-02 (R)	01/13/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	
EW-02	02/03/94	6.7	1.5	270	380	<50	900	---	690	---	---	---	---	
EW-02	03/03/94	6.3	1.2	54	<10	<10	57	---	450	---	---	---	---	
EW-02	04/27/94	5.9	1.0	120	94	<20	570	---	360	---	---	---	---	
EW-02 (R)	04/27/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	
EW-02	05/23/94	5.6	1.6	74	82	16	250	---	410	---	---	---	---	
EW-02	06/22/94	7.3	<1.0	73	98	16	350	---	430	---	---	---	---	
EW-02	07/15/94	6.3	1.6	93	140	9.7	330	---	680	---	---	---	---	
EW-02 (R)	07/15/94	---	1.5	---	---	---	---	---	---	---	---	---	---	
EW-02	08/23/94	3.2	1.8	110	73	13	270	---	460	---	---	---	---	
EW-02	09/20/94	6.7	1.5	99	170	15	530	---	570	---	---	---	---	
EW-02	11/03/94	6.4	1.8	56	97	<10	950	---	480	---	---	---	---	
EW-02	11/30/94	6.1	1.2	75	180	<50	620	---	620	---	---	---	---	
EW-02	12/20/94	5.4	<1.0	130	260	<50	860	---	650	---	---	---	---	
EW-02	01/31/95	5.8	1.1	190	420	<50	1,200	---	1,200	---	---	---	---	
EW-02 (R)	01/31/95	---	1.2	---	---	---	---	---	---	---	---	---	---	
EW-02	02/28/95	6.1	1.9	120	370	<50	1,800	---	600	---	---	---	---	
EW-02	03/21/95	4.4	1.7	150	420	<50	1,200	---	700	---	---	---	---	
EW-02	04/11/95	3.5	1.1	110	300	39	670	---	640	---	---	---	---	
EW-02 (R)	04/11/95	---	1.3	---	---	---	---	---	---	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-02	05/11/95	7.4	1.5	69	220	13	440	---	610	---	---	---	---	---
EW-02	06/14/95	8.4	1.8	33	100	<10	200	---	620	---	---	---	---	---
EW-02	08/01/95	8.2	1.4	60	240	16	430	---	840	---	---	---	---	---
EW-02	08/31/95	6.2	<1.0	48	210	17	460	---	520	---	---	---	---	---
EW-02	09/27/95	7.5	1.5	65	220	15	520	---	510	---	---	---	---	---
EW-03	06/28/91	<2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	4.3	<0.4	<0.8	---
EW-03	05/15/92	<1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
EW-03	06/09/92	<1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	17	3.8	1.0	<5	<5.0	---
EW-03	07/08/92	2.2	<1.0	2.4	<2.0	3.2	7.4	---	<6.8	<1	<1	<5	<5.0	---
EW-03	08/12/92	<1.0	1.7	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
EW-03	11/06/92	1.0	---	<2.0	<2.0	<2.0	<4.0	---	16	<1.0	13	<5.0	<5.0	---
EW-03	01/08/93	<1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
EW-03	04/07/93	<1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
EW-04	06/28/91	1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	1.9	<4	<8	---
EW-04	05/15/92	<1.0	<1.0	<2.0	<2.0	12	<4.0	---	---	---	---	---	---	---
EW-04	06/09/92	<1.0	<1.0	<2.0	<2.0	6.5	<4.0	---	21	1.6	<5	<5	<5.0	---
EW-04	07/10/92	<1.0	<1.0	2.5	<2.0	6.5	7.5	---	19	<1	<1	<5	<5.0	---
EW-04	08/12/92	1.0	1.9	<2.0	<2.0	2.9	6.2	---	---	---	---	---	---	---
EW-04	11/06/92	1.6	<1.0	<2.0	<2.0	2.4	<4.0	---	94	<1.0	<1.0	<5.0	<5.0	---
EW-04	01/08/93	<1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
EW-04	04/07/93	<1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
EW-05	06/28/91	3.0	2.0	3.6	3.6	<2.0	15	---	---	---	.7	<4	<8	---
EW-05	05/15/92	2.0	1.7	120	360	<100	1,300	---	---	---	---	---	---	---
EW-05 (R)	05/15/92	---	---	110	390	<100	1,500	---	---	---	---	---	---	---
EW-05	06/09/92	2.0	4.9	350	240	200	1,200	---	630	<5	<5	<5	<5.0	---
EW-05 (R)	06/09/92	2.0	5.1	290	200	180	960	---	650	<5	<5	<5	<5.0	---
EW-05	07/09/92	2.7	4.6	280	170	150	1,200	---	390	<1	<1	<5	<5.0	---

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-05	08/12/92	3.8	4.3	430	360	310	2,000	---	---	---	---	---	---	---
EW-05	10/06/92	2.4	4.8	420	110	320	1,600	---	---	---	---	---	---	---
EW-05	11/02/92	3.1	3.7	210	93	73	860	---	400	<1.0	<1.0	<5.0	<5.0	<5.0
EW-05	12/18/92	2.6	4.0	140	110	35	560	---	---	---	---	---	---	---
EW-05 (R)	12/18/92	2.5	3.9	130	93	31	500	---	---	---	---	---	---	---
EW-05	01/11/93	2.2	3.8	280	260	140	1,100	---	---	---	---	---	---	---
EW-05	02/17/93	2.3	2.2	140	71	<50	900	---	---	---	---	---	---	---
EW-05	03/18/93	1.7	2.4	200	190	88	910	---	---	---	---	---	---	---
EW-05 (R)	03/18/93	<2.0	2.3	230	200	100	1,000	---	---	---	---	---	---	---
EW-05	04/07/93	1.6	2.0	250	150	240	740	---	---	---	---	---	---	---
EW-05	08/04/93	3.0	1.0	330	200	190	790	---	---	---	---	---	---	---
EW-05	09/14/93	3.7	2.3	280	250	270	1,100	---	---	---	---	---	---	---
EW-05	10/15/93	3.9	2.3	390	330	290	1,300	---	---	---	---	---	---	---
EW-05	11/18/93	5.2	2.7	310	330	160	1,300	---	400	---	---	---	---	---
EW-05	12/13/93	3.6	3.4	44	52	28	210	---	310	---	---	---	---	---
EW-05	01/13/94	2.5	<1.0	170	160	73	780	---	440	---	---	---	---	---
EW-05	02/03/94	3.1	3.5	190	250	120	1,200	---	460	---	---	---	---	---
EW-05	03/03/94	4.3	3.1	150	<20	<20	150	---	420	---	---	---	---	---
EW-05	04/27/94	5.5	3.2	140	210	140	840	---	430	---	---	---	---	---
EW-05	05/23/94	4.8	4.3	150	200	120	730	---	490	---	---	---	---	---
EW-05	06/22/94	4.6	2.9	77	130	57	580	---	470	---	---	---	---	---
EW-05	07/15/94	4.6	2.8	140	220	86	780	---	540	---	---	---	---	---
EW-05	08/23/94	<5.0	3.5	270	130	210	480	---	470	---	---	---	---	---
EW-05	09/20/94	5.8	2.0	320	96	270	23	---	560	---	---	---	---	---
EW-05	11/03/94	5.5	3.5	71	110	27	1,100	---	460	---	---	---	---	---
EW-05	11/30/94	5.8	2.7	140	220	56	900	---	590	---	---	---	---	---
EW-05	12/20/94	5.3	1.7	180	220	79	840	---	730	---	---	---	---	---
EW-05	01/31/95	5.5	2.3	190	56	58	600	---	730	---	---	---	---	---
EW-05	02/28/95	3.5	2.7	140	210	58	1,600	---	610	---	---	---	---	---
EW-05	03/21/95	3.6	2.6	180	280	<50	1,300	---	640	---	---	---	---	---

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-05	04/12/95	3.0	2.3	130	220	67	780	---	540	---	---	---	---	---
EW-05	05/11/95	5.0	3.3	120	180	56	670	---	580	---	---	---	---	---
EW-05	06/14/95	5.9	3.5	88	170	<20	570	---	720	---	---	---	---	---
EW-05	08/02/95	5.4	1.7	62	120	<20	430	---	500	---	---	---	---	---
EW-05	08/31/95	5.4	1.2	30	40	<20	310	---	290	---	---	---	---	---
EW-05	09/27/95	5.4	3.0	72	170	21	640	---	370	---	---	---	---	---
EW-06	06/28/91	4.0	1.0	<2.0	<2.0	<2.0	<4.0	---	---	1.9	3.2	<0.4	<0.8	---
EW-06	05/15/92	1.0	1.5	36	100	25	380	---	---	---	---	---	---	---
EW-06 (R)	05/15/92	---	---	35	120	26	420	---	---	---	---	---	---	---
EW-06	06/10/92	1.4	4.5	93	110	220	440	---	470	<.5	<.5	<.5	<5.0	---
EW-06	07/10/92	2.2	3.0	96	130	280	740	68	380	<.1	<.1	<.5	<5.0	---
EW-06 (R)	07/10/92	3.1	2.7	140	190	280	730	88	400	<.1	<.1	<.5	<5.0	---
EW-06	08/12/92	5.7	4.7	120	250	170	1,100	---	---	---	---	---	---	---
EW-06	09/03/92	2.0	3.9	69	140	71	560	---	---	---	---	---	---	---
EW-06	10/06/92	2.0	4.4	130	190	160	750	---	---	---	---	---	---	---
EW-06	11/02/92	2.9	4.0	90	140	100	470	---	430	1.3	6.3	<5.0	<5.0	---
EW-06	12/18/92	2.3	13	80	110	63	340	---	---	---	---	---	---	---
EW-06	01/11/93	1.8	3.6	90	160	81	540	---	---	---	---	---	---	---
EW-06	02/17/93	5.6	1.9	110	140	110	480	---	---	---	---	---	---	---
EW-06 (R)	02/17/93	2.7	2.1	98	130	110	470	---	---	---	---	---	---	---
EW-06	03/18/93	1.6	2.9	170	240	170	740	---	---	---	---	---	---	---
EW-06	04/07/93	1.9	2.8	360	230	650	860	---	---	---	---	---	---	---
EW-06	05/13/93	2.3	2.9	620	350	940	1,300	---	---	---	---	---	---	---
EW-06 (R)	05/13/93	2.1	2.8	580	350	940	1,300	---	---	---	---	---	---	---
EW-06	06/08/93	2.4	2.2	450	330	760	1,200	---	---	---	---	---	---	---
EW-06	08/04/93	3.4	1.5	370	300	490	1,000	---	---	---	---	---	---	---
EW-06 (R)	08/04/93	5.9	2.5	400	330	540	1,200	---	---	---	---	---	---	---
EW-06	09/14/93	4.2	2.9	300	270	510	970	---	---	---	---	---	---	---
EW-06 (R)	09/14/93	3.3	3.0	350	300	600	1,100	---	---	---	---	---	---	---

**Table 5**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-06	10/15/93	2.8	3.7	500	400	650	1,300	---	---	---	---	---	---	---
EW-06	11/18/93	4.0	3.5	400	380	530	1,300	---	410	---	---	---	---	---
EW-06	12/13/93	3.6	3.8	62	60	82	210	---	280	---	---	---	---	---
EW-06 (R)	12/13/93	3.4	4.0	56	60	83	210	---	310	---	---	---	---	---
EW-06	01/13/94	2.8	2.6	<2.0	<2.0	<2.0	<4.0	---	400	---	---	---	---	---
EW-06 (R)	01/13/94	---	3.8	---	---	---	---	---	---	---	---	---	---	---
EW-06	02/03/94	3.5	3.9	<200	220	<200	890	---	410	---	---	---	---	---
EW-06	03/03/94	5.2	4.2	240	320	390	1,300	---	400	---	---	---	---	---
EW-06	04/27/94	5.5	4.0	190	220	280	810	---	540	---	---	---	---	---
EW-06 (R)	04/27/94	---	3.8	---	---	---	---	---	---	---	---	---	---	---
EW-06	05/23/94	4.3	4.5	220	280	280	850	---	450	---	---	---	---	---
EW-06	06/22/94	4.9	4.0	410	220	200	790	---	420	---	---	---	---	---
EW-06	07/15/94	3.9	4.3	110	300	110	860	---	580	---	---	---	---	---
EW-06 (R)	07/15/94	---	4.1	---	---	---	---	---	---	---	---	---	---	---
EW-06	08/23/94	5.2	4.9	240	200	180	610	---	500	---	---	---	---	---
EW-06	09/20/94	5.4	4.0	250	360	440	1,200	---	450	---	---	---	---	---
EW-06	11/03/94	5.3	5.4	99	140	170	1,100	---	460	---	---	---	---	---
EW-06 (R)	11/03/94	---	---	110	160	190	1,300	---	---	---	---	---	---	---
EW-06	11/30/94	5.9	4.4	360	320	580	1,200	---	550	---	---	---	---	---
EW-06	12/20/94	4.6	3.7	400	380	430	1,300	---	580	---	---	---	---	---
EW-06	01/31/95	6.0	3.5	310	310	89	890	---	750	---	---	---	---	---
EW-06 (R)	01/31/95	---	3.4	---	---	---	---	---	---	---	---	---	---	---
EW-06	02/28/95	2.3	4.0	160	260	51	1,300	---	410	---	---	---	---	---
EW-06	03/21/95	3.9	3.4	210	300	71	850	---	450	---	---	---	---	---
EW-06	04/12/95	3.6	2.8	140	260	68	620	---	530	---	---	---	---	---
EW-06 (R)	04/12/95	---	2.5	---	---	---	---	---	---	---	---	---	---	---
EW-06	05/11/95	5.2	3.5	110	220	59	560	---	420	---	---	---	---	---
EW-06	06/14/95	6.1	3.7	<50	190	<50	430	---	510	---	---	---	---	---
EW-06	08/02/95	7.3	2.6	69	180	<50	460	---	530	---	---	---	---	---
EW-06 (R)	08/02/95	---	3.9	---	---	---	---	---	---	---	---	---	---	---

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-06	08/31/95	5.3	3.3	<50	150	<50	360	---	330	---	---	---	---	---
EW-06	09/27/95	4.6	3.4	39	210	47	500	---	300	---	---	---	---	---
EW-07	06/28/91	3.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	3.9	0.4	<0.4	<0.8	
EW-07	05/15/92	1.0	<1.0	<10	18	46	55	---	---	---	---	---	---	
EW-07 (R)	05/15/92	---	---	2.0	12	40	40	---	---	---	---	---	---	
EW-07	06/10/92	2.0	2.4	18	51	200	220	---	130	<.5	<.5	<.5	<5.0	
EW-07	07/10/92	6.1	3.3	12	61	190	250	---	170	<.1	<.1	<.5	<5.0	
EW-07	08/12/92	2.3	2.5	22	95	260	370	---	---	---	---	---	---	
EW-07 (R)	08/12/92	1.2	1.9	26	100	300	370	---	---	---	---	---	---	
EW-07	09/03/92	3.1	4.5	23	130	440	560	---	---	---	---	---	---	
EW-07	10/06/92	3.1	5.0	59	130	330	550	---	---	---	---	---	---	
EW-07	11/02/92	3.3	2.7	<20	60	100	210	---	200	1.5	<1.0	<5.0	<5.0	
EW-07	12/18/92	2.4	2.5	6.3	45	46	140	---	---	---	---	---	---	
EW-07	01/11/93	2.3	2.1	25	86	100	250	---	---	---	---	---	---	
EW-07	02/17/93	2.5	6.1	<20	81	130	360	---	---	---	---	---	---	
EW-07	03/18/93	1.9	1.3	20	110	79	310	---	---	---	---	---	---	
EW-07	04/07/93	2.0	1.9	39	120	470	620	---	---	---	---	---	---	
EW-07	05/13/93	1.8	1.4	61	110	440	550	---	---	---	---	---	---	
EW-07	06/08/93	2.5	<1.0	<20	28	130	270	---	---	---	---	---	---	
EW-07	07/01/93	2.1	1.4	<20	76	280	390	---	---	---	---	---	---	
EW-07	08/04/93	4.4	1.0	<20	94	270	370	---	---	---	---	---	---	
EW-07	09/14/93	3.6	2.0	<20	130	430	580	---	---	---	---	---	---	
EW-07	10/15/93	4.1	2.2	<10	100	360	430	---	---	---	---	---	---	
EW-07	11/18/93	3.0	1.9	<10	91	210	320	---	200	---	---	---	---	
EW-07	12/13/93	3.0	2.6	<2.0	12	32	48	---	180	---	---	---	---	
EW-07	01/13/94	2.4	1.8	<10	90	190	370	---	340	---	---	---	---	
EW-07 (R)	01/13/94	---	2.2	---	---	---	---	---	---	---	---	---	---	
EW-07	02/03/94	3.5	2.5	<20	80	210	340	---	240	---	---	---	---	
EW-07	03/03/94	3.9	2.8	<40	130	470	870	---	230	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-07	04/27/94	3.7	2.7	<50	80	170	360	---	190	---	---	---	---	
EW-07 (R)	04/27/94	---	3.0	---	---	---	---	---	---	---	---	---	---	
EW-07	05/23/94	4.2	3.4	<20	75	130	250	---	130	---	---	---	---	
EW-07	06/22/94	4.3	2.2	16	48	48	160	---	180	---	---	---	---	
EW-07	07/15/94	4.1	3.3	<38	130	140	410	---	240	---	---	---	---	
EW-07 (R)	07/15/94	---	3.1	---	---	---	---	---	---	---	---	---	---	
EW-07	08/23/94	4.6	13	12	99	210	420	---	200	---	---	---	---	
EW-07	09/20/94	4.2	3.0	30	130	150	490	---	280	---	---	---	---	
EW-07	11/03/94	1.7	5.1	<20	110	120	1,100	---	250	---	---	---	---	
EW-07 (R)	11/03/94	---	---	<20	110	120	1,000	---	---	---	---	---	---	
EW-07	11/30/94	5.6	3.6	<20	130	130	510	---	300	---	---	---	---	
EW-07	12/20/94	4.0	<1.0	<20	170	170	600	---	280	---	---	---	---	
EW-07	01/31/95	5.5	2.4	<40	190	190	690	---	280	---	---	---	---	
EW-07 (R)	01/31/95	---	2.7	---	---	---	---	---	---	---	---	---	---	
EW-07	02/28/95	3.0	3.3	<20	150	160	970	---	210	---	---	---	---	
EW-07	03/21/95	4.4	2.9	<50	170	180	660	---	390	---	---	---	---	
EW-07	04/12/95	2.5	2.0	<20	140	100	380	---	280	---	---	---	---	
EW-07 (R)	04/12/95	---	2.1	---	---	---	---	---	---	---	---	---	---	
EW-07	05/11/95	4.8	2.2	<40	110	83	330	---	200	---	---	---	---	
EW-07	06/14/95	4.3	2.6	<40	<40	<40	100	---	250	---	---	---	---	
EW-07	08/02/95	4.6	2.6	<2.0	65	50	160	---	290	---	---	---	---	
EW-07 (R)	08/02/95	---	2.3	---	---	---	---	---	---	---	---	---	---	
EW-07	08/31/95	4.9	2.2	<10	110	110	390	---	220	---	---	---	---	
EW-07	09/27/95	5.0	2.7	<10	140	120	430	---	290	---	---	---	---	
EW-08	06/28/91	3.0	<1.0	2.5	<2.0	<2.0	8.0	---	---	<0.4	4.4	<0.4	<0.8	
EW-08	05/15/92	3.0	<1.0	19	85	46	340	---	---	---	---	---	---	
EW-08	06/10/92	3.6	1.0	14	48	48	160	---	160	<.5	<.5	<.5	<5.0	
EW-08	07/10/92	4.2	2.3	26	63	61	250	---	220	<.1	<.1	<.5	<5.0	
EW-08	08/12/92	1.8	1.4	30	85	57	240	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate I)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-08	09/03/92	3.4	2.8	12	48	44	140	---	---	---	---	---	---	---
EW-08	10/06/92	3.2	2.2	34	71	36	220	---	---	---	---	---	---	---
EW-08	11/02/92	3.7	1.7	12	40	14	130	---	230	4.8	1.1	<5.0	<5.0	---
EW-08	12/18/92	3.8	1.7	12	40	<10	110	---	---	---	---	---	---	---
EW-08	01/11/93	3.4	1.6	16	75	18	240	---	---	---	---	---	---	---
EW-08	02/17/93	4.1	1.2	<10	70	<10	290	---	---	---	---	---	---	---
EW-08	03/18/93	2.8	<1.0	11	85	<10	280	---	---	---	---	---	---	---
EW-08	04/07/93	3.0	1.1	17	88	15	290	---	---	---	---	---	---	---
EW-08	05/13/93	3.5	<1.0	<20	110	21	340	---	---	---	---	---	---	---
EW-08	06/08/93	3.8	<1.0	<20	51	<20	140	---	---	---	---	---	---	---
EW-08	07/01/93	4.4	1.1	<50	<50	<50	<100	---	---	---	---	---	---	---
EW-08	08/04/93	11	<1.0	24	130	19	380	---	---	---	---	---	---	---
EW-08	09/14/93	5.3	<1.0	<10	110	<10	310	---	---	---	---	---	---	---
EW-08	10/15/93	6.9	1.4	29	150	<10	350	---	---	---	---	---	---	---
EW-08	11/18/93	6.7	1.1	<10	76	<10	170	---	180	---	---	---	---	---
EW-08	12/13/93	5.8	1.0	2.2	9.6	<2.0	25	---	200	---	---	---	---	---
EW-08	01/13/94	5.0	<1.0	12	48	<2.0	120	---	320	---	---	---	---	---
EW-08	02/03/94	6.4	1.8	<10	41	<10	110	---	240	---	---	---	---	---
EW-08	03/03/94	8.1	1.5	8.9	<2.0	<2.0	45	---	260	---	---	---	---	---
EW-08	04/27/94	8.6	1.1	11	56	2.6	120	---	300	---	---	---	---	---
EW-08	05/23/94	8.4	2.8	9.4	37	3.2	83	---	310	---	---	---	---	---
EW-08	06/22/94	8.2	1.1	13	35	<2.0	84	---	470	---	---	---	---	---
EW-08	07/15/94	8.5	1.4	15	57	<7.5	99	---	320	---	---	---	---	---
EW-08	08/23/94	9.6	1.5	22	30	<2.0	59	---	300	---	---	---	---	---
EW-08	09/20/94	6.2	1.1	6.8	35	2.2	75	---	210	---	---	---	---	---
EW-08	11/03/94	17	<1.0	2.9	5.6	<2.0	23	---	<1.0	---	---	---	---	---
EW-08	11/30/94	7.5	1.2	13	21	<2.0	20	---	210	---	---	---	---	---
EW-08	12/20/94	5.0	<1.0	14	18	<2.0	26	---	200	---	---	---	---	---
EW-08	01/31/95	8.4	1.0	10	40	<10	150	---	250	---	---	---	---	---
EW-08	02/28/95	6.4	1.4	11	73	<10	190	---	250	---	---	---	---	---



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-08	03/21/95	7.8	1.4	11	<10	<10	<20	---	260	---	---	---	---	
EW-08	04/12/95	4.6	<1.0	9.6	76	3.2	99	---	170	---	---	---	---	
EW-08	05/11/95	7.6	1.2	8.0	55	<2.0	72	---	170	---	---	---	---	
EW-08	06/14/95	8.3	2.0	4.8	24	<2.0	33	---	210	---	---	---	---	
EW-08	08/02/95	8.0	1.5	5.3	23	<2.0	50	---	240	---	---	---	---	
EW-08	08/31/95	7.5	<1.0	6.1	24	<2.0	44	---	190	---	---	---	---	
EW-08	09/27/95	7.7	<1.0	6.5	32	<2.0	51	---	130	---	---	---	---	
EW-09	06/28/91	18	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	3.6	63	0.6	0.8	
EW-09	01/17/92	5.0	<1.0	5.8	6.6	9.9	48	---	1,200	---	<6.0	<6.0	<10	
EW-09	03/18/92	8.0	<1.0	4.1	5.5	19	29	---	---	---	---	---	---	
EW-09	04/09/92	6.0	<1.0	16	23	68	96	---	1,200	4.1	25	<1.0	7.3	
EW-09	05/07/92	7.0	<1.0	11	9.6	26	57	---	---	---	---	---	---	
EW-09	06/10/92	7.5	<1.0	32	20	40	98	---	880	<.5	<.5	<.5	<5.0	
EW-09	07/10/92	1.3	1.3	7.9	4.8	17	18	---	2,100	<.1	<.1	<.5	<5.0	
EW-09	08/12/92	4.4	1.7	37	37	60	150	---	---	---	---	---	---	
EW-09	09/03/92	7.4	1.7	19	18	32	75	---	---	---	---	---	---	
EW-09	09/30/92	---	---	21	20	22	110	---	---	---	---	---	---	
EW-09	10/06/92	8.1	1.2	38	29	52	150	---	---	---	---	---	---	
EW-09	11/02/92	9.4	<1.0	17	12	17	58	---	---	---	---	---	---	
EW-09	12/18/92	7.8	<1.0	23	18	12	65	---	1,200	5.3	52	<5.0	<5.0	
EW-09	01/11/93	6.5	1.3	47	25	17	110	---	---	---	---	---	---	
EW-09	02/17/93	7.1	<1.0	16	16	15	150	---	---	---	---	---	---	
EW-09	03/18/93	5.5	<1.0	21	27	20	120	---	---	---	---	---	---	
EW-09	04/07/93	5.5	1.9	27	31	17	160	---	---	---	---	---	---	
EW-09	05/13/93	5.2	<1.0	26	37	15	180	---	---	---	---	---	---	
EW-09	05/20/93	5.7	<1.0	14	<10	<10	46	---	---	---	---	---	---	
EW-09	05/27/93	5.9	<1.0	28	24	<10	100	---	---	---	---	---	---	
EW-09	06/03/93	5.5	<1.0	19	14	<10	52	---	---	---	---	---	---	
EW-09	06/08/93	5.2	<1.0	19	13	<10	63	---	---	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-09	06/24/93	5.1	<1.0	17	12	<10	50	---	---	---	---	---	---	---
EW-09	06/30/93	5.6	<1.0	16	<10	<10	31	---	---	---	---	---	---	---
EW-09	08/04/93	22	<1.0	32	27	25	85	---	---	---	---	---	---	---
EW-09	09/14/93	7.9	<1.0	13	19	19	100	---	---	---	---	---	---	---
EW-09	10/13/93	<1.0	<1.0	24	12	13	54	---	---	---	---	---	---	---
EW-09	11/18/93	10	<1.0	27	11	14	60	---	790	---	---	---	---	---
EW-09	12/13/93	8.1	<1.0	34	<2.0	3.0	84	---	580	---	---	---	---	---
EW-09	01/11/94	6.4	<1.0	14	6.1	10	39	---	760	---	---	---	---	---
EW-09 (R)	01/11/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-09	02/03/94	7.6	<1.0	16	7.7	21	57	---	780	---	---	---	---	---
EW-09	03/03/94	9.4	<1.0	17	<2.0	25	8.0	---	1,000	---	---	---	---	---
EW-09	04/27/94	9.0	<1.0	6.0	3.9	7.2	18	---	1,100	---	---	---	---	---
EW-09 (R)	04/27/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-09	05/23/94	8.6	1.3	5.2	3.0	6.9	13	---	740	---	---	---	---	---
EW-09	06/22/94	8.1	<1.0	3.8	<2.0	2.2	13	---	840	---	---	---	---	---
EW-09	07/14/94	8.7	<1.0	4.1	2.6	3.5	9.0	---	690	---	---	---	---	---
EW-09 (R)	07/14/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-09	08/23/94	6.9	<1.0	4.3	2.2	2.8	7.8	---	860	---	---	---	---	---
EW-09	09/20/94	6.8	<1.0	2.1	<2.0	<2.0	8.5	---	1,000	---	---	---	---	---
EW-09	11/02/94	3.8	<1.0	<2.0	<2.0	<2.0	6.7	---	770	---	---	---	---	---
EW-09 (R)	11/02/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-09	11/30/94	8.8	<1.0	2.3	<2.0	<2.0	9.6	---	570	---	---	---	---	---
EW-09	12/20/94	<10	<1.0	3.9	2.9	<2.0	13	---	1,200	---	---	---	---	---
EW-09	02/01/95	13	<1.0	4.7	4.2	<2.0	17	---	950	---	---	---	---	---
EW-09 (R)	02/01/95	---	1.0	---	---	---	---	---	---	---	---	---	---	---
EW-09	02/28/95	12	<1.0	3.8	2.2	<2.0	31	---	810	---	---	---	---	---
EW-09	03/21/95	7.7	<1.0	4.2	2.1	<2.0	18	---	980	---	---	---	---	---
EW-09	04/11/95	4.8	<1.0	<2.0	<2.0	<2.0	<4.0	---	960	---	---	---	---	---
EW-09 (R)	04/11/95	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-09	05/11/95	11	4.1	2.6	<2.0	<2.0	9.3	---	1,000	---	---	---	---	---

**Table 5.**--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-09	06/14/95	12	1.5	<2.0	<2.0	<2.0	4.9	---	1,100	---	---	---	---	---
EW-10	06/28/91	4.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	5.8	1.9	<0.4	<0.8	
EW-10	01/17/92	2.0	<1.0	<2.0	<2.0	6.1	<4.0	---	590	---	<6.0	<6.0	63	
EW-10	03/18/92	2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	04/09/92	3.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	450	<1	<1	<1.0	<5.0	
EW-10	05/07/92	2.8	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	06/10/92	2.9	<1.0	<2.0	<2.0	18	<4.0	---	170	<5	<5	<5	<5.0	
EW-10	07/10/92	1.8	<1.0	2.5	2.2	7.9	<4.0	---	300	<1	<1	<5	<5.0	
EW-10	08/12/92	3.0	<1.0	<2.0	<2.0	8.7	5.8	---	---	---	---	---	---	
EW-10	09/03/92	2.8	1.2	<2.0	<2.0	8.0	<4.0	---	---	---	---	---	---	
EW-10	09/30/92	---	---	16	<10	36	63	---	---	---	---	---	---	
EW-10	10/06/92	2.4	1.0	3.6	2.4	11	9.9	---	---	---	---	---	---	
EW-10	11/02/92	3.5	1.2	<2.0	<2.0	5.4	<4.0	---	450	1.1	<1.0	<5.0	<5.0	
EW-10	12/18/92	3.1	1.0	<2.0	<2.0	3.3	<4.0	---	---	---	---	---	---	
EW-10	01/11/93	3.0	<1.0	2.0	<2.0	15	<4.0	---	---	---	---	---	---	
EW-10	02/17/93	2.6	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	03/18/93	2.5	<1.0	<2.0	<2.0	2.7	<4.0	---	---	---	---	---	---	
EW-10	04/07/93	2.2	1.1	<2.0	<2.0	6.7	5.1	---	---	---	---	---	---	
EW-10	05/13/93	2.4	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	05/20/93	2.4	<1.0	<2.0	<2.0	2.0	<4.0	---	---	---	---	---	---	
EW-10	05/27/93	2.6	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
EW-10	06/03/93	2.8	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
EW-10	06/24/93	3.3	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
EW-10	06/30/93	2.7	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
EW-10	08/04/93	7.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	09/14/93	5.0	<1.0	4.8	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	10/13/93	6.5	<1.0	7.3	<2.0	<2.0	<4.0	---	---	---	---	---	---	
EW-10	11/18/93	6.4	<1.0	9.1	<2.0	<2.0	<4.0	---	250	---	---	---	---	
EW-10	12/13/93	4.6	<1.0	<2.0	<2.0	<2.0	<4.0	---	230	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-10	01/11/94	4.0	<1.0	<2.0	3.8	<2.0	<4.0	---	240	---	---	---	---	---
EW-10 (R)	01/11/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-10	02/03/94	5.4	<1.0	<2.0	4.7	<2.0	<4.0	---	280	---	---	---	---	---
EW-10	03/03/94	6.8	<1.0	<2.0	<2.0	<2.0	16	---	280	---	---	---	---	---
EW-10	04/27/94	6.5	<1.0	5.6	11	<2.0	<4.0	---	340	---	---	---	---	---
EW-10 (R)	04/27/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-10	05/23/94	6.8	1.4	<2.0	3.9	<2.0	<4.0	---	260	---	---	---	---	---
EW-10	06/22/94	7.9	<1.0	6.9	<2.0	<2.0	<4.0	---	240	---	---	---	---	---
EW-10	07/14/94	10	<1.0	16	<2.0	<2.0	<4.0	---	140	---	---	---	---	---
EW-10 (R)	07/14/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-10	08/23/94	6.9	<1.0	12	<2.0	<2.0	<4.0	---	140	---	---	---	---	---
EW-10	09/20/94	6.5	<1.0	34	<2.0	<2.0	<4.0	---	240	---	---	---	---	---
EW-10	11/30/94	6.2	<1.0	7.5	<2.0	<2.0	<4.0	---	190	---	---	---	---	---
EW-10	12/20/94	5.2	<1.0	13	<2.0	<2.0	<4.0	---	190	---	---	---	---	---
EW-10	02/01/95	7.9	<1.0	<2.0	<2.0	<2.0	<4.0	---	190	---	---	---	---	---
EW-10 (R)	02/01/95	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-10	02/28/95	6.4	<1.0	<2.0	<2.0	<2.0	<4.0	---	240	---	---	---	---	---
EW-10	03/21/95	5.4	<1.0	11	<2.0	<2.0	<4.0	---	170	---	---	---	---	---
EW-10	04/11/95	5.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	260	---	---	---	---	---
EW-10 (R)	04/11/95	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-10	05/11/95	6.1	<1.0	<2.0	<2.0	<2.0	<4.0	---	160	---	---	---	---	---
EW-10	06/14/95	8.8	1.5	<2.0	<2.0	<2.0	<4.0	---	220	---	---	---	---	---
EW-10	08/01/95	17	<1.0	<2.0	<2.0	<2.0	<6.0	---	160	---	---	---	---	---
EW-10 (R)	08/01/95	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-10	08/31/95	12	<1.0	<2.0	<2.0	<2.0	<6.0	---	170	---	---	---	---	---
EW-10	09/27/95	19	<1.0	<2.0	<2.0	<2.0	<6.0	---	160	---	---	---	---	---
EW-11	07/08/91	4.0	3.0	15	170	72	500	---	---	7.5	45	5.0	<0.8	---
EW-11	01/17/92	2.0	<1.0	15	170	79	420	---	510	---	<6.0	<6.0	<10	---
EW-11	03/18/92	2.0	1.1	24	270	95	730	---	---	---	---	---	---	---

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-11	04/09/92	2.0	3.8	32	330	230	980	---	160	<0.1	<0.1	<1.0	<5.0	
EW-11	05/07/92	2.9	1.5	<100	260	220	810	---	---	---	---	---	---	
EW-11	06/10/92	3.0	4.2	42	190	390	510	---	360	1.4	<.5	<.5	<5.0	
EW-11 (R)	06/10/92	3.1	4.2	51	240	510	630	---	390	1.8	<.5	<.5	<5.0	
EW-11	07/10/92	3.2	2.1	56	230	500	590	---	340	1.6	<.1	<.5	<5.0	
EW-11	08/12/92	1.4	2.2	54	360	600	950	---	---	---	---	---	---	
EW-11	09/03/92	2.7	4.4	26	230	490	610	---	---	---	---	---	---	
EW-11	09/30/92	---	---	41	270	560	770	---	---	---	---	---	---	
EW-11	10/06/92	2.7	3.7	63	230	520	610	---	---	---	---	---	---	
EW-11 (R)	10/06/92	2.8	3.5	62	240	530	720	---	---	---	---	---	---	
EW-11	11/02/92	3.5	3.3	<20	170	200	410	---	410	<1.0	<1.0	<5.0	<5.0	
EW-11	12/18/92	3.0	1.7	13	98	100	250	---	---	---	---	---	---	
EW-11	01/11/93	3.0	2.9	56	390	410	1,000	---	---	---	---	---	---	
EW-11	02/17/93	2.9	2.3	<20	140	72	380	---	---	---	---	---	---	
EW-11	03/18/93	2.9	2.2	22	180	71	500	---	---	---	---	---	---	
EW-11	04/07/93	2.5	3.7	26	190	110	540	---	---	---	---	---	---	
EW-11	05/13/93	2.5	2.0	25	160	200	470	---	---	---	---	---	---	
EW-11	05/20/93	2.8	1.9	15	160	190	410	---	---	---	---	---	---	
EW-11	05/27/93	2.8	1.6	26	160	240	490	---	---	---	---	---	---	
EW-11	06/03/93	2.9	1.5	<20	62	61	240	---	---	---	---	---	---	
EW-11	06/08/93	2.8	1.3	75	110	160	370	---	---	---	---	---	---	
EW-11	06/24/93	3.7	1.7	<50	140	150	390	---	---	---	---	---	---	
EW-11	06/30/93	3.1	1.2	<50	130	110	350	---	---	---	---	---	---	
EW-11	08/04/93	14	<1.0	<20	200	120	510	---	---	---	---	---	---	
EW-11	09/14/93	4.4	1.4	97	200	120	500	---	---	---	---	---	---	
EW-11	10/13/93	5.6	2.3	<20	300	130	700	---	---	---	---	---	---	
EW-11	11/18/93	6.3	1.9	<20	230	76	650	---	540	---	---	---	---	
EW-11	12/13/93	6.5	2.2	<20	45	<20	130	---	280	---	---	---	---	
EW-11	01/11/94	6.3	1.9	<20	<20	34	220	---	370	---	---	---	---	
EW-11 (R)	01/11/94	---	1.6	---	---	---	---	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-11	02/03/94	7.1	1.7	<2.0	150	<2.0	480	---	370	---	---	---	---	
EW-11	03/03/94	6.5	1.9	<2.0	36	6.3	86	---	340	---	---	---	---	
EW-11	04/27/94	8.9	1.0	<1.0	120	46	330	---	260	---	---	---	---	
EW-11 (R)	04/27/94	---	1.2	---	---	---	---	---	---	---	---	---	---	
EW-11	05/23/94	9.1	3.4	7.2	81	75	200	---	240	---	---	---	---	
EW-11	06/22/94	13	1.1	4.1	36	20	100	---	200	---	---	---	---	
EW-11	07/14/94	11	1.0	<7.5	33	16	81	---	160	---	---	---	---	
EW-11 (R)	07/14/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	
EW-11	08/23/94	5.9	2.0	78	48	27	100	---	410	---	---	---	---	
EW-11	11/30/94	17	1.9	<1.0	53	18	110	---	290	---	---	---	---	
EW-11	12/20/94	13	1.6	13	52	20	110	---	220	---	---	---	---	
EW-11	02/01/95	18	1.4	<1.0	42	<1.0	120	---	280	---	---	---	---	
EW-11 (R)	02/01/95	---	1.6	---	---	---	---	---	---	---	---	---	---	
EW-11	02/28/95	14	1.6	2.1	66	5.7	210	---	270	---	---	---	---	
EW-11	03/21/95	11	1.6	<1.0	81	<1.0	<2.0	---	220	---	---	---	---	
EW-11	04/11/95	8.2	1.0	<2.0	43	4.4	70	---	240	---	---	---	---	
EW-11 (R)	04/11/95	---	1.0	---	---	---	---	---	---	---	---	---	---	
EW-11	05/11/95	14	1.1	<2.0	37	<2.0	55	---	250	---	---	---	---	
EW-11	06/14/95	14	1.9	4.6	35	<2.0	61	---	290	---	---	---	---	
EW-11	08/01/95	13	1.4	<2.0	10	<2.0	14	---	160	---	---	---	---	
EW-11 (R)	08/01/95	---	1.9	---	---	---	---	---	---	---	---	---	---	
EW-11	08/31/95	14	<1.0	<2.0	50	<2.0	100	---	180	---	---	---	---	
EW-11	09/27/95	13	1.5	<2.0	48	3.2	83	---	130	---	---	---	---	
EW-12	07/08/91	11	<1.0	<100	100	3,600	200	---	---	14	49	<0.4	110	Sheen on surface of extracted water.
EW-12	01/17/92	12	<1.0	39	62	59	150	---	1,800	---	510	<6.0	110	
EW-12	04/09/92	20	<1.0	<100	<100	2,000	240	---	1,500	140	420	5.6	<5.0	
EW-12	07/16/92	9.3	1.6	72	90	3,400	270	---	1,800	68	6.3	<.5	73	
EW-12	11/06/92	12	1.4	<200	<200	2,500	<400	---	1,700	65	1.1	<5.0	<5.0	
EW-12	01/11/93	7.0	1.1	27	50	070	140	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-12	04/07/93	4.4	<1.0	<20	38	470	77	---	---	---	---	---	---	
EW-12	02/03/94	5.6	<1.0	<50	<50	900	150	---	800	---	---	---	---	
EW-12	03/03/94	6.9	1.1	<10	75	510	250	---	690	---	---	---	---	
EW-12	04/27/94	7.7	<1.0	14	130	330	410	---	770	---	---	---	---	
EW-12	05/23/94	8.2	1.7	29	150	210	410	---	710	---	---	---	---	
EW-12 (R)	05/23/94	7.8	1.8	29	140	210	390	---	700	---	---	---	---	
EW-12	06/22/94	6.9	<1.0	9.5	55	190	160	---	550	---	---	---	---	
EW-12 (R)	06/22/94	6.6	5.1	<7.5	33	130	95	---	580	---	---	---	---	
EW-12	07/14/94	6.9	<1.0	22	55	280	130	---	700	---	---	---	---	
EW-12	08/23/94	1.5	<1.0	28	35	230	59	---	630	---	---	---	---	
EW-12 (R)	08/23/94	1.7	<1.0	25	33	260	51	---	620	---	---	---	---	
EW-12	09/20/94	6.2	<1.0	19	110	210	190	---	780	---	---	---	---	
EW-12 (R)	09/20/94	6.4	<1.0	19	110	220	190	---	660	---	---	---	---	
EW-12	11/02/94	1.3	2.0	14	88	200	380	---	690	---	---	---	---	
EW-12	11/30/94	9.8	1.8	37	130	720	450	---	690	---	---	---	---	
EW-12 (R)	11/30/94	7.9	1.4	38	130	640	450	---	700	---	---	---	---	
EW-12	02/01/95	11	1.4	26	120	580	850	---	710	---	---	---	---	
EW-12	02/28/95	5.5	<1.0	<50	<50	930	420	---	1,200	---	---	---	---	
EW-12 (R)	02/28/95	8.1	<1.0	<50	<50	230	<100	---	860	---	---	---	---	
EW-12	03/21/95	8.3	1.4	<50	530	750	<100	---	880	---	---	---	---	
EW-12 (R)	03/21/95	6.3	1.4	<50	170	810	640	---	850	---	---	---	---	
EW-12	04/11/95	4.8	1.2	48	130	360	390	---	750	---	---	---	---	
EW-12	05/11/95	8.2	1.5	<50	110	210	340	---	960	---	---	---	---	
EW-12 (R)	05/11/95	7.3	1.1	<50	100	180	290	---	910	---	---	---	---	
EW-12	06/14/95	8.3	<1.0	<20	110	120	470	---	940	---	---	---	---	
EW-12 (R)	06/14/95	7.5	<1.0	<20	93	100	370	---	800	---	---	---	---	
EW-12	08/01/95	8.8	<1.0	<50	74	94	270	---	670	---	---	---	---	
EW-12 (R)	08/01/95	---	1.6	---	---	---	---	---	---	---	---	---	---	
EW-12	08/31/95	7.8	<1.0	<10	30	67	98	---	630	---	---	---	---	
EW-12 (R)	08/31/95	7.5	<1.0	<10	29	56	91	---	620	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-12	09/27/95	7.0	<1.0	4.9	37	65	150	---	500	---	---	---	---	---
EW-12 (R)	09/27/95	8.2	<1.0	5.3	37	62	140	---	510	---	---	---	---	---
EW-13	07/08/91	79	<1.0	<50	78	1,000	140	---	---	4.2	2,400	76	130	
EW-13	01/15/92	18	14	19	<10	<10	<20	---	1,400	---	100	<6.0	74	
EW-13	04/09/92	35	<1.0	<100	140	1,400	340	---	1,200	210	240	12	29	
EW-13	07/16/92	26	2.5	24	70	930	440	160	960	130	14	<5	290	
EW-13 (R)	07/16/92	---	---	---	---	---	---	230	---	---	---	---	---	
EW-13	09/03/92	8.3	1.7	<10	39	170	93	---	---	---	---	---	---	
EW-13 (R)	09/03/92	8.2	1.5	<10	45	190	100	---	---	---	---	---	---	
EW-13	11/06/92	8.7	2.0	17	110	650	240	---	1,200	23	9.4	<5.0	<5.0	
EW-13	01/11/93	9.4	2.1	20	110	1,200	290	---	---	---	---	---	---	
EW-13	10/12/93	<2.0	2.2	29	170	820	390	---	---	---	---	---	---	
EW-13	11/18/93	20	1.0	<20	71	150	180	---	280	---	---	---	---	
EW-14	07/08/91	150	<1.0	130	63	1,100	190	---	---	---	3,600	16	1,400	
EW-14	01/15/92	100	350	91	48	490	160	---	2,100	---	1,300	<6.0	760	
EW-14	09/03/92	86	1.5	64	39	600	140	---	---	---	---	---	---	
EW-14 (R)	09/03/92	82	1.6	67	38	610	140	---	---	---	---	---	---	
EW-14	11/06/92	91	<1.0	67	39	640	200	---	1,600	930	3,000	18	47	
EW-14	01/11/93	9.3	1.7	71	46	750	180	---	---	---	---	---	---	
EW-14	10/12/93	12	1.2	120	56	680	130	---	---	---	---	---	---	
EW-14	11/18/93	37	<1.0	120	54	560	130	---	700	---	---	---	---	
EW-14 (R)	11/18/93	32	<1.0	120	51	570	130	---	750	---	---	---	---	
EW-14	01/20/94	27	---	<100	130	710	220	---	1,300	---	---	---	---	
EW-14	02/03/94	24	<1.0	<100	<100	640	<200	---	850	---	---	---	---	
EW-14 (R)	02/03/94	23	1.1	<100	<100	710	<200	---	910	---	---	---	---	
EW-14	03/03/94	24	<1.0	<100	<100	410	420	---	650	---	---	---	---	
EW-14 (R)	03/03/94	24	<1.0	<100	<100	380	<200	---	650	---	---	---	---	
EW-14	04/25/94	20	<1.0	79	<50	510	<100	---	980	---	---	---	---	



**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEx, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
EW-14 (R)	04/25/94	---	1.1	---	---	---	---	---	---	---	---	---	---	
EW-14	05/23/94	22	1.5	100	43	440	100	---	520	---	---	---	---	
EW-14 (R)	05/23/94	22	1.6	100	43	450	110	---	590	---	---	---	---	
EW-14	06/22/94	19	<1.0	66	23	330	68	---	500	---	---	---	---	
EW-14 (R)	06/22/94	19	<1.0	45	18	240	49	---	550	---	---	---	---	
EW-14	07/11/94	17	1.0	49	23	240	53	---	550	---	---	---	---	
EW-14 (R)	07/11/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	
EW-14	08/23/94	15	<1.0	76	21	230	43	---	610	---	---	---	---	
EW-14 (R)	08/23/94	14	<1.0	76	20	230	42	---	610	---	---	---	---	
EW-14	09/20/94	14	1.2	53	<20	240	54	---	370	---	---	---	---	
EW-14 (R)	09/20/94	14	<1.0	55	<20	250	57	---	430	---	---	---	---	
EW-14	10/31/94	14	<1.0	76	27	270	51	---	290	---	---	---	---	
EW-14 (R)	10/31/94	---	<1.0	---	---	---	---	---	---	---	---	---	---	
EW-14	11/30/94	11	<1.0	46	<20	120	54	---	510	---	---	---	---	
EW-14 (R)	11/30/94	11	<1.0	65	30	130	100	---	500	---	---	---	---	
EW-14	12/20/94	13	<1.0	59	<20	140	61	---	450	---	---	---	---	
EW-14 (R)	12/20/94	11	1.0	63	<20	140	62	---	360	---	---	---	---	
EW-14	01/30/95	13	<1.0	67	17	130	<20	19	280	---	---	---	---	
EW-14 (R)	01/30/95	---	<1.0	---	---	---	---	2.4	---	---	---	---	---	
EW-14	02/28/95	11	<1.0	53	<20	200	<40	---	---	---	---	---	---	
EW-14 (R)	02/28/95	9.8	<1.0	55	42	190	<40	---	---	---	---	---	---	
EW-14	03/21/95	9.9	<1.0	<100	1,100	1,500	<200	---	430	---	---	---	---	
EW-14 (R)	03/21/95	10	<1.0	85	28	180	<20	---	330	---	---	---	---	
EW-14	04/10/95	9.1	<1.0	46	37	150	59	67	410	---	---	---	---	
EW-14 (R)	04/10/95	---	<1.0	---	---	---	---	42	---	---	---	---	---	
EW-14	05/11/95	10	<1.0	24	13	89	<20	---	430	---	---	---	---	
EW-14 (R)	05/11/95	12	<1.0	26	13	91	24	---	390	---	---	---	---	
EW-14	06/14/95	12	<1.0	23	13	80	16	---	690	---	---	---	---	
EW-14 (R)	06/14/95	13	<1.0	24	<10	130	<20	---	770	---	---	---	---	
EW-14	07/31/95	12	<1.0	34	22	150	38	80	730	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-14 (R)	07/31/95	---	<1.0	---	---	---	---	130	---	---	---	---	---	---
EW-14	08/31/95	11	<1.0	21	19	140	38	---	400	---	---	---	---	---
EW-14 (R)	08/31/95	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-14	09/27/95	10	<1.0	25	17	77	<30	---	360	---	---	---	---	---
EW-14 (R)	09/27/95	---	<1.0	---	---	---	---	---	---	---	---	---	---	---
EW-15	07/08/91	13	<1.0	10	11	100	20	---	---	6.8	230	<0.4	220	---
EW-15	01/15/92	16	32	22	20	220	43	---	1,700	---	<6.0	<6.0	42	---
EW-15	04/09/92	6.0	<1.0	12	15	58	31	---	530	42	15	<1.0	<5.0	---
EW-15	07/16/92	5.0	<1.0	15	21	57	34	48	600	15	<1	<5	36	---
EW-15	11/06/92	8.1	<1.0	28	21	77	41	---	960	48	71	5.0	<5.0	---
EW-16	07/08/91	5.0	<1.0	5.4	8.5	17	7.4	---	---	3.1	<4	<4	18	---
EW-16	01/15/92	2.0	24	<10	17	42	27	---	340	---	<6.0	<6.0	28	---
EW-16	04/09/92	2.0	<1.0	3.4	7.6	12	15	---	160	9.8	.9	<1.0	<5.0	---
EW-16	07/16/92	2.8	<1.0	7.9	14	46	18	---	350	5.8	<1	<5	<5.0	---
EW-16	11/06/92	2.8	<1.0	7.4	11	18	9.2	---	200	2.4	1.8	<5.0	<5.0	---
EW-17	07/08/91	5.0	<1.0	<20	<20	38	<40	---	---	4.3	<4	<4	8.2	---
EW-17	01/15/92	4.0	50	3.6	8.1	18	6.0	---	100	---	<6.0	<6.0	34	---
EW-17	04/09/92	2.0	<1.0	2.5	6.7	9.3	5.8	---	39	1.2	<1	<1.0	<5.0	---
EW-17	07/16/92	2.4	<1.0	3.8	5.8	70	41	15	42	10	<1	<5	5.9	---
EW-17	11/06/92	3.3	1.3	<50	<50	<50	<100	---	62	7.4	<1.0	<5.0	<5.0	---
EW-18	07/02/91	9.0	<1.0	33	43	<20	270	---	---	4.7	29	<4	<8	---
EW-18	01/17/92	<2.0	<1.0	34	21	<10	240	---	340	---	<6.0	<6.0	<10	---
EW-18	03/18/92	3.0	<1.0	38	29	20	170	---	---	---	---	---	---	---
EW-18	04/02/92	3.0	1.3	55	42	34	250	---	440	4.9	<1	<1.0	<5.0	---
EW-18	05/07/92	2.7	<1.0	31	22	17	120	---	---	---	---	---	---	---
EW-18	06/11/92	2.9	1.9	53	32	64	210	---	240	<5	<5	<5	<5.0	---

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-18	07/08/92	2.4	1.5	46	27	56	140	---	300	<0.1	<0.1	<0.5	<5.0	
EW-18	08/12/92	1.4	1.8	59	45	62	240	---	---	---	---	---	---	
EW-18	09/03/92	3.8	1.2	47	32	53	210	---	---	---	---	---	---	
EW-18	10/06/92	4.3	2.0	49	33	30	200	---	---	---	---	---	---	
EW-18	11/05/92	6.0	1.7	36	41	24	500	---	410	2.1	<1.0	<5.0	<5.0	
EW-18	12/18/92	4.7	2.7	33	27	14	150	---	---	---	---	---	---	
EW-18	01/11/93	4.4	2.3	78	32	19	230	---	---	---	---	---	---	
EW-18	02/17/93	4.3	1.9	55	22	<10	370	---	---	---	---	---	---	
EW-18	03/18/93	3.0	1.4	32	24	<10	160	---	---	---	---	---	---	
EW-18	04/07/93	3.5	1.1	41	23	12	170	---	---	---	---	---	---	
EW-18	05/13/93	3.2	1.0	46	16	14	140	---	---	---	---	---	---	
EW-18	06/08/93	3.1	<1.0	34	<10	<10	86	---	---	---	---	---	---	
EW-18	07/01/93	3.6	<1.0	39	11	<10	140	---	---	---	---	---	---	
EW-18	08/05/93	6.4	1.2	66	28	10	240	---	---	---	---	---	---	
EW-18	09/14/93	5.1	1.6	75	30	12	210	---	---	---	---	---	---	
EW-18	10/15/93	5.0	<1.0	57	<10	<10	120	---	---	---	---	---	---	
EW-18	11/18/93	4.3	1.5	73	13	<2.0	160	---	330	---	---	---	---	
EW-18	12/13/93	4.8	2.1	12	<2.0	<2.0	24	---	240	---	---	---	---	
EW-18	01/13/94	4.4	1.1	45	<2.0	12	9.1	---	360	---	---	---	---	
EW-18	02/03/94	4.8	1.6	63	<20	25	210	---	350	---	---	---	---	
EW-18	03/03/94	6.2	1.1	69	26	<20	380	---	420	---	---	---	---	
EW-18	04/26/94	8.7	1.7	150	37	21	130	---	370	---	---	---	---	
EW-18	05/23/94	7.8	2.3	88	<20	<20	82	---	320	---	---	---	---	
EW-18	06/22/94	6.6	1.0	29	<7.5	<7.5	69	---	260	---	---	---	---	
EW-18	07/13/94	8.1	1.2	62	9.8	<7.5	100	---	320	---	---	---	---	
EW-18	08/23/94	8.5	2.2	110	13	2.2	140	---	490	---	---	---	---	
EW-18	09/20/94	8.9	2.0	70	14	4.0	98	---	430	---	---	---	---	
EW-18	11/01/94	15	1.8	58	19	<10	150	---	470	---	---	---	---	
EW-18	11/30/94	12	1.8	84	34	<10	170	---	520	---	---	---	---	
EW-18	12/20/94	9.3	2.4	120	12	<10	150	---	430	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
EW-18 (R)	12/20/94	9.3	2.4	110	13	<10	140	---	450	---	---	---	---	---
EW-18	01/31/95	12	2.0	160	<20	<20	290	---	420	---	---	---	---	---
EW-18	02/28/95	9.5	2.5	120	53	<20	400	---	510	---	---	---	---	---
EW-18	03/21/95	1.6	2.4	100	210	<20	<40	---	390	---	---	---	---	---
EW-18	04/11/95	11	1.5	73	38	29	130	---	380	---	---	---	---	---
EW-18	05/11/95	15	2.6	28	2.4	<2.0	51	---	300	---	---	---	---	---
EW-18	06/14/95	12	2.1	120	110	270	770	---	570	---	---	---	---	---
EW-18	08/01/95	14	1.1	71	26	<20	370	---	5,900	---	---	---	---	---
EW-18	08/31/95	11	2.8	36	29	<20	450	---	580	---	---	---	---	---
EW-18	09/27/95	11	3.3	55	31	<20	460	---	550	---	---	---	---	---
IG-2	11/03/94	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	11/30/94	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	02/01/95	---	---	---	---	---	---	---	16	---	---	---	---	---
IG-2	02/28/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	03/21/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	04/12/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	05/11/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	06/14/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	08/02/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
IG-2	08/31/95	---	---	---	---	---	---	---	27	---	---	---	---	---
IG-2	09/27/95	---	---	---	---	---	---	---	<1.0	---	---	---	---	---
MW-04	12/14/90	6.0	4.0	1,100	550	58	2,600	210	9,600	---	---	---	---	---
MW-04	06/27/91	6.0	6.0	1,100	670	37	2,800	---	---	<0.4	0.8	<0.4	<0.8	---
MW-04 (R)	06/27/91	6.0	4.0	990	660	<200	2,900	210	---	<4	1.3	<4	<8	---
MW-04	01/17/92	<1.0	2.7	860	500	<100	2,200	---	2,200	---	<6.0	<6.0	<10	---
MW-04	04/02/92	3.0	4.6	1,200	530	<100	2,400	---	920	9.8	30	<1.0	<5.0	---
MW-04	07/08/92	4.3	6.5	990	340	150	1,200	---	1,100	<1	<1	<5	<5.0	---
MW-04	11/05/92	5.4	7.4	1,500	810	<200	5,200	200	940	<1.0	1.5	<5.0	<5.0	---

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-04	01/07/93	4.3	3.2	1,300	530	<100	2,300	170	980	---	---	---	---	
MW-04	04/06/93	2.9	5.5	1,700	650	<100	2,800	260	450	---	---	---	---	
MW-04	06/29/93	2.4	3.2	670	340	<200	1,500	170	490	---	---	---	---	
MW-04	10/14/93	7.7	1.1	630	410	<40	1,400	<10	980	---	---	---	---	
MW-04	01/12/94	2.0	3.5	230	180	<40	710	75	500	---	---	---	---	
MW-04	04/26/94	3.5	2.3	340	330	<40	1,200	<40	610	---	---	---	---	
MW-04	07/13/94	2.3	2.7	180	150	<15	560	<20	500	---	---	---	---	
MW-04	11/01/94	6.3	2.8	1,500	1,100	48	5,200	230	390	---	---	---	---	
MW-04	01/31/95	7.6	3.4	<500	<500	2,000	1,300	<500	530	---	---	---	---	
MW-04	04/11/95	1.7	1.7	490	300	<40	1,000	160	720	---	---	---	---	
MW-04	08/01/95	4.4	3.0	73	99	<40	380	---	410	<2.0	<2.0	<5.0	<10	
MW-05	12/14/90	9.0	<1.0	<2.0	<2.0	<2.0	17	---	18,000	---	---	---	---	
MW-05	06/26/91	13	<1.0	<5.0	<10	<10	<20	16	---	<.4	<.4	<.4	<.8	
MW-05 (R)	06/26/91	15	<1.0	<2.0	<2.0	<2.0	<4.0	14	---	---	---	---	---	
MW-05	01/16/92	5.0	17	<2.0	2.0	<2.0	9.6	---	1,600	---	<6.0	<6.0	<10	
MW-05	04/01/92	7.0	<1.0	<2.0	<2.0	<2.0	7.9	---	1,400	5.1	<.1	<1.0	<5.0	
MW-05	07/07/92	8.0	<1.0	2.6	<2.0	3.0	16	---	1,500	<.1	<.1	<.5	<5.0	
MW-05	09/29/92	---	---	<10	<10	<10	35	---	---	---	---	---	---	
MW-05	11/05/92	9.1	<1.0	<2.0	<2.0	<2.0	<4.0	---	490	<1.0	<1.0	<5.0	<5.0	
MW-05	01/07/93	2.6	<1.0	<2.0	<2.0	<2.0	4.6	---	840	---	---	---	---	
MW-05	04/06/93	7.1	<1.0	<2.0	<2.0	<2.0	4.1	---	690	---	---	---	---	
MW-05	06/29/93	7.3	<1.0	<2.0	<2.0	<2.0	<4.0	---	440	---	---	---	---	
MW-05	08/24/93	---	---	<10	<10	<10	<20	---	---	---	---	---	---	
MW-05 (R)	08/24/93	---	---	<10	<10	<10	<20	---	---	---	---	---	---	
MW-05	10/14/93	9.3	<1.0	<2.0	<2.0	<2.0	<4.0	---	1,500	---	---	---	---	
MW-05	01/12/94	8.4	<1.0	<2.0	<2.0	<2.0	<4.0	---	460	3.2	<.2	<2.0	<2.0	
MW-05	04/26/94	8.7	<1.0	4.2	<2.0	2.3	4.3	---	370	<1.0	<1.0	<5.0	<5.0	
MW-05	07/13/94	7.7	<1.0	2.7	<2.0	<2.0	<4.0	---	740	<1.0	1.5	<5.0	<10	
MW-05	11/01/94	9.1	1.2	<2.0	<2.0	<2.0	<4.0	---	500	<1.0	<1.0	<5.0	<10	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEx, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-05	01/31/95	10	<1.0	<2.0	<2.0	<2.0	<4.0	---	490	<2.0	<2.0	<5.0	<10	
MW-05	04/11/95	6.6	<1.0	<2.0	<2.0	3.2	<4.0	---	180	<2.0	<2.0	<5.0	<10	
MW-05	08/01/95	9.6	1.2	<2.0	<2.0	<2.0	<6.0	---	630	<2.0	<2.0	<5.0	<10	
MW-06	12/12/90	3.0	1.0	<100	<100	<100	330	---	1,400	---	---	---	---	
MW-06	06/25/91	4.0	1.5	33	110	19	290	---	---	<4	3.0	<4	<8	Sheen on purge water surface.
MW-06	01/16/92	<2.0	13	16	68	13	160	---	380	---	<6.0	<6.0	<10	
MW-06	04/01/92	2.0	2.7	21	59	26	130	---	230	<1	<1	<1.0	<5.0	
MW-06	07/08/92	<1.0	2.8	21	44	11	98	---	170	<1	<1	<5	<5.0	
MW-06	11/05/92	3.3	2.6	<20	79	<20	350	---	150	<1.0	<1.0	<5.0	<5.0	Sheen on purge water surface.
MW-06	01/07/93	2.9	1.1	13	46	5.5	130	---	---	---	---	---	---	
MW-06	04/06/93	<1.0	2.6	35	140	<20	490	---	---	---	---	---	---	
MW-06	06/29/93	2.2	1.4	<20	53	<20	210	---	---	---	---	---	---	
MW-06	10/14/93	4.2	<1.0	<10	73	28	210	---	---	---	---	---	---	
MW-06	01/12/94	3.8	1.6	47	<10	<10	<20	---	---	---	---	---	---	
MW-06	04/26/94	3.1	2.6	48	45	16	120	---	---	---	---	---	---	
MW-06	07/13/94	4.5	1.4	<7.5	26	13	59	---	---	---	---	---	---	
MW-06	11/01/94	7.1	2.2	<10	32	<10	220	---	---	---	---	---	---	Sheen on purge water surface.
MW-06	01/31/95	<1.0	6.6	<100	150	<100	490	---	---	---	---	---	---	
MW-06	04/11/95	4.0	1.6	7.7	66	3.3	200	---	---	<2.0	<2.0	<5.0	<10	
MW-06	08/01/95	5.6	2.1	<10	42	<10	110	---	---	---	---	---	---	
MW-07	12/13/90	11	<1.0	15	60	12	160	---	9,100	---	---	---	---	
MW-07	06/24/91	8.0	<1.0	37	110	21	160	---	---	1.4	<4	<4	<8	
MW-07	05/14/92	8.0	<1.0	14	82	15	29	---	---	---	---	---	---	
MW-07	07/09/92	9.2	1.3	23	62	52	180	---	540	<1	<1	<5	<5.0	
MW-07	11/04/92	9.5	<1.0	2.3	23	51	88	---	480	<1.0	<1.0	<5.0	<5.0	
MW-07	01/06/93	10	1.3	2.4	12	14	24	---	---	---	---	---	---	
MW-07	04/02/93	11	<1.0	<2.0	4.8	5.5	16	17	---	---	---	---	---	
MW-07 (R)	04/02/93	---	---	---	---	---	---	18	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-07	07/01/93	3.9	<1.0	<2.0	<2.0	<2.0	<4.0	<1.0	---	---	---	---	---	---
MW-07 (R)	07/01/93	---	---	---	---	---	---	10	---	---	---	---	---	---
MW-07	10/15/93	3.4	<1.0	<2.0	7.6	<2.0	15	---	---	---	---	---	---	---
MW-07	01/13/94	2.4	1.9	<2.0	<2.0	<2.0	<4.0	15	---	---	---	---	---	---
MW-07	04/27/94	3.7	1.1	4.4	11	3.1	17	<2.0	---	---	---	---	---	---
MW-07	07/14/94	7.6	<1.0	<2.0	9.1	2.1	22	<2.0	---	---	---	---	---	---
MW-07	11/03/94	2.9	1.5	2.2	13	<2.0	66	5.0	---	<1.0	<1.0	<5.0	<10	<10
MW-07	02/01/95	<1.0	1.6	<2.0	<2.0	<2.0	57	<2.0	---	---	---	---	---	---
MW-07	04/12/95	4.1	1.5	<2.0	3.3	<2.0	11	19	---	---	---	---	---	---
MW-07	08/02/95	6.1	1.3	<2.0	<2.0	<2.0	<6.0	14	---	---	---	---	---	---
MW-08	12/12/90	2.0	<1.0	<2.0	<2.0	19	<4.0	---	780	---	---	---	---	---
MW-08	06/25/91	<1.0	<1.0	5.0	<10	40	<2.0	---	---	<4	51	<4	4.7	---
MW-08	01/16/92	<2.0	26	<2.0	<2.0	19	<4.0	---	100	---	<6.0	<6.0	<10	<10
MW-08	04/01/92	2.0	<1.0	<2.0	2.3	<2.0	<4.0	---	76	<1	<1	<1.0	<5.0	<5.0
MW-08	07/08/92	2.7	1.0	2.9	4.9	58	12	---	91	<1	<1	<5	<5.0	<5.0
MW-08	11/05/92	3.5	1.2	<2.0	<2.0	13	<4.0	---	110	1.1	<1.0	<5.0	<5.0	<5.0
MW-08	01/07/93	2.2	<1.0	<2.0	<2.0	23	<4.0	---	---	---	---	---	---	---
MW-08	04/06/93	2.2	<1.0	<2.0	<2.0	5.1	<4.0	---	---	---	---	---	---	---
MW-08	06/29/93	2.9	<1.0	39	18	<10	84	---	---	---	---	---	---	---
MW-08	10/14/93	5.6	<1.0	22	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-08	01/12/94	3.6	<1.0	19	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-08	04/26/94	5.3	<1.0	22	<2.0	2.1	<4.0	---	---	---	---	---	---	---
MW-08	07/13/94	4.2	<1.0	39	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-08	11/01/94	6.5	<1.0	2.4	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-08	01/31/95	6.3	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-08	04/11/95	3.6	<1.0	<2.0	3.8	<2.0	<4.0	---	250	<2.0	<2.0	<5.0	<10	<10
MW-08	08/01/95	6.6	1.6	33	<2.0	<2.0	<6.0	---	150	<2.0	<2.0	<5.0	<10	<10
MW-09	12/12/90	2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	35	---	---	---	---	---

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-09 (R)	12/12/90	2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	550	---	---	---	---	---
MW-09	06/26/91	5.0	<1.0	<5.0	<10	<10	<20	---	---	<0.4	5.9	<0.4	<0.8	---
MW-09	01/16/92	<2.0	17	<2.0	<2.0	<2.0	<4.0	---	95	---	<6.0	<6.0	<10	---
MW-09	04/01/92	1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	46	<1	<1	<1.0	<5.0	---
MW-09	07/08/92	2.0	<1.0	2.4	2.2	4.6	12	---	47	<1	<1	<5	<5.0	---
MW-09	11/05/92	2.8	<1.0	<2.0	<2.0	<2.0	<4.0	---	42	1.1	<1.0	<5.0	<5.0	---
MW-09	01/07/93	1.6	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	04/06/93	2.7	<1.0	<20	130	<20	530	---	---	---	---	---	---	---
MW-09	06/29/93	2.1	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	10/14/93	2.4	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	01/12/94	3.6	<1.0	17	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	04/26/94	5.4	<1.0	<2.0	<2.0	2.3	<4.0	---	---	---	---	---	---	---
MW-09	07/13/94	4.2	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	11/01/94	8.1	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	01/31/95	10	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-09	04/11/95	2.7	<1.0	<2.0	<2.0	3.0	<4.0	---	---	---	---	---	---	---
MW-09	08/01/95	8.2	2.3	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	---
MW-11	06/24/91	4.0	<1.0	9.7	5.4	<2.0	8.0	---	---	<4	<4	<4	<8	---
MW-11 (R)	06/24/91	5.0	<1.0	<2.0	<2.0	13	<4.0	---	---	---	---	---	---	---
MW-11	10/09/91	3.0	---	100	61	<2.0	<4.0	---	---	<4	<4	<4	<8	---
MW-11	05/13/92	4.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-11	07/09/92	1.6	6.3	<2.0	<2.0	<2.0	6.8	<10	<6.8	<1	<1	<5	<5.0	---
MW-11	11/04/92	1.5	<1.0	<2.0	<2.0	<2.0	<4.0	---	20	1.1	<1.0	<5.0	<5.0	---
MW-11	01/06/93	5.7	<1.0	3.3	4.2	<2.0	4.7	---	---	---	---	---	---	---
MW-11	04/02/93	2.7	<1.0	21	34	<2.0	4.3	---	---	---	---	---	---	---
MW-11	07/01/93	1.9	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-11	10/13/93	3.8	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-11	01/11/94	2.8	<1.0	2.6	<2.0	2.6	4.8	---	---	---	---	---	---	---
MW-11	04/27/94	3.0	<1.0	7.4	<2.0	6.9	<4.0	---	---	---	---	---	---	---



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MW-11	07/14/94	3.9	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-11	11/02/94	5.1	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-11	02/01/95	7.1	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-11	04/12/95	6.1	<1.0	4.2	3.9	3.0	<4.0	---	---	---	---	---	---	---
MW-11	08/02/95	4.5	1.1	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	---
MW-11A	12/13/90	<1.0	<1.0	70	41	41	110	<50	5,200	---	---	---	---	---
MW-11A	06/24/91	1.0	<1.0	<2.0	<2.0	13	<4.0	<100	---	1.2	1.5	<0.4	<0.8	---
MW-11A (R)	06/24/91	<1.0	<1.0	11	3.9	<2.0	<4.0	<100	---	---	---	---	---	---
MW-11A	05/13/92	<1.0	<1.0	<10	<10	63	<20	---	---	---	---	---	---	---
MW-11A	07/09/92	<1.0	2.6	16	64	43	200	21	170	<1	<1	<5	<5.0	---
MW-11A	11/04/92	1.5	<1.0	<20	71	<20	180	18	160	<1.0	<1.0	<5.0	<5.0	---
MW-11A (R)	11/04/92	---	---	---	---	---	---	17	---	---	---	---	---	---
MW-11A	01/06/93	1.0	1.0	<2.0	31	7.4	55	12	120	---	---	---	---	---
MW-11A	04/02/93	1.5	2.0	<100	230	<100	740	79	870	---	---	---	---	---
MW-11A	06/30/93	1.9	1.2	<100	<100	<100	<200	23	410	---	---	---	---	---
MW-11A	10/13/93	2.8	1.2	<20	110	<20	300	21	220	---	---	---	---	---
MW-11A	01/11/94	1.3	<1.0	<2.0	<2.0	<2.0	6.7	<10	95	---	---	---	---	---
MW-11A	04/27/94	2.5	1.3	48	14	2.3	30	<2.0	170	---	---	---	---	---
MW-11A	07/14/94	1.7	<1.0	17	4.6	<2.0	<4.0	<2.0	<1.0	---	---	---	---	---
MW-11A	11/02/94	2.7	1.2	5.7	<2.0	<2.0	18	<2.0	<1.0	---	---	---	---	---
MW-11A	02/01/95	3.8	<1.0	<2.0	<2.0	<2.0	<4.0	<2.0	120	---	---	---	---	---
MW-11A	04/12/95	1.4	<1.0	<2.0	<2.0	<2.0	<4.0	<2.0	38	---	---	---	---	---
MW-11A	08/02/95	3.0	1.7	<2.0	<2.0	<2.0	<6.0	<2.0	52	9.1	<2.0	<5.0	<10	---
MW-12	12/13/90	11	<1.0	120	100	1,300	250	<50	14,000	---	---	---	---	---
MW-12	06/24/91	10	1.0	<100	150	1,600	290	<200	---	5.5	.6	<4	<8	---
MW-12	01/15/92	6.0	25	100	140	1,500	250	---	1,400	---	<6.0	<6.0	46	---
MW-12	04/07/92	7.0	2.6	71	90	230	270	---	930	47	<1	<1.0	<5.0	---
MW-12	06/10/92	7.6	3.7	100	110	120	310	---	460	21	<5	<5	<5.0	---

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-12	07/15/92	6.5	2.6	100	99	120	300	---	650	28	<0.1	<0.5	20	
MW-12	09/30/92	---	---	79	94	150	260	---	---	---	---	---	---	
MW-12	11/03/92	6.4	2.1	77	77	480	220	---	540	21	<1.0	<5.0	<5.0	
MW-12	01/06/93	5.1	2.7	69	93	370	250	<10	410	---	---	---	---	
MW-12	04/02/93	4.5	<1.0	69	89	<20	240	<10	270	---	---	---	---	
MW-12	06/30/93	5.3	1.1	<40	59	160	270	14	890	---	---	---	---	
MW-12 (R)	06/30/93	---	---	---	---	---	---	13	---	---	---	---	---	
MW-12	08/05/93	9.5	---	57	140	370	400	---	600	22	<4.0	<4.0	<4.0	
MW-12	10/13/93	8.2	1.4	160	250	1,100	670	12	510	---	---	---	---	
MW-12 (R)	10/13/93	---	---	---	---	---	---	14	---	---	---	---	---	
MW-12	01/11/94	9.0	1.9	82	120	29	360	14	940	---	---	---	---	
MW-12 (R)	01/11/94	---	---	---	---	---	---	13	---	---	---	---	---	
MW-12	04/26/94	10	2.7	72	150	140	390	<10	530	---	---	---	---	
MW-12 (R)	04/26/94	---	---	68	140	130	360	<10	---	---	---	---	---	
MW-12	07/14/94	12	3.0	64	160	590	440	<20	340	---	---	---	---	
MW-12	11/02/94	1.8	4.5	75	310	180	1,100	<10	390	---	---	---	---	
MW-12 (R)	11/02/94	---	---	---	---	---	---	<10	---	---	---	---	---	
MW-12	02/01/95	7.9	2.4	59	190	11	970	---	570	---	---	---	---	
MW-12	04/11/95	4.9	2.8	62	320	51	990	---	710	---	---	---	---	
MW-12	08/01/95	42	9.9	40	9.0	<2.0	27	---	220	<2.0	<2.0	<5.0	<10	
MW-12A	12/13/90	14	<1.0	<100	300	490	1,200	---	13,000	---	---	---	---	
MW-12A (R)	12/13/90	13	1.0	<100	310	490	1,000	---	12,000	---	---	---	---	
MW-12A	06/24/91	8.0	1.0	56	300	350	940	---	---	5.8	2.0	<4	2.6	
MW-12A (R)	06/24/91	8.0	1.0	70	380	440	1,000	---	---	---	---	---	---	
MW-12A	01/15/92	8.0	120	81	<10	150	<20	---	1,700	---	<6.0	<6.0	<10	
MW-12A	04/07/92	4.0	3.5	26	320	52	1,100	---	960	4.9	<1	<1.0	<5.0	
MW-12A	06/10/92	6.2	3.9	130	940	160	3,100	---	890	6.1	<5	<5	<5.0	
MW-12A	07/15/92	6.0	3.3	70	1,100	75	4,300	---	970	2.1	.8	<5	<5.0	
MW-12A	09/30/92	---	---	21	210	57	1,000	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-12A	11/03/92	4.2	2.1	<20	110	83	510	---	550	2.7	2.9	<5.0	<5.0	
MW-12A	01/06/93	4.7	2.5	44	420	49	1,600	---	710	---	---	---	---	
MW-12A	04/02/93	4.2	1.2	45	460	270	1,400	---	1,000	---	---	---	---	
MW-12A	06/30/93	5.8	<1.0	160	<100	<100	<200	---	550	---	---	---	---	
MW-12A	08/05/93	6.3	---	46	130	<20	310	---	580	<4.0	<4.0	<4.0	<4.0	
MW-12A	10/13/93	10	1.7	51	610	<20	1,800	---	620	---	---	---	---	
MW-12A	01/11/94	2.3	1.1	<20	39	21	98	---	350	---	---	---	---	
MW-12A	04/26/94	24	1.8	160	35	<20	51	---	240	<1.0	<1.0	<5.0	<5.0	
MW-12A	07/14/94	25	---	87	18	<7.5	42	16	340	---	---	---	---	
MW-12A	11/02/94	15	1.2	<20	<20	<20	<40	---	<1.0	---	---	---	---	
MW-12A	02/01/95	16	<1.0	<20	<20	<20	60	---	230	---	---	---	---	
MW-12A	04/11/95	17	<1.0	11	6.1	3.0	<40	---	100	---	---	---	---	
MW-12A	08/01/95	8.4	20	91	420	280	1,200	---	600	<2.0	<2.0	<5.0	<10	
MW-15	12/12/90	<1.0	<1.0	<20	<20	<20	<40	---	40	---	---	---	---	
MW-15	06/26/91	2.0	<1.0	<50	<10	<10	<20	---	---	---	2.5	<4	<8	
MW-15	01/16/92	<2.0	<1.0	<20	<20	<20	<40	---	11	---	<6.0	<6.0	<10	
MW-15	04/01/92	1.0	<1.0	<20	<20	5.8	5.3	---	3.7	<1	<1	<1.0	<5.0	
MW-15	07/08/92	1.8	<1.0	2.9	4.6	2.4	<40	---	<6.8	<1	<1	<5	<5.0	
MW-15	11/05/92	1.6	1.1	<20	<20	<20	<40	---	17	<1.0	<1.0	<5.0	<5.0	
MW-15	01/07/93	1.5	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
MW-15	04/06/93	1.3	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
MW-15	06/29/93	1.3	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
MW-15	10/14/93	---	---	<20	<20	5.9	4.5	---	---	---	---	---	---	
MW-15	01/12/94	---	---	<20	<20	<20	<40	---	---	---	---	---	---	
MW-16	12/14/90	11	<1.0	<50	<50	<50	<150	<50	190	---	---	---	---	
MW-16	06/21/91	<4.0	<1.0	<20	<20	<20	<40	---	---	3.6	2.4	<4	<8	
MW-16	01/15/92	15	3.4	3.4	<20	2.3	<40	---	370	---	430	7.4	<10	
MW-16	04/07/92	3.0	2.6	<20	<20	2.1	<40	---	760	<1	<1	<1.0	<5.0	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate I)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-16	07/10/92	3.4	<1.0	2.8	3.0	7.5	4.8	---	24	<0.1	<0.1	<0.5	<5.0	
MW-16	11/04/92	3.0	<1.0	<2.0	<2.0	<2.0	<4.0	<10	31	<1.0	<1.0	<5.0	<5.0	
MW-16	01/06/93	5.5	<1.0	<2.0	<2.0	<2.0	<4.0	<10	---	---	---	---	---	
MW-16	04/02/93	3.0	<1.0	<2.0	3.7	2.2	17	---	---	---	---	---	---	
MW-16	06/30/93	2.7	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MW-16	10/13/93	3.7	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MW-16	01/11/94	2.3	---	<2.0	<2.0	<2.0	4.1	---	---	---	---	---	---	
MW-16	11/02/94	4.3	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MW-17	12/13/90	18	<1.0	12	16	190	68	---	9,300	---	---	---	---	
MW-17	06/21/91	22	<1.0	23	25	400	86	---	---	13	25	<4	310	
MW-17	01/14/92	8.0	<1.0	10	25	150	76	---	1,700	---	<6.0	<6.0	120	
MW-17	04/07/92	8.0	<1.0	19	25	87	62	---	1,100	64	<1	<1.0	<5.0	
MW-17	07/15/92	11	2.0	32	31	200	120	---	480	54	<1	<5	64	
MW-17	11/03/92	4.4	<1.0	<20	<20	340	75	---	1,000	21	<1.0	<5.0	<5.0	
MW-17	01/05/93	14	1.6	24	29	500	97	---	---	---	---	---	---	
MW-17	04/01/93	3.6	<1.0	14	16	110	57	---	---	---	---	---	---	
MW-17	06/28/93	8.4	<1.0	31	40	980	160	---	---	---	---	---	---	
MW-17	10/12/93	8.5	1.3	37	44	810	150	---	---	---	---	---	---	
MW-17	01/10/94	11	---	<100	<100	360	<200	---	---	---	---	---	---	
MW-19	06/25/91	---	<1.0	80	270	24	40	---	---	<4	1.7	<4	<8	
MW-19	07/08/92	7.0	2.2	100	240	47	<40	---	250	<1	<1	<5	<5.0	
MW-19	11/06/92	5.0	1.0	15	60	<2.0	<4.0	---	350	2.4	<1.0	<5.0	<5.0	
MW-19	01/08/93	3.5	<1.0	28	110	<20	41	---	---	---	---	---	---	
MW-19	04/06/93	3.6	<1.0	<20	<20	<20	59	---	---	---	---	---	---	
MW-19	06/29/93	3.4	1.0	<50	60	<50	<100	---	---	---	---	---	---	
MW-19	10/14/93	8.6	---	160	670	170	220	---	---	---	---	---	---	
MW-19	01/12/94	5.9	---	100	180	<10	<20	---	---	---	---	---	---	
MW-19	04/28/94	8.2	---	140	520	<50	<100	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MW-19	07/13/94	8.4	---	7.5	21	<2.0	<4.0	---	---	---	---	---	---	---
MW-19	11/01/94	8.5	2.1	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
MW-19	01/31/95	7.2	---	<2.0	<2.0	29	<4.0	---	---	---	---	---	---	---
MW-19	04/11/95	4.3	---	27	120	16	30	---	---	---	---	---	---	---
MW-19	08/01/95	8.9	---	250	640	30	99	---	---	---	---	---	---	---
MWGS-05A	12/14/90	6.0	<1.0	<2.0	<2.0	<2.0	11	---	4,800	---	---	---	---	---
MWGS-05A	06/26/91	2.0	<1.0	<5.0	<10	<10	<20	14	---	<0.4	0.5	<0.4	<0.8	<0.8
MWGS-05A	01/16/92	4.0	20	2.7	<2.0	4.0	8.9	---	1,700	---	<6.0	<6.0	<10	<10
MWGS-05A	04/01/92	5.0	<1.0	<2.0	<2.0	<2.0	9.5	---	1,100	<1	<1	<1.0	<5.0	<5.0
MWGS-05A	07/07/92	6.6	<1.0	4.2	<2.0	12	24	---	1,400	<1	<1	<5	<5.0	<5.0
MWGS-05A	11/05/92	6.4	<1.0	<2.0	<2.0	2.8	16	---	1,800	<1.0	<1.0	<5.0	<5.0	<5.0
MWGS-05A	01/07/93	5.8	<1.0	<2.0	<2.0	6.4	14	---	800	---	---	---	---	---
MWGS-05A	04/06/93	4.2	<1.0	12	<2.0	<2.0	7.2	---	1,900	---	---	---	---	---
MWGS-05A	06/29/93	5.0	<1.0	<5.0	240	610	1,500	---	2,200	---	---	---	---	---
MWGS-05A	08/24/93	---	---	15	<10	<10	<20	---	---	---	---	---	---	---
MWGS-05A	10/14/93	8.0	<1.0	16	<2.0	<2.0	7.3	---	1,400	---	---	---	---	---
MWGS-05A	01/12/94	4.0	<1.0	10	<2.0	<2.0	5.2	---	1,100	<2	100	<2.0	<2.0	<2.0
MWGS-05A	04/26/94	10	<1.0	6.8	2.8	2.3	6.9	---	1,200	<1.0	<1.0	<5.0	<5.0	<5.0
MWGS-05A	07/13/94	6.5	<1.0	3.5	<2.0	<2.0	4.1	---	1,200	<1.0	<1.0	<5.0	<10	<10
MWGS-05A	11/01/94	8.5	<1.0	<2.0	<2.0	<2.0	<4.0	---	540	<1.0	<1.0	<5.0	<10	<10
MWGS-05A	01/31/95	11	<1.0	2.7	<2.0	13	7.8	---	1,400	8.8	<2.0	<5.0	<10	<10
MWGS-05A	04/11/95	6.1	<1.0	<2.0	3.6	<2.0	<4.0	---	970	<2.0	<2.0	<5.0	<10	<10
MWGS-05A	08/01/95	9.6	<1.0	<2.0	<2.0	<2.0	<6.0	---	1,100	<2.0	<2.0	<5.0	<10	<10
MWGS-20	12/12/90	4.0	<1.0	7.0	6.0	13	6.0	---	9,000	---	---	---	---	---
MWGS-20	06/21/91	5.0	<1.0	4.4	7.8	22	5.3	---	---	<2	4.3	<4	<8	<8
MWGS-20	01/14/92	<1.0	<1.0	3.7	4.7	14	<4.0	---	410	---	<6.0	<6.0	<10	<10
MWGS-20	04/07/92	2.0	<1.0	6.0	4.4	<2.0	5.0	---	260	7.4	<1	<1.0	<5.0	<5.0
MWGS-20	04/24/92	---	---	2.5	4.8	15	<4.0	---	---	---	---	---	---	---

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-20	07/15/92	2.6	<1.0	6.0	6.5	7.0	10	---	200	<0.1	<0.1	<0.5	<5.0	
MWGS-20	11/04/92	3.1	<1.0	3.8	6.7	21	12	---	370	<1.0	<1.0	<5.0	<5.0	
MWGS-20	01/06/93	2.7	<1.0	8.3	14	27	13	---	300	---	---	---	---	
MWGS-20	04/02/93	1.8	<1.0	5.6	3.5	10	5.8	---	280	---	---	---	---	
MWGS-20	06/30/93	1.9	<1.0	<20	<20	<20	<40	---	540	---	---	---	---	
MWGS-20	10/13/93	2.3	---	15	4.1	7.7	<4.0	---	550	---	---	---	---	
MWGS-20	01/11/94	2.9	---	21	3.4	3.3	6.2	---	150	---	---	---	---	
MWGS-20	04/26/94	2.5	---	29	3.0	<2.0	<4.0	---	130	---	---	---	---	
MWGS-20	07/12/94	1.9	---	15	2.4	<2.0	<4.0	---	130	---	---	---	---	
MWGS-20	11/02/94	6.2	---	3.7	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	
MWGS-20	02/01/95	3.3	---	3.6	<2.0	<2.0	<4.0	---	150	---	---	---	---	
MWGS-20	04/12/95	1.4	---	---	---	---	---	---	190	---	---	---	---	
MWGS-20	07/31/95	4.2	---	21	<2.0	<2.0	<6.0	---	50	---	---	---	---	
MWGS-21	12/12/90	2.0	<1.0	2.0	3.0	18	<4.0	---	320	---	---	---	---	
MWGS-21	06/21/91	4.0	<1.0	<5.0	11	35	<20	---	---	5.2	2.2	<4	<8	
MWGS-21	01/14/92	<2.0	100	<2.0	5.4	13	<4.0	---	18	---	<6.0	<6.0	<10	
MWGS-21	04/07/92	1.0	<1.0	<2.0	3.1	<2.0	<4.0	---	3.5	<1	<1	<1.0	<5.0	
MWGS-21	07/15/92	2.3	1.7	12	2.7	43	8.7	---	9.1	<1	<1	<5	<5.0	
MWGS-21	11/04/92	1.2	<1.0	2.7	<2.0	35	<4.0	---	16	1.6	<1.0	<5.0	<5.0	
MWGS-21	01/06/93	<1.0	<1.0	2.3	2.5	24	<4.0	---	---	---	---	---	---	
MWGS-21	04/02/93	1.3	<1.0	<2.0	<2.0	3.9	<4.0	---	---	---	---	---	---	
MWGS-21	06/30/93	1.3	<1.0	<40	<40	<40	<80	---	---	---	---	---	---	
MWGS-21	10/13/93	3.2	---	12	4.3	<2.0	<4.0	---	---	---	---	---	---	
MWGS-21	01/11/94	1.1	---	5.6	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-21	04/28/94	3.5	---	40	11	<2.0	<4.0	---	---	---	---	---	---	
MWGS-21	07/12/94	2.0	---	7.2	2.3	2.0	<4.0	---	---	---	---	---	---	
MWGS-21	11/02/94	3.0	---	20	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-21	02/01/95	2.2	---	18	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-21	04/12/95	2.4	---	16	2.6	<2.0	<4.0	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-21	07/31/95	3.4	---	22	<2.0	<2.0	<6.0	---	---	---	---	---	---	
MWGS-22	12/14/90	6.0	2.0	230	320	400	1,700	---	8,600	---	---	---	---	
MWGS-22 (R)	12/14/90	6.0	3.0	220	320	370	1,400	---	9,900	---	---	---	---	
MWGS-22	06/25/91	7.0	2.7	400	440	700	2,200	<10	---	15	<0.4	<0.4	<0.8	
MWGS-22 (R)	06/25/91	9.0	2.2	350	380	600	1,800	<10	---	16	<.4	<.4	<.8	
MWGS-22	01/17/92	2.0	2.2	410	390	110	1,900	---	980	---	<6.0	<6.0	<10	
MWGS-22	04/02/92	4.0	2.7	240	190	130	1,100	---	520	7.4	<.1	<.1	<5.0	
MWGS-22	07/08/92	5.3	3.3	97	63	30	1,000	---	290	<.1	<.1	<.5	<5.0	
MWGS-22	11/05/92	4.5	4.5	170	260	420	1,700	---	650	1.1	<1.0	<5.0	<5.0	
MWGS-22	01/07/93	3.4	3.1	87	120	79	610	---	1,000	---	---	---	---	
MWGS-22	04/06/93	2.5	2.3	170	260	170	1,300	---	540	---	---	---	---	
MWGS-22	06/29/93	4.3	2.0	160	210	46	1,200	---	480	---	---	---	---	
MWGS-22	10/14/93	10	1.3	120	130	63	640	---	350	---	---	---	---	
MWGS-22	01/12/94	4.5	3.1	150	190	140	890	---	530	---	---	---	---	
MWGS-22	04/26/94	6.1	3.5	46	99	30	440	---	590	---	---	---	---	
MWGS-22	07/13/94	4.6	2.2	41	65	<7.5	280	---	450	---	---	---	---	
MWGS-22	11/01/94	6.7	2.6	12	31	35	280	---	460	---	---	---	---	
MWGS-22	01/31/95	<1.0	3.1	97	210	63	960	---	890	---	---	---	---	
MWGS-22	04/11/95	3.5	1.3	19	44	5.6	210	---	360	---	---	---	---	
MWGS-22	08/01/95	8.1	4.7	110	220	<10	1,000	---	280	<2.0	<2.0	<5.0	<10	
MWGS-23C	06/19/91	---	---	<1.0	10	1.9	18	---	---	---	16	<.4	<.8	Samples collected with peristaltic pump; samples degassing.
MWGS-23D	06/19/91	---	---	<5.0	<10	36	<20	---	---	<.4	1.6	<.4	<.8	Samples collected with peristaltic pump; samples degassing.
MWGS-23D (R)	06/19/91	---	---	<1.0	<1.0	<1.0	<1.0	---	---	---	---	---	---	
MWGS-23D (R)	06/19/91	---	---	<1.0	<1.0	<1.0	<1.0	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-23E	06/19/91	---	---	<1.0	<1.0	<1.0	<1.0	---	---	---	---	---	---	Samples collected with peristaltic pump; samples degassing.
MWGS-24C	06/18/91	---	---	<5.0	140	40	670	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-24C (R)	06/18/91	---	---	<1.0	190	25	880	---	---	---	---	---	---	
MWGS-24D	06/18/91	---	---	<1.0	1.2	1.6	5.3	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-24E	06/18/91	---	---	<1.0	<1.0	<1.0	<1.0	---	---	---	---	---	---	Samples collected with peristaltic pump; samples degassing.
MWGS-25B	06/19/91	---	---	3.8	15	37	25	---	---	8.2	0.4	<0.4	<0.8	
MWGS-25B (R)	06/19/91	---	---	2.6	17	36	22	---	---	---	---	---	---	
MWGS-25C	06/19/91	---	---	22	97	56	21	---	---	32	1.6	<4	<8	Samples collected with peristaltic pump; samples degassing.
MWGS-25D	06/19/91	---	---	71	39	280	55	---	---	.2	300	3.5	140	
MWGS-26B	06/19/91	---	---	28	140	370	260	---	---	19	5.1	5.0	69	Samples collected with peristaltic pump; samples degassing.
MWGS-26B (R)	06/19/91	---	---	18	110	220	220	---	---	---	---	---	---	
MWGS-26C	06/19/91	---	---	23	51	61	38	---	---	19	4.4	<4	<8	Samples collected with peristaltic pump.
MWGS-26C (R)	06/19/91	---	---	23	54	72	42	---	---	---	---	---	---	
MWGS-26D	06/19/91	---	---	53	63	340	120	---	---	<4	2.7	<4	11	Samples collected with peristaltic pump.



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-26E	06/19/91	---	---	210	8.9	22	7.7	---	---	7.6	3.2	<0.4	6.5	Samples collected with peristaltic pump; samples degassing.
MWGS-27A	10/10/91	18	<1.0	100	400	<20	<40	---	---	<.4	1.5	<.4	.9	
MWGS-27A	05/13/92	8.0	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-27A	07/09/92	4.4	<1.0	3.5	2.7	<2.0	6.2	---	15	<.1	<.1	<.5	<5.0	
MWGS-27A	11/04/92	20	---	11	53	<10	<20	---	55	<1.0	<1.0	<5.0	<5.0	
MWGS-27A	01/06/93	---	---	110	260	50	120	---	---	---	---	---	---	Very little water available, poured BTEX sample.
MWGS-27A	04/02/93	---	---	23	100	<2.0	<4.0	---	---	---	---	---	---	
MWGS-27B	10/10/91	8.0	6.4	720	660	600	2,200	160	---	1.6	3.3	3.2	<.8	
MWGS-27B	11/04/92	---	---	---	---	---	---	---	---	---	---	---	---	More than 2 feet of free product.
MWGS-27C	10/10/91	<2.0	1.8	7.5	19	3.2	75	---	---	<.4	<.4	2.3	<.8	
MWGS-27C	05/13/92	2.0	---	<2.0	9.0	2.7	18	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-27C	07/09/92	1.9	1.5	3.6	9.3	2.5	31	---	87	<.1	<.1	<.5	<5.0	
MWGS-27C	10/13/93	3.6	---	<20	65	<20	170	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-27C	01/11/94	---	---	<20	<20	<20	55	---	---	---	---	---	---	
MWGS-27C	04/27/94	---	---	<20	39	<20	210	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-27C	07/14/94	---	---	4.6	2.3	2.7	7.7	---	---	---	---	---	---	
MWGS-27C	11/02/94	---	---	<50	<50	<50	230	---	---	---	---	---	---	
MWGS-27C	08/02/95	---	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
MWGS-28A	10/09/91	9.0	<1.0	8.3	15	<2.0	<4.0	---	---	<.4	3.4	2.3	<.8	
MWGS-28A	05/13/92	2.0	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-28A	07/09/92	2.2	<1.0	<2.0	<2.0	2.2	8.3	---	<6.8	<.1	<.1	<.5	<5.0	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-28A	11/04/92	6.9	<1.0	2.6	<2.0	<2.0	<4.0	---	33	<1.0	<1.0	<5.0	<5.0	
MWGS-28A	01/06/93	7.1	<1.0	<2.0	3.3	<2.0	5.9	---	---	---	---	---	---	
MWGS-28B	10/09/91	2.0	7.0	150	560	130	2,400	---	---	3.0	.6	1.3	<.8	
MWGS-28B	05/13/92	3.0	---	220	380	<100	1,500	---	---	---	---	---	---	
MWGS-28B	07/09/92	4.0	19	440	520	830	2,100	---	640	<.1	<.1	<.5	<5.0	
MWGS-28B	11/04/92	5.0	3.9	240	710	1,600	3,100	---	680	<1.0	<1.0	<5.0	<5.0	
MWGS-28B	01/06/93	3.1	7.9	140	410	120	1,700	---	---	---	---	---	---	
MWGS-28B	04/02/93	4.0	---	760	760	1,700	3,000	---	---	---	---	---	---	
MWGS-28B	06/30/93	3.1	5.1	960	880	860	4,200	---	---	---	---	---	---	
MWGS-28B	10/13/93	1.3	---	<20	540	78	1,900	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-28B	01/11/94	---	---	<500	700	<500	3,000	---	240	---	---	---	---	
MWGS-28B	04/27/94	---	---	240	550	860	2,600	---	1,200	---	---	---	---	Samples collected with peristaltic pump.
MWGS-28B	07/14/94	---	---	150	440	59	2,300	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
MWGS-28B	11/02/94	---	---	250	290	130	3,200	---	---	---	---	---	---	
MWGS-28B	02/01/95	---	---	680	870	<500	3,500	---	---	---	---	---	---	
MWGS-28B	04/12/95	---	---	380	810	130	3,500	---	---	---	---	---	---	
MWGS-28B	08/02/95	---	---	140	260	<20	890	---	---	---	---	---	---	
MWGS-28C	10/09/91	12	<1.0	23	160	<10	27	---	---	<.4	.9	<.4	<.8	
MWGS-28C	05/13/92	3.1	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-28C	07/09/92	---	---	2.2	3.2	3.0	10	---	18	<.1	<.1	<.5	<5.0	
MWGS-28C	11/04/92	20	---	2.9	11	<2.0	9.6	---	210	<1.0	<1.0	<5.0	<5.0	
MWGS-28C	01/06/93	13	---	7.2	33	<2.0	11	---	---	---	---	---	---	
MWGS-28D	10/13/93	7.5	---	130	120	<20	270	---	---	---	---	---	---	Samples collected with peristaltic pump.
MWGS-28D	01/11/94	---	---	110	180	<20	180	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-28D	04/27/94	---	---	63	190	<20	150	---	---	---	---	---	---	Samples collected with 1-inch bailer.
MWGS-28D	07/14/94	---	---	70	160	32	160	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
MWGS-28D	11/02/94	---	---	<100	140	<100	740	---	---	---	---	---	---	Free product present.
MWGS-28D	04/12/95	---	---	---	---	---	---	---	---	---	---	---	---	Free product present.
MWGS-29A	10/11/91	4.0	6.5	190	440	840	1,900	---	---	5.5	1.3	0.5	<0.8	
MWGS-29A (R)	10/11/91	4.0	5.7	200	480	530	2,000	---	---	4.8	1.2	1.2	<.8	
MWGS-29A	05/13/92	13	6.0	250	530	4,700	2,400	---	---	---	---	---	---	
MWGS-29B	10/11/91	2.0	<1.0	<2.0	<2.0	3.2	<4.0	---	---	<.4	.5	6.2	<.8	
MWGS-29B	05/13/92	2.4	<1.0	<2.0	<2.0	15	<4.0	---	---	---	---	---	---	
MWGS-29B	07/09/92	2.9	1.4	2.0	8.7	20	7.9	---	140	<.1	<.1	<.5	<5.0	
MWGS-29B	11/04/92	4.4	1.0	<2.0	<2.0	6.1	<4.0	---	110	1.1	<1.0	<5.0	<5.0	
MWGS-29B	01/06/93	4.9	1.4	4.1	16	4.2	26	---	---	---	---	---	---	
MWGS-29B	04/02/93	3.1	<1.0	2.9	4.4	9.7	14	---	---	---	---	---	---	
MWGS-29B	06/30/93	2.7	<1.0	7.8	<2.0	2.7	<4.0	---	---	---	---	---	---	
MWGS-29B	10/13/93	3.5	---	20	4.5	<2.0	<4.0	---	---	---	---	---	---	
MWGS-29B	01/11/94	4.1	---	32	<10	<10	53	---	---	---	---	---	---	
MWGS-29B	04/27/94	3.9	---	18	81	<10	100	---	---	---	---	---	---	
MWGS-29B	07/14/94	3.0	---	110	25	15	33	---	---	---	---	---	---	
MWGS-29B	11/02/94	5.0	---	<10	40	<10	420	---	---	---	---	---	---	
MWGS-29B	02/01/95	6.7	---	42	39	<10	170	---	---	---	---	---	---	
MWGS-29B	04/12/95	3.6	---	<2.0	4.8	<2.0	15	---	---	---	---	---	---	
MWGS-29B	08/02/95	4.4	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
MWGS-30A	10/10/91	10	6.5	<100	590	4,200	2,800	---	---	<.4	58	4.5	6.9	
MWGS-30A	05/13/92	---	---	<100	410	2,500	2,000	---	---	---	---	---	---	
MWGS-30A	11/04/92	---	---	---	---	---	---	---	---	---	---	---	---	0.07 foot of free product present.
MWGS-30A	04/12/95	---	---	---	---	---	---	---	---	---	---	---	---	Free product present.

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEx, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-30B	10/10/91	<2.0	<1.0	<2.0	<2.0	2.0	<4.0	---	---	3.9	2.5	0.7	<0.8	
MWGS-30B	05/13/92	1.5	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-30B	07/09/92	1.5	<1.0	<2.0	2.5	42	4.7	---	62	<1	<1	<5	<5.0	
MWGS-30B	11/04/92	3.8	1.4	<2.0	<2.0	12	10	---	91	<1.0	<1.0	<5.0	<5.0	
MWGS-30B	01/06/93	1.9	1.1	30	<2.0	18	4.7	---	---	---	---	---	---	
MWGS-30B	04/02/93	1.1	<1.0	<2.0	<2.0	3.8	<4.0	---	---	---	---	---	---	
MWGS-30B	06/30/93	1.5	---	<20	<20	<20	<40	---	---	---	---	---	---	
MWGS-30B	10/13/93	3.6	---	9.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-30B	01/11/94	1.2	---	2.4	<2.0	<2.0	12	---	---	---	---	---	---	
MWGS-30B	04/27/94	2.5	---	8.7	7.2	3.4	<4.0	---	---	---	---	---	---	
MWGS-30B	07/14/94	2.2	---	54	<3.0	<3.0	<4.0	---	---	---	---	---	---	
MWGS-30B	11/02/94	4.4	---	5.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-30B	02/01/95	2.3	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-30B	04/12/95	1.2	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-30B	08/02/95	2.2	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
MWGS-31A	01/14/92	10	<1.0	20	23	250	62	24	1,300	---	<6.0	<6.0	180	
MWGS-31A	04/08/92	7.0	1.0	15	12	100	33	21	310	170	<1	<1.0	<5.0	
MWGS-31A	04/24/92	---	---	20	24	170	60	---	---	---	---	---	---	
MWGS-31A	07/13/92	14	<1.0	38	27	200	91	16	660	86	<1	<5	100	
MWGS-31A	09/02/92	---	---	10	12	120	28	<10	83	65	2	<5.0	<5.0	
MWGS-31A	09/15/92	---	---	3.9	3.6	59	13	<10	180	59	<2	<2	<5.0	
MWGS-31A	09/29/92	---	---	<2.0	<2.0	24	6.3	---	---	---	---	---	---	
MWGS-31A	10/15/92	---	---	4.7	6.2	50	16	---	---	---	---	---	---	
MWGS-31A	11/03/92	3.1	1.2	14	14	170	40	---	160	13	<1.0	<5.0	<5.0	
MWGS-31A	01/05/93	12	1.3	30	39	310	99	---	530	57	<1.0	<5.0	<5.0	
MWGS-31A (R)	01/05/93	14	1.1	26	32	260	82	---	500	62	<1.0	<5.0	<5.0	
MWGS-31A	04/01/93	4.2	<1.0	<20	<20	170	<40	---	420	85	<1.0	<5.0	<5.0	
MWGS-31A (R)	04/01/93	4.8	<1.0	<20	<20	170	<40	---	530	84	<1.0	<5.0	<5.0	
MWGS-31A	06/28/93	8.4	<1.0	<20	<20	260	<40	---	570	88	<4.0	<10	<10	

**Table 5**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-31A (R)	06/28/93	6.6	<1.0	<20	<20	250	<40	---	430	83	<4.0	<10	<10	
MWGS-31A	08/05/93	8.0	---	7.6	5.9	32	5.3	---	300	26	<4.0	<4.0	<4.0	
MWGS-31A	08/26/93	---	---	22	21	160	33	---	---	---	---	---	---	
MWGS-31A	10/12/93	11	1.3	23	24	75	28	---	330	79	<4.0	<4.0	<4.0	
MWGS-31A (R)	10/12/93	9.3	1.3	19	21	64	5.5	---	---	---	---	---	---	
MWGS-31A	01/10/94	9.1	<1.0	<50	<50	210	130	---	460	81	.9	<2.0	<2.0	
MWGS-31A (R)	01/10/94	7.9	---	25	27	210	78	---	---	---	---	---	---	
MWGS-31A	04/25/94	12	<1.0	<50	<50	370	<100	---	300	110	<1.0	<5.0	<5.0	
MWGS-31A (R)	04/25/94	10	---	<50	<50	510	<100	---	---	---	---	---	---	
MWGS-31A	07/11/94	9.9	1.0	9.9	10	50	16	---	<1.0	120	<1.0	<5.0	<10	
MWGS-31A (R)	07/11/94	10	---	11	11	56	16	---	---	---	---	---	---	
MWGS-31A	10/31/94	2.9	<1.0	<2.0	<2.0	3.4	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-31A (R)	10/31/94	3.2	---	<2.0	<2.0	3.2	<4.0	---	---	---	---	---	---	
MWGS-31A	01/30/95	4.4	<1.0	<50	<50	82	<100	---	120	<2.0	<2.0	<5.0	<10	
MWGS-31A (R)	01/30/95	4.0	---	<2.0	4.8	11	<4.0	---	---	---	---	---	---	
MWGS-31A	04/10/95	4.0	<1.0	6.9	12	22	9.8	---	35	<2.0	<2.0	<5.0	<10	
MWGS-31A (R)	04/10/95	3.6	---	7.6	14	27	11	---	---	---	---	---	---	
MWGS-31A	07/31/95	7.9	<1.0	9.1	17	12	<6.0	---	370	8.8	<2.0	<5.0	<10	
MWGS-31A (R)	07/31/95	7.1	---	11	21	14	6.2	---	---	---	---	---	---	
MWGS-31B	01/14/92	44	<1.0	110	160	1,500	650	91	2,000	---	13,000	65	4,200	
MWGS-31B	04/08/92	440	4.2	170	<100	1,600	350	98	1,400	2,900	4,900	72	550	
MWGS-31B	04/24/92	---	---	200	78	2,000	330	---	---	---	---	---	---	
MWGS-31B	07/13/92	440	<1.0	260	59	1,900	290	---	1,900	2,700	10,000	87	1,800	
MWGS-31B	09/02/92	---	---	140	<100	1,800	290	130	860	3,200	5,900	25	180	
MWGS-31B	09/15/92	---	---	200	59	2,000	270	110	690	3,600	5,900	100	180	
MWGS-31B	09/29/92	---	---	180	<100	2,000	380	---	---	---	---	---	---	
MWGS-31B	10/15/92	---	---	160	120	2,100	830	---	---	---	---	---	---	
MWGS-31B	11/03/92	470	2.1	140	<100	1,800	630	---	800	2,800	9,500	110	200	
MWGS-31B	01/05/93	400	2.3	160	170	2,000	830	---	540	2,300	4,200	85	130	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-31B (R)	01/05/93	410	1.7	170	200	2,300	780	---	---	---	---	---	---	
MWGS-31B	04/01/93	7.2	<1.0	130	68	1,600	310	---	1,000	2,200	5,200	150	180	
MWGS-31B (R)	04/01/93	7.3	<1.0	120	58	1,400	280	---	1,200	1,900	4,900	160	170	
MWGS-31B	06/28/93	290	<1.0	97	<50	2,400	180	---	1,300	1,800	3,400	81	140	
MWGS-31B (R)	06/28/93	320	<1.0	88	<50	2,400	220	---	1,400	1,900	3,700	91	150	
MWGS-31B	08/05/93	260	---	160	90	2,500	320	---	1,000	2,300	4,700	99	150	
MWGS-31B	08/26/93	---	---	140	63	2,500	240	---	---	---	---	---	---	
MWGS-31B	10/12/93	9.9	1.4	190	120	3,400	430	---	1,100	2,900	2,900	140	180	
MWGS-31B (R)	10/12/93	12	1.3	200	120	3,400	470	---	---	---	---	---	---	
MWGS-31B	01/10/94	210	1.6	<500	<500	2,400	<1,000	---	1,000	2,200	1,700	78	21	
MWGS-31B (R)	01/10/94	210	---	<500	<500	1,700	<1,000	---	---	---	---	---	---	
MWGS-31B	01/20/94	180	---	<500	<500	2,600	1,100	---	---	---	---	---	---	
MWGS-31B	04/25/94	170	<1.0	<500	<500	2,500	<1,000	---	1,200	1,800	670	72	<5.0	
MWGS-31B (R)	04/25/94	15	---	<500	<500	2,300	<1,000	---	---	---	---	---	---	
MWGS-31B	07/11/94	130	1.1	160	<150	1,600	320	---	1,100	1,500	360	19	<10	
MWGS-31B (R)	07/11/94	120	---	160	<150	1,600	270	---	---	---	---	---	---	
MWGS-31B	10/31/94	140	<1.0	150	120	2,500	280	---	1,600	1,200	290	<5.0	<10	
MWGS-31B (R)	10/31/94	93	---	140	110	2,700	240	---	---	---	---	---	---	
MWGS-31B	01/30/95	91	<1.0	<200	<200	2,000	<400	---	1,700	390	53	<5.0	<10	
MWGS-31B (R)	01/30/95	110	---	<500	<500	2,000	<1,000	---	---	---	---	---	---	
MWGS-31B	04/10/95	70	<1.0	220	210	2,000	350	---	1,200	920	160	<5.0	<10	
MWGS-31B (R)	04/10/95	61	---	220	210	1,900	330	---	---	---	---	---	---	
MWGS-31B	07/31/95	78	<1.0	<500	<500	1,600	<1,500	---	1,200	750	46	<5.0	<10	
MWGS-31B (R)	07/31/95	81	---	<500	<500	1,200	<1,500	---	---	---	---	---	---	
MWGS-31B	10/25/95	---	---	---	---	---	---	---	---	520	2.9	<14	<10	
MWGS-32A	01/14/92	62	1.4	23	190	2,500	400	140	---	---	110	15	670	
MWGS-32A	04/08/92	24	2.6	<100	210	2,000	530	280	1,000	260	200	7.0	<5.0	
MWGS-32A	04/24/92	---	---	22	170	1,700	410	---	---	---	---	---	---	
MWGS-32A	07/13/92	16	<1.0	23	77	190	180	160	200	61	<1	<5	<5.0	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEx, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-32A	09/02/92	---	---	<10	35	66	100	100	230	21	69	<5.0	<5.0	
MWGS-32A	09/29/92	---	---	<10	80	75	180	---	---	---	---	---	---	
MWGS-32A	10/15/92	---	---	<2.0	<2.0	<2.0	5.4	---	---	---	---	---	---	
MWGS-32A	11/03/92	4.6	2.5	<10	62	130	190	---	150	5.8	1.5	<5.0	<5.0	
MWGS-32A	01/05/93	7.4	1.9	<20	110	770	290	---	450	21	<1.0	<5.0	<5.0	
MWGS-32A (R)	01/05/93	8.1	1.2	13	110	830	290	---	420	19	<1.0	<5.0	<5.0	
MWGS-32A	04/01/93	5.9	1.4	23	110	880	310	---	570	75	5.2	<5.0	<5.0	
MWGS-32A (R)	04/01/93	12	1.1	21	110	790	310	---	790	73	5.2	<5.0	<5.0	
MWGS-32A	06/28/93	11	<1.0	<20	160	980	370	---	800	35	<4.0	<10	<10	
MWGS-32A (R)	06/28/93	17	<1.0	<50	170	1,100	390	---	450	36	<4.0	<10	<10	
MWGS-32A	08/05/93	19	---	46	200	1,200	540	---	200	64	5.8	<4.0	<4.0	
MWGS-32A (R)	08/05/93	13	---	39	180	1,100	490	---	170	64	5.2	<4.0	<4.0	
MWGS-32A	10/12/93	12	1.9	<100	240	360	530	---	170	52	<4.0	<4.0	<4.0	
MWGS-32A (R)	10/12/93	10	2.0	<40	160	150	110	---	190	37	<4.0	<4.0	<4.0	
MWGS-32A	12/13/93	---	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	
MWGS-32A	01/10/94	4.6	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2	<2	<2.0	<2.0	
MWGS-32A (R)	01/10/94	5.6	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2	<2	<2.0	<2.0	
MWGS-32A	04/25/94	25	<1.0	<50	190	180	350	---	<1.0	<1.0	<1.0	<5.0	<5.0	
MWGS-32A (R)	04/25/94	31	---	<50	200	190	310	---	<1.0	<1.0	<1.0	<5.0	<5.0	
MWGS-32A	07/11/94	7.4	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-32A (R)	07/11/94	11	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-32A	10/31/94	6.5	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-32A (R)	10/31/94	10	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-32A	01/30/95	10	2.2	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-32A (R)	01/30/95	<2.0	---	<2.0	<2.0	2.5	<4.0	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-32A	04/10/95	9.8	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-32A (R)	04/10/95	7.0	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-32A	05/11/95	8.8	---	<50	<50	67	<100	---	46	---	---	---	---	
MWGS-32A	05/24/95	11	---	<20	81	93	160	---	2,300	---	---	---	---	
MWGS-32A	06/01/95	11	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-32A	06/14/95	12	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	---
MWGS-32A	06/22/95	13	---	<10	<10	<10	<20	---	<1.0	---	---	---	---	---
MWGS-32A	06/28/95	11	---	<10	62	28	49	---	89	---	---	---	---	---
MWGS-32A	07/31/95	15	<1.0	<2.0	<2.0	<2.0	<6.0	---	<1.0	<2.0	<2.0	<5.0	<10	<10
MWGS-32A (R)	07/31/95	---	---	---	---	---	---	---	---	<2.0	<2.0	<5.0	<10	<10
MWGS-32A	08/23/95	15	---	<2.0	12	<2.0	7.1	---	<1.0	<2.2	<1.7	<14	<10	<10
MWGS-32A	08/31/95	11	---	<2.0	<2.0	<2.0	<6.0	---	<1.0	<2.2	<1.7	<14	<10	<10
MWGS-32B	01/14/92	10	<1.0	24	210	780	210	52	1,400	---	51	<6.0	73	---
MWGS-32B	04/08/92	8.0	1.1	35	100	260	86	74	1,400	65	16	<1.0	<5.0	<5.0
MWGS-32B	04/24/92	---	---	38	110	310	84	---	---	---	---	---	---	---
MWGS-32B	07/13/92	8.3	1.2	33	65	98	65	64	670	37	1.7	<5	45	---
MWGS-32B	09/02/92	---	---	23	61	160	49	60	480	84	<2.0	<5.0	<5.0	<5.0
MWGS-32B	09/29/92	---	---	28	82	300	99	---	---	---	---	---	---	---
MWGS-32B	10/15/92	---	---	48	88	330	100	---	---	---	---	---	---	---
MWGS-32B	11/03/92	8.0	2.9	<50	<50	260	220	---	1,500	37	<1.0	<5.0	<5.0	<5.0
MWGS-32B	01/05/93	8.1	1.0	23	89	780	150	---	1,200	33	<1.0	<5.0	<5.0	<5.0
MWGS-32B (R)	01/05/93	7.8	1.4	24	94	840	160	---	---	---	---	---	---	---
MWGS-32B	04/01/93	6.7	<1.0	12	52	730	88	---	900	36	1.5	<5.0	<5.0	<5.0
MWGS-32B (R)	04/01/93	7.1	<1.0	<20	61	660	150	---	---	---	---	---	---	---
MWGS-32B	06/28/93	5.5	<1.0	<100	<100	110	<200	---	880	36	<4.0	<10	<10	<10
MWGS-32B	08/05/93	6.5	---	63	63	81	<40	---	710	33	<4.0	<4.0	<4.0	<4.0
MWGS-32B	10/12/93	6.4	1.5	<20	82	51	<40	---	540	49	<4.0	<4.0	<4.0	<4.0
MWGS-32B	01/10/94	6.7	1.8	<50	80	620	160	---	---	<2	2.7	<2.0	<2.0	<2.0
MWGS-32B	04/25/94	7.3	1.2	<50	97	730	330	---	390	52	<1.0	<5.0	<5.0	<5.0
MWGS-32B	07/11/94	8.3	2.5	26	79	880	160	---	450	56	<1.0	<5.0	<10	<10
MWGS-32B	10/31/94	11	<1.0	88	210	1,300	740	---	630	<1.0	<1.0	<5.0	<10	<10
MWGS-32B	01/30/95	12	<1.0	<50	200	2,000	630	---	520	16	5.7	<5.0	<10	<10
MWGS-32B	04/10/95	12	1.2	23	200	2,200	370	---	840	<2.0	<2.0	<5.0	<10	<10
MWGS-32B	05/11/95	15	---	<50	96	1,200	200	---	400	---	---	---	---	---



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-32B (R)	05/11/95	15	---	<50	90	1,100	190	---	---	---	---	---	---	
MWGS-32B	05/24/95	13	---	<40	86	990	170	---	810	---	---	---	---	
MWGS-32B (R)	05/24/95	14	---	<40	86	1,000	170	---	850	---	---	---	---	
MWGS-32B	06/01/95	14	---	<50	84	910	100	---	570	---	---	---	---	
MWGS-32B (R)	06/01/95	20	---	<50	82	900	<100	---	---	---	---	---	---	
MWGS-32B	06/14/95	15	---	<50	720	1,100	3,100	---	630	---	---	---	---	
MWGS-32B (R)	06/14/95	15	---	<50	420	2,000	1,700	---	770	---	---	---	---	
MWGS-32B	06/22/95	13	---	<50	<50	750	<100	---	980	---	---	---	---	
MWGS-32B	06/28/95	13	---	<50	<50	760	<100	---	960	---	---	---	---	
MWGS-32B (R)	06/28/95	15	---	<50	<50	750	<100	---	960	---	---	---	---	
MWGS-32B	07/31/95	18	1.3	<20	100	620	120	---	670	130	<2.0	<5.0	<10	
MWGS-32B (R)	07/31/95	18	---	<20	94	600	110	---	760	150	<2.0	<5.0	<10	
MWGS-32B	08/16/95	18	---	<20	65	340	75	---	730	---	---	---	---	
MWGS-32B	08/23/95	14	---	<20	66	360	81	---	840	160	<1.7	<14	<10	
MWGS-32B	08/31/95	17	---	<20	91	520	110	---	560	160	<1.7	<14	<10	
MWGS-32B	09/07/95	17	---	<20	69	370	86	---	610	130	<1.7	<14	<10	
MWGS-32B	09/13/95	15	---	<50	90	560	<150	---	480	120	<1.7	<14	<10	
MWGS-32B	09/20/95	17	---	<20	80	510	100	---	590	120	<1.7	<14	<10	
MWGS-32B	09/27/95	16	---	<20	72	470	95	---	890	110	<1.7	<14	<10	
MWGS-32B	10/26/95	---	---	---	---	---	---	---	870	---	---	---	---	
MWGS-32B	12/05/95	16	---	<20	86	790	150	---	---	---	---	---	---	
MWGS-32B	01/29/96	---	---	---	---	---	---	---	1,300	---	---	---	---	
MWGS-32B (R)	01/29/96	---	---	---	---	---	---	---	1,200	---	---	---	---	
MWGS-33A	01/14/92	8.0	<1.0	<20	140	1,100	240	140	1,600	---	16	<6.0	54	
MWGS-33A (R)	01/14/92	6.0	<1.0	<20	130	980	260	---	1,100	---	19	<6.0	62	
MWGS-33A	04/08/92	36	<1.0	<100	120	1,200	320	73	840	210	230	12	40	
MWGS-33A (R)	04/08/92	35	<1.0	<20	47	460	110	76	920	220	230	19	44	
MWGS-33A	04/24/92	---	---	<20	79	750	160	---	---	---	---	---	---	
MWGS-33A	07/13/92	5.1	<1.0	<20	130	1,900	110	---	620	80	.7	<.5	71	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-33A (R)	07/13/92	16	<1.0	22	66	1,100	180	---	530	24	<0.1	<0.5	43	
MWGS-33A	09/02/92	---	---	<20	82	260	200	80	240	88	10	<5.0	<5.0	
MWGS-33A	09/29/92	---	---	<20	90	230	580	---	---	---	---	---	---	
MWGS-33A	10/15/92	---	---	<2.0	29	26	60	---	---	---	---	---	---	
MWGS-33A	11/03/92	2.3	<1.0	<20	62	91	140	---	260	---	---	---	---	
MWGS-33A (R)	11/03/92	2.2	<1.0	<20	45	57	97	---	310	7.7	<1.0	<5.0	<5.0	
MWGS-33A	01/05/93	8.8	1.8	<20	90	480	250	---	530	4.1	<1.0	<5.0	<5.0	
MWGS-33A (R)	01/05/93	14	1.2	<20	95	520	270	---	520	4.1	<1.0	<5.0	<5.0	
MWGS-33A	04/01/93	18	<1.0	4.6	47	250	120	---	1,200	54	40	<5.0	<5.0	
MWGS-33A (R)	04/01/93	14	<1.0	<20	54	380	130	---	1,600	57	42	<5.0	<5.0	
MWGS-33A	06/28/93	3.6	<1.0	<20	49	110	44	---	590	10	<4.0	<10	<10	
MWGS-33A (R)	06/28/93	3.7	<1.0	<20	32	78	<40	---	660	10	<4.0	<10	<10	
MWGS-33A	08/05/93	5.9	---	<40	130	630	220	---	370	7.7	<4.0	<4.0	<4.0	
MWGS-33A	10/12/93	4.0	1.1	<20	86	79	140	---	58	<4.0	<4.0	<4.0	<4.0	
MWGS-33A (R)	10/12/93	4.2	1.4	5.2	60	69	120	---	42	<4.0	<4.0	<4.0	<4.0	
MWGS-33A	11/18/93	---	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	<4.0	<1.0	<4.0	<4.0	
MWGS-33A	01/10/94	18	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	.6	.4	<2.0	<2.0	
MWGS-33A (R)	01/10/94	19	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	.7	<2	<2.0	<2.0	
MWGS-33A	04/25/94	31	<1.0	<10	43	<10	46	---	<1.0	<1.0	<1.0	<5.0	<5.0	
MWGS-33A (R)	04/25/94	41	---	<10	46	<10	57	---	<1.0	<1.0	<1.0	<5.0	<5.0	
MWGS-33A	07/11/94	14	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-33A (R)	07/11/94	13	---	<2.0	<2.0	2.1	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-33A	10/31/94	16	<1.0	<2.0	33	<2.0	28	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-33A (R)	10/31/94	17	---	<2.0	15	<2.0	33	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-33A	01/30/95	15	1.8	<2.0	13	<2.0	17	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-33A (R)	01/30/95	18	---	<50	<50	81	<100	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-33A	04/10/95	12	<1.0	<2.0	49	3.4	56	---	37	<2.0	<2.0	<5.0	<10	
MWGS-33A (R)	04/10/95	11	---	<20	100	<20	170	---	37	<2.0	<2.0	<5.0	<10	
MWGS-33A	05/24/95	17	---	---	---	---	---	---	150	---	---	---	---	
MWGS-33A	06/01/95	21	---	<10	62	48	120	---	110	---	---	---	---	

**Table 5.**--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-33A	06/14/95	18	---	<20	57	53	<40	---	160	---	---	---	---	
MWGS-33A	06/22/95	13	---	<2.0	40	21	45	---	75	---	---	---	---	
MWGS-33A	06/28/95	16	---	<10	47	32	54	---	<1.0	---	---	---	---	
MWGS-33A	07/31/95	22	<1.0	<10	74	28	93	---	66	<2.0	<2.0	<5.0	<10	
MWGS-33A (R)	07/31/95	22	---	<10	95	67	170	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-33A	08/23/95	21	---	<20	65	<20	<60	---	67	<2.2	<1.7	<14	<10	
MWGS-33A	08/31/95	13	---	<2.0	<2.0	<2.0	<6.0	---	<1.0	<2.2	<1.7	<14	<10	
MWGS-33A	09/07/95	21	---	<2.0	71	8.8	81	---	---	---	---	---	---	
MWGS-33A	09/13/95	19	---	<2.0	34	5.0	44	---	---	---	---	---	---	
MWGS-33A	09/20/95	---	---	---	---	---	---	---	<1.0	<2.2	<1.7	<14	<10	
MWGS-33B	01/14/92	12	<1.0	28	150	950	240	61	2,000	---	16	<6.0	130	
MWGS-33B (R)	01/14/92	12	<1.0	31	150	710	250	65	2,000	---	13	<6.0	120	
MWGS-33B	04/08/92	9.0	<1.0	48	110	690	180	55	820	94	27	<1.0	<5.0	
MWGS-33B (R)	04/08/92	9.0	<1.0	24	77	440	93	59	1,200	89	29	<1.0	<5.0	
MWGS-33B	04/24/92	---	---	32	76	430	110	---	---	---	---	---	---	
MWGS-33B	07/13/92	8.2	<1.0	28	61	160	73	---	1,000	34	<1	<5	38	
MWGS-33B (R)	07/13/92	8.3	<1.0	28	46	220	56	---	1,000	35	<1	<5	51	
MWGS-33B	09/02/92	---	---	<20	42	170	51	55	650	78	<2.0	<5.0	<5.0	
MWGS-33B	09/29/92	---	---	20	72	560	380	---	---	---	---	---	---	
MWGS-33B	10/15/92	---	---	25	100	820	880	---	---	---	---	---	---	
MWGS-33B	11/03/92	7.9	<1.0	<20	57	770	120	---	1,100	31	<1.0	<5.0	<5.0	
MWGS-33B (R)	11/03/92	7.6	1.0	<20	69	950	230	---	940	34	<1.0	<5.0	<5.0	
MWGS-33B	01/05/93	8.5	1.5	26	90	780	170	---	780	35	<1.0	<5.0	<5.0	
MWGS-33B (R)	01/05/93	8.4	1.4	29	100	870	160	---	---	---	---	---	---	
MWGS-33B	04/01/93	6.3	<1.0	<20	50	410	83	---	800	27	<1.0	<5.0	<5.0	
MWGS-33B (R)	04/01/93	7.6	<1.0	<20	53	450	100	---	---	---	---	---	---	
MWGS-33B	06/28/93	5.8	<1.0	<50	<50	340	<100	---	510	35	<4.0	<10	<10	
MWGS-33B	08/05/93	6.3	---	59	84	440	100	---	820	33	<4.0	<4.0	<4.0	
MWGS-33B	10/12/93	7.9	1.4	<20	120	960	160	---	1,100	47	<4.0	<4.0	<4.0	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate I)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-33B	11/18/93	---	---	<20	110	860	140	---	670	37	<1.0	<4.0	<4.0	
MWGS-33B (R)	11/18/93	---	---	<20	120	870	140	---	840	37	<1.0	<4.0	<4.0	
MWGS-33B	01/10/94	7.5	2.0	<200	270	1,700	510	---	930	56	<2	<2.0	<2.0	
MWGS-33B	04/25/94	10	2.1	330	300	1,100	450	<200	820	57	<1.0	<5.0	<5.0	
MWGS-33B	07/11/94	7.0	2.5	<75	170	850	300	---	410	28	<1.0	<5.0	<10	
MWGS-33B	10/31/94	9.6	1.2	<100	260	580	710	---	240	<1.0	<1.0	<5.0	<10	
MWGS-33B	01/30/95	7.7	<1.0	<100	150	280	400	---	850	27	<2.0	<5.0	<10	
MWGS-33B	04/10/95	7.0	1.2	45	140	550	280	---	750	83	<2.0	<5.0	<10	
MWGS-33B	05/24/95	9.3	---	---	---	---	---	---	860	---	---	---	---	
MWGS-33B	06/01/95	8.9	---	<50	100	410	190	---	440	---	---	---	---	
MWGS-33B	06/14/95	10	---	<100	<100	1,100	<200	---	930	---	---	---	---	
MWGS-33B	06/22/95	9.4	---	<20	97	720	230	---	1,100	---	---	---	---	
MWGS-33B	06/28/95	13	---	<50	<50	1,000	190	---	870	---	---	---	---	
MWGS-33B	07/31/95	16	1.6	<200	<200	1,500	<600	---	910	110	4.7	<5.0	<10	
MWGS-33B	08/16/95	20	---	<100	140	1,500	310	---	680	---	---	---	---	
MWGS-33B	08/23/95	17	---	<20	130	1,400	280	---	820	120	2.8	<14	<10	
MWGS-33B	08/31/95	18	---	<200	240	1,300	<600	---	920	130	<1.7	<14	<10	
MWGS-33B	09/07/95	17	---	<50	160	990	250	---	920	95	<1.7	<14	<10	
MWGS-33B	09/13/95	16	---	<50	150	1,400	290	---	740	85	<1.7	<14	<10	
MWGS-33B	09/20/95	17	---	<50	150	1,300	280	---	950	100	<1.7	<14	<10	
MWGS-33B	09/27/95	17	---	<50	140	1,100	270	---	750	110	<1.7	<14	<10	
MWGS-33B	10/26/95	---	---	52	160	1,100	290	---	---	---	---	---	---	
MWGS-33B	12/05/95	18	---	<50	120	860	240	---	---	---	---	---	---	
MWGS-33B	01/29/96	---	---	---	---	---	---	---	1,100	---	---	---	---	
MWGS-34A	01/14/92	14	<1.0	15	18	230	64	24	1,000	---	18	<6.0	310	
MWGS-34A (R)	01/14/92	14	<1.0	17	18	260	51	---	860	---	23	<6.0	310	
MWGS-34A	04/08/92	14	2.2	21	20	120	49	30	520	110	16	<1.0	<5.0	
MWGS-34A (R)	04/08/92	14	<1.0	25	31	160	65	25	450	110	13	<1.0	<5.0	
MWGS-34A	04/24/92	---	---	6.8	6.6	28	12	---	---	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-34A	07/13/92	8.5	<1.0	9.6	9.7	110	29	---	440	22	<0.1	<0.5	31	
MWGS-34A (R)	07/13/92	12	<1.0	30	22	220	83	---	470	29	<1	<5	71	
MWGS-34A	09/02/92	---	---	<20	<20	35	<40	20	440	63	<2.0	<5.0	<5.0	
MWGS-34A	09/15/92	---	---	4.7	4.8	37	12	<10	91	35	<2	<2	<5.0	
MWGS-34A	09/29/92	---	---	<2.0	<2.0	<2.0	5.0	---	---	---	---	---	---	
MWGS-34A	10/15/92	---	---	2.3	4.0	4.1	15	---	---	---	---	---	---	
MWGS-34A	11/03/92	4.0	1.0	13	15	150	62	---	330	24	<1.0	<5.0	<5.0	
MWGS-34A (R)	11/03/92	3.1	<1.0	<2.0	6.3	69	23	---	310	28	<1.0	<5.0	<5.0	
MWGS-34A	01/05/93	8.7	<1.0	24	30	290	83	---	450	25	<1.0	<5.0	<5.0	
MWGS-34A (R)	01/05/93	5.9	<1.0	17	19	170	60	---	---	---	---	---	---	
MWGS-34A	04/01/93	5.5	<1.0	22	25	270	73	---	590	27	<1.0	<5.0	<5.0	
MWGS-34A (R)	04/01/93	8.3	<1.0	30	33	370	98	---	---	---	---	---	---	
MWGS-34A	06/28/93	7.3	<1.0	<10	<10	190	<20	---	190	71	<4.0	<10	<10	
MWGS-34A (R)	06/28/93	8.6	<1.0	<10	<10	190	<20	---	---	---	---	---	---	
MWGS-34A	08/05/93	6.1	---	36	33	310	61	---	200	21	<4.0	<4.0	<4.0	
MWGS-34A	08/26/93	---	---	11	10	84	<20	---	---	---	---	---	---	
MWGS-34A	10/12/93	6.0	<1.0	<10	18	27	<20	---	<1.0	20	<4.0	<4.0	<4.0	
MWGS-34A (R)	10/12/93	6.2	1.0	18	22	54	<20	---	---	---	---	---	---	
MWGS-34A	01/10/94	11	<1.0	<50	<50	230	120	---	460	94	82	<2.0	<2.0	
MWGS-34A (R)	01/10/94	11	---	32	34	250	90	---	---	---	---	---	---	
MWGS-34A	01/20/94	6.9	---	<50	<50	130	110	---	320	---	---	---	---	
MWGS-34A	02/03/94	7.1	---	<20	<20	120	<40	---	280	53	3.7	<4.0	<20	
MWGS-34A	02/08/94	8.5	---	23	29	180	63	---	610	51	<1.0	<4.0	<20	
MWGS-34A	02/15/94	5.7	---	<20	23	74	58	---	250	46	1.1	<4.0	<20	
MWGS-34A	02/28/94	4.3	---	<20	150	150	250	---	120	43	<1.0	<5.0	<5.0	
MWGS-34A	03/03/94	4.1	---	2.2	3.5	3.6	<4.0	---	<1.0	18	1.2	<4.0	<20	
MWGS-34A	03/15/94	3.5	---	3.9	6.3	8.8	<4.0	---	130	15	<1.0	<4.0	<20	
MWGS-34A	04/25/94	6.4	<1.0	<10	25	79	65	---	82	30	<1.0	<5.0	<5.0	
MWGS-34A (R)	04/25/94	7.0	---	<10	18	35	55	---	---	---	---	---	---	
MWGS-34A	07/11/94	3.2	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	25	<1.0	<5.0	<10	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-34A (R)	07/11/94	3.5	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-34A	10/31/94	3.4	<1.0	<2.0	<2.0	2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-34A (R)	10/31/94	4.1	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-34A	01/30/95	2.3	1.2	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-34A (R)	01/30/95	2.8	---	<10	<10	<10	<20	---	---	---	---	---	---	
MWGS-34A	04/10/95	2.2	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	<2.0	<2.0	<5.0	<10	
MWGS-34A (R)	04/10/95	2.5	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
MWGS-34A	07/31/95	3.3	<1.0	<2.0	<2.0	<2.0	<6.0	---	120	<2.0	<2.0	<5.0	<10	
MWGS-34A (R)	07/31/95	3.4	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
MWGS-34B	01/14/92	380	<1.0	160	120	1,700	220	90	2,400	---	7,900	120	3,100	
MWGS-34B (R)	01/14/92	380	<1.0	180	110	1,900	260	---	2,400	---	5,900	93	2,500	
MWGS-34B	04/08/92	400	5.3	190	120	1,500	330	97	1,300	2,000	5,400	56	220	
MWGS-34B (R)	04/08/92	400	<1.0	190	120	1,600	400	150	1,300	2,100	4,700	58	180	
MWGS-34B	04/24/92	---	---	210	73	1,900	260	---	---	---	---	---	---	
MWGS-34B	07/13/92	450	1.1	99	65	1,900	350	---	2,300	1,400	9,300	56	1,500	
MWGS-34B (R)	07/13/92	460	1.2	230	64	1,900	310	---	2,400	1,600	8,900	59	1,500	
MWGS-34B	09/02/92	---	---	240	<50	1,600	230	150	620	1,800	5,400	25	220	
MWGS-34B	09/15/92	---	---	230	59	1,700	270	80	1,000	1,700	5,800	25	140	
MWGS-34B	09/29/92	---	---	150	56	1,900	290	---	---	---	---	---	---	
MWGS-34B (R)	09/29/92	---	---	170	64	2,100	500	---	---	---	---	---	---	
MWGS-34B	10/15/92	---	---	170	68	1,800	290	---	---	---	---	---	---	
MWGS-34B (R)	10/15/92	---	---	170	73	1,900	370	---	---	---	---	---	---	
MWGS-34B	11/03/92	270	<1.0	180	58	2,000	500	---	1,000	1,300	5,100	53	110	
MWGS-34B (R)	11/03/92	270	<1.0	110	53	1,800	270	---	880	1,400	5,400	58	120	
MWGS-34B	01/05/93	290	1.2	120	73	1,800	---	---	1,200	1,100	5,600	51	100	
MWGS-34B (R)	01/05/93	310	1.4	130	110	2,000	400	---	---	---	---	---	---	
MWGS-34B	04/01/93	320	<1.0	94	68	1,300	310	---	1,500	1,800	5,300	99	140	
MWGS-34B (R)	04/01/93	320	<1.0	110	76	2,000	360	---	1,500	1,500	4,900	110	120	
MWGS-34B	06/28/93	270	<1.0	82	<50	2,400	190	---	1,100	1,600	4,100	51	110	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-34B (R)	06/28/93	270	<1.0	96	<50	2,500	230	---	1,600	1,800	4,300	61	110	
MWGS-34B	08/05/93	250	---	140	89	2,500	320	---	460	1,500	4,200	59	89	
MWGS-34B (R)	08/05/93	230	---	160	100	2,500	360	---	610	1,700	4,400	57	81	
MWGS-34B	08/26/93	---	---	150	85	2,700	330	---	---	---	---	---	---	
MWGS-34B	10/12/93	390	1.5	190	140	3,700	530	---	1,200	2,400	3,400	52	99	
MWGS-34B (R)	10/12/93	390	1.8	170	120	3,800	460	---	1,400	1,900	2,800	60	88	
MWGS-34B	01/10/94	110	1.3	<200	<200	1,900	540	90	1,200	1,000	890	50	53	
MWGS-34B (R)	01/10/94	110	---	<200	<200	2,100	520	---	1,300	1,000	920	54	69	
MWGS-34B	01/20/94	140	---	<200	<200	2,600	630	---	870	---	---	---	---	
MWGS-34B	02/03/94	150	---	<200	<200	3,400	400	---	1,600	1,200	1,200	30	<20	
MWGS-34B (R)	02/03/94	140	---	<200	<200	2,700	<400	---	1,600	1,200	1,200	31	69	
MWGS-34B	02/08/94	160	---	<200	<200	3,500	440	---	1,200	1,100	1,100	35	<20	
MWGS-34B (R)	02/08/94	150	---	<200	250	3,000	<400	---	---	---	---	---	---	
MWGS-34B	02/15/94	120	---	<200	<200	2,500	570	---	1,600	1,200	1,200	38	<20	
MWGS-34B (R)	02/15/94	110	---	<200	<200	2,400	570	---	1,900	1,200	1,200	38	<20	
MWGS-34B	02/28/94	140	---	<400	<400	2,400	<800	---	1,700	1,100	1,100	24	<5.0	
MWGS-34B (R)	02/28/94	140	---	<400	<400	2,300	<800	---	1,600	1,200	1,100	26	<5.0	
MWGS-34B	03/03/94	130	---	<400	<400	2,400	<800	---	1,400	1,000	950	29	<20	
MWGS-34B (R)	03/03/94	110	---	<400	<400	2,600	<800	---	2,400	1,100	960	35	<20	
MWGS-34B	03/15/94	80	---	<500	<500	2,400	<1,000	---	1,800	930	680	27	<20	
MWGS-34B (R)	03/15/94	100	---	<500	<500	1,900	<1,000	---	2,100	930	680	25	<20	
MWGS-34B	03/21/94	86	---	<200	<200	2,400	<400	---	---	---	---	---	---	
MWGS-34B	04/25/94	71	1.3	250	390	2,300	<400	<200	650	840	360	17	<5.0	
MWGS-34B (R)	04/25/94	85	---	<500	<500	2,400	<1,000	---	790	850	360	18	<5.0	
MWGS-34B	07/11/94	78	1.1	120	89	1,400	220	---	2,200	800	320	18	<10	
MWGS-34B (R)	07/11/94	72	---	110	91	1,500	230	---	2,300	810	330	27	<10	
MWGS-34B	10/31/94	52	<1.0	220	<100	2,800	280	---	1,500	640	25	<5.0	<10	
MWGS-34B (R)	10/31/94	54	---	<200	<200	1,500	<400	---	1,100	620	19	<5.0	<10	
MWGS-34B	01/30/95	69	<1.0	<100	<100	1,800	<200	---	1,200	300	<2.0	<5.0	<10	
MWGS-34B (R)	01/30/95	58	---	<500	<500	2,000	<1,000	---	1,400	290	<2.0	<5.0	<10	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-34B	04/10/95	63	<1.0	120	120	2,100	280	---	1,600	710	<2.0	8.9	<10	
MWGS-34B (R)	04/10/95	65	---	220	220	2,100	370	---	1,500	710	<2.0	7.3	<10	
MWGS-34B	07/31/95	58	<1.0	<100	<100	1,900	<300	---	1,700	510	22	<5.0	<10	
MWGS-34B (R)	07/31/95	52	---	<500	<500	1,400	<1,500	---	1,900	480	7.0	<5.0	<10	
MWGS-35	05/14/92	6.0	4.1	480	430	140	1,100	---	---	---	---	---	---	
MWGS-35	07/14/92	7.6	---	890	470	170	1,400	---	540	<1	<1	<5	<5.0	
MWGS-35	11/10/92	4.8	2.5	400	330	130	1,200	---	500	5.8	<1.0	<5.0	<5.0	
MWGS-35	01/11/93	5.3	8.3	800	340	56	1,100	---	---	---	---	---	---	
MWGS-35	04/07/93	3.7	3.3	780	370	81	1,100	---	---	---	---	---	---	
MWGS-35	07/01/93	6.5	1.8	1,000	380	58	1,000	---	---	---	---	---	---	
MWGS-35	10/15/93	9.2	3.7	1,000	600	82	1,600	---	---	---	---	---	---	
MWGS-35	01/13/94	5.3	3.2	220	<50	<50	360	---	---	---	---	---	---	
MWGS-35	04/28/94	6.9	3.3	100	390	<50	740	---	---	---	---	---	---	
MWGS-35	07/12/94	---	---	220	340	670	1,500	---	460	<1.0	2.0	<5.0	<10	Free product present.
MWGS-35	11/02/94	11	11	650	350	260	2,600	---	920	<1.0	<1.0	<5.0	<10	Sheen on water surface; strong odor.
MWGS-35	02/01/95	9.1	4.8	1,300	590	390	1,900	---	800	<2.0	<2.0	<5.0	<10	
MWGS-35	04/12/95	6.4	4.2	720	470	140	1,500	---	720	<2.0	<2.0	<5.0	<10	
MWGS-35	08/02/95	7.9	6.1	540	450	50	1,400	---	630	<2.0	<2.0	<5.0	<10	
MWGS-36	05/14/92	4.0	3.1	380	240	660	1,000	---	---	---	---	---	---	
MWGS-36	07/14/92	4.0	5.1	350	190	400	880	---	130	<1	<1	<5	<5.0	
MWGS-36	11/10/92	5.3	4.4	1,600	650	3,900	5,800	---	490	<1.0	<1.0	<5.0	<5.0	
MWGS-36	01/11/93	2.5	5.1	81	75	34	450	---	---	---	---	---	---	
MWGS-36	04/07/93	4.4	3.1	650	390	2,300	2,000	---	---	---	---	---	---	
MWGS-36	07/01/93	4.4	2.2	89	84	<50	790	---	---	---	---	---	---	
MWGS-36	10/15/93	4.8	2.0	120	190	<10	900	---	---	---	---	---	---	
MWGS-36	01/13/94	2.2	2.2	<20	<20	<20	88	---	---	---	---	---	---	
MWGS-36	04/28/94	4.1	4.4	<20	23	<20	170	---	---	---	---	---	---	



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-37	05/14/92	4.0	4.5	150	680	540	2,700	---	---	---	---	---	---	
MWGS-37	07/14/92	4.2	4.9	190	510	500	2,600	---	640	<0.1	<0.1	<0.5	<5.0	
MWGS-37	11/10/92	3.4	3.9	160	570	350	2,800	---	750	<1.0	<1.0	<5.0	<5.0	
MWGS-37	01/11/93	2.8	7.7	120	460	350	1,900	---	---	---	---	---	---	
MWGS-37	04/07/93	2.1	3.6	<100	170	140	800	---	---	---	---	---	---	
MWGS-37	07/01/93	2.6	2.5	<100	220	700	1,200	---	---	---	---	---	---	
MWGS-37	10/15/93	5.8	2.8	87	480	580	2,100	---	---	---	---	---	---	
MWGS-37	01/13/94	<1.0	4.2	<50	<50	<50	600	---	---	---	---	---	---	
MWGS-37	04/28/94	5.0	7.5	<2.0	940	890	4,800	---	---	---	---	---	---	
MWGS-38	05/14/92	<2.0	<1.0	20	28	36	79	---	---	---	---	---	---	
MWGS-38	07/16/92	1.9	<1.0	18	19	22	58	---	140	<.1	<.1	<.5	<5.0	
MWGS-38	11/10/92	2.1	1.4	17	32	16	170	---	190	<1.0	<1.0	<5.0	<5.0	
MWGS-38	01/11/93	1.4	1.4	8.1	8.6	4.2	40	---	---	---	---	---	---	
MWGS-38	04/07/93	1.3	<1.0	13	10	19	51	---	---	---	---	---	---	
MWGS-38	07/01/93	1.5	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
MWGS-39	04/09/92	6.0	<1.0	110	200	15	350	---	760	8.2	37	5.3	<5.0	
MWGS-39	05/13/92	5.0	<1.0	52	98	<10	160	---	---	---	---	---	---	
MWGS-39	06/11/92	5.5	1.0	60	91	14	250	---	830	.9	1.8	<.5	<5.0	
MWGS-39	07/15/92	5.1	<1.0	11	19	3.0	44	---	820	<.1	<.1	<.5	<5.0	
MWGS-39	09/30/92	---	---	<20	98	<20	450	---	---	---	---	---	---	
MWGS-39	11/04/92	14	1.2	<20	110	<20	530	---	450	1.1	<1.0	<5.0	<5.0	
MWGS-39	01/06/93	2.9	1.3	<20	42	<20	110	---	500	4.1	6.2	<5.0	<5.0	
MWGS-39	04/02/93	14	<1.0	27	200	<20	580	---	460	---	---	---	---	
MWGS-39	06/30/93	4.9	<1.0	46	56	<20	400	---	---	---	---	---	---	
MWGS-39	10/13/93	9.1	<1.0	9.2	11	<2.0	30	---	460	---	---	---	---	
MWGS-39	01/11/94	9.8	<1.0	<10	12	<10	190	---	450	---	---	---	---	
MWGS-39	04/27/94	11	1.0	<10	<10	<10	140	---	470	---	---	---	---	
MWGS-39	07/14/94	11	<1.0	4.6	3.2	2.9	48	---	270	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-39	11/02/94	12	1.0	<50	<50	<50	370	---	390	---	---	---	---	---
MWGS-39	02/01/95	17	1.4	<10	48	<10	420	---	330	---	---	---	---	---
MWGS-39	04/12/95	6.6	1.3	20	42	<10	120	---	390	---	---	---	---	---
MWGS-39	08/02/95	6.9	3.1	26	42	<10	140	---	380	---	---	---	---	---
MWGS-40A	07/13/92	10	<1.0	29	30	500	110	---	680	110	<0.1	<0.5	1,100	
MWGS-40A (R)	07/13/92	12	<1.0	49	36	630	140	---	710	87	<1	<5	110	
MWGS-40A	09/02/92	---	---	<20	<20	42	<40	11	86	63	<2.0	<5.0	<5.0	
MWGS-40A	09/15/92	---	---	4.3	4.1	54	11	11	81	15	.7	<2	<5.0	
MWGS-40A	09/29/92	---	---	<20	<20	160	73	---	---	---	---	---	---	
MWGS-40A	10/15/92	---	---	<10	<10	55	<20	---	---	---	---	---	---	
MWGS-40A	11/03/92	3.3	<1.0	<2.0	35	42	68	---	280	14	<1.0	<5.0	<5.0	
MWGS-40A (R)	11/03/92	6.6	<1.0	<10	<10	67	<20	---	330	18	<1.0	<5.0	<5.0	
MWGS-40A	01/05/93	11	<1.0	14	19	96	43	---	550	35	<1.0	<5.0	<5.0	
MWGS-40A (R)	01/05/93	7.8	<1.0	20	22	190	52	---	---	---	---	---	---	
MWGS-40A	04/01/93	10	<1.0	16	15	110	35	---	370	47	1.1	<5.0	<5.0	
MWGS-40A (R)	04/01/93	17	<1.0	19	22	280	59	---	---	---	---	---	---	
MWGS-40A	06/28/93	11	<1.0	22	24	360	60	---	870	74	<4.0	<10	<10	
MWGS-40A (R)	06/28/93	11	<1.0	17	18	160	31	---	980	77	<4.0	<10	<10	
MWGS-40A	08/05/93	15	---	<10	<10	70	<20	---	<1.0	16	<4.0	<4.0	<4.0	
MWGS-40A	08/26/93	---	---	14	16	93	<20	---	---	---	---	---	---	
MWGS-40A	10/12/93	11	1.2	45	53	400	120	---	110	19	<4.0	<4.0	<4.0	
MWGS-40A (R)	10/12/93	13	1.3	44	51	310	110	---	---	---	---	---	---	
MWGS-40A	01/10/94	11	<1.0	<50	<50	95	<100	---	540	130	<2	<2.0	<2.0	
MWGS-40A (R)	01/10/94	11	---	16	17	77	33	---	---	---	---	---	---	
MWGS-40A	04/25/94	17	<1.0	<10	<10	61	<20	---	660	85	<1.0	<5.0	<5.0	
MWGS-40A (R)	04/25/94	16	---	<10	<10	43	<20	---	---	---	---	---	---	
MWGS-40A	07/11/94	10	<1.0	2.9	2.8	20	4.6	---	<1.0	31	<1.0	<5.0	<10	
MWGS-40A (R)	07/11/94	11	---	2.7	2.8	18	4.7	---	---	---	---	---	---	
MWGS-40A	10/31/94	6.2	<1.0	<10	<10	38	<20	---	<1.0	<1.0	<1.0	<5.0	<10	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-40A (R)	10/31/94	5.0	---	<2.0	<2.0	12	<4.0	---	---	---	---	---	---	
MWGS-40A	01/30/95	5.7	<1.0	<10	12	110	28	---	130	8.7	<2.0	<5.0	<10	
MWGS-40A (R)	01/30/95	6.2	---	<10	<10	150	<20	---	---	---	---	---	---	
MWGS-40A	04/10/95	5.6	<1.0	6.3	7.6	15	6.2	---	110	<2.0	<2.0	<5.0	<10	
MWGS-40A (R)	04/10/95	5.4	---	8.3	10	26	7.4	---	---	---	---	---	---	
MWGS-40A	07/31/95	11	<1.0	<20	28	180	<60	---	410	35	2.7	<5.0	<10	
MWGS-40A (R)	07/31/95	11	---	<20	39	440	91	---	---	---	---	---	---	
MWGS-40B	07/13/92	220	<1.0	260	130	1,700	530	---	980	660	1,700	9.8	820	
MWGS-40B (R)	07/13/92	220	<1.0	240	120	2,000	520	---	1,500	650	1,800	9.4	870	
MWGS-40B	09/02/92	---	---	51	<50	1,100	180	67	860	1,300	4,000	25	73	
MWGS-40B (R)	09/02/92	---	---	54	<50	1,100	180	130	730	1,300	4,100	25	73	
MWGS-40B	09/15/92	---	---	220	55	1,300	260	72	1,000	1,300	6,800	25	81	
MWGS-40B (R)	09/15/92	---	---	250	57	1,800	260	78	1,200	1,300	6,800	25	88	
MWGS-40B	09/29/92	---	---	150	61	2,000	340	---	---	---	---	---	---	
MWGS-40B	10/15/92	---	---	160	72	1,900	320	---	---	---	---	---	---	
MWGS-40B	11/03/92	290	<1.0	150	<50	1,600	240	---	2,700	1,300	9,500	35	86	
MWGS-40B (R)	11/03/92	290	<1.0	150	<50	1,600	250	---	1,800	1,200	9,800	37	88	
MWGS-40B	01/05/93	290	4.3	120	74	1,700	290	---	650	660	7,300	20	64	
MWGS-40B (R)	01/05/93	280	1.6	110	80	1,800	320	---	---	---	---	---	---	
MWGS-40B	04/01/93	310	<1.0	80	67	1,500	270	---	750	830	5,600	15	97	
MWGS-40B (R)	04/01/93	310	<1.0	100	79	2,100	370	---	390	890	5,700	14	95	
MWGS-40B	06/28/93	330	<1.0	<100	<100	2,600	<200	---	1,400	1,600	7,300	51	110	
MWGS-40B (R)	06/28/93	330	<1.0	<100	<100	2,500	<200	---	1,300	1,500	7,100	51	110	
MWGS-40B	08/05/93	230	---	130	96	2,200	320	---	1,300	1,300	5,500	46	85	
MWGS-40B	08/26/93	---	---	150	110	2,400	300	---	---	---	---	---	---	
MWGS-40B (R)	08/26/93	---	---	130	110	2,700	290	---	---	---	---	---	---	
MWGS-40B	10/12/93	480	1.7	140	110	2,800	390	---	1,700	2,000	5,500	46	110	
MWGS-40B (R)	10/12/93	410	<1.0	140	120	3,000	420	---	1,500	2,000	4,600	52	110	
MWGS-40B	01/10/94	220	1.1	<200	<200	1,900	510	---	1,100	1,200	4,400	38	94	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
MWGS-40B (R)	01/10/94	220	---	<200	<200	2,000	530	---	1,200	1,200	4,500	49	110	
MWGS-40B	01/20/94	280	---	<200	<200	2,000	600	---	---	---	---	---	---	
MWGS-40B	04/25/94	180	<1.0	<200	<200	2,300	<400	---	940	960	2,400	18	<5.0	
MWGS-40B (R)	04/25/94	170	---	240	270	2,100	530	---	880	980	2,500	19	<5.0	
MWGS-40B	07/11/94	140	1.2	63	59	1,300	190	---	1,600	810	1,400	31	<10	
MWGS-40B (R)	07/11/94	140	---	75	66	1,600	220	---	1,300	820	1,400	26	<10	
MWGS-40B	10/31/94	50	<1.0	79	72	2,600	240	---	1,000	590	190	<5.0	<10	
MWGS-40B (R)	10/31/94	54	---	<100	<100	1,000	<200	---	980	580	200	<5.0	<10	
MWGS-40B	01/30/95	58	<1.0	<100	<100	2,100	390	---	1,400	260	<2.0	<5.0	<10	
MWGS-40B (R)	01/30/95	5.2	---	<200	<200	2,200	<400	---	1,200	200	<2.0	<5.0	<10	
MWGS-40B	04/10/95	5.9	1.1	110	120	2,100	440	---	2,100	690	83	<5.0	<10	
MWGS-40B (R)	04/10/95	49	---	220	220	2,200	370	---	2,200	700	90	<5.0	<10	
MWGS-40B	07/31/95	59	<1.0	<200	<200	1,900	<600	---	1,600	500	110	<5.0	<10	
MWGS-40B (R)	07/31/95	62	---	<200	<200	1,400	<600	---	1,600	520	90	<5.0	<10	
MWGS-40B	10/25/95	---	---	---	---	---	---	---	---	370	54	<14	<10	
MWGS-41A	07/13/92	42	<1.0	<20	41	160	110	---	1,200	140	44	<5	410	
MWGS-41A (R)	07/13/92	25	1.0	<20	42	230	130	---	1,200	160	72	<5	550	
MWGS-41A	09/02/92	---	---	<20	40	47	120	110	220	32	96	<5.0	<5.0	
MWGS-41A	09/29/92	---	---	<10	44	42	89	---	---	---	---	---	---	
MWGS-41A	10/15/92	---	---	<10	78	180	200	---	---	---	---	---	---	
MWGS-41A	11/03/92	4.6	1.4	<10	28	74	77	---	680	18	39	5.6	6.7	
MWGS-41A (R)	11/03/92	6.8	1.0	<20	95	290	690	---	630	25	60	7.6	---	
MWGS-41A	11/20/92	---	---	<10	32	94	73	---	---	13	28	5.1	6.4	
MWGS-41A	01/05/93	27	1.6	<20	78	760	220	---	500	190	350	6.8	22	
MWGS-41A (R)	01/05/93	28	1.6	14	81	880	240	---	---	---	---	---	---	
MWGS-41A	04/01/93	29	<1.0	<20	75	560	180	---	320	240	56	<5.0	<5.0	
MWGS-41A (R)	04/01/93	26	<1.0	<20	100	790	260	---	---	---	---	---	---	
MWGS-41A	06/28/93	32	1.0	<100	140	2,800	320	---	450	280	41	<10	<10	
MWGS-41A	08/05/93	38	---	84	390	2,500	970	---	700	170	110	17	<4.0	

**Table 5**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-41A	10/12/93	8.0	<1.0	<40	180	330	370	---	630	17	<4.0	<4.0	<4.0	
MWGS-41A	12/13/93	---	---	<2.0	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	
MWGS-41A	01/10/94	9.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	18	59	<2.0	<2.0	
MWGS-41A	04/25/94	38	<1.0	<10	52	<10	62	---	<1.0	<1.0	<1.0	<5.0	<5.0	
MWGS-41A	07/12/94	18	<1.0	<2.0	9.3	<2.0	9.8	---	<1.0	4.2	<1.0	<5.0	<10	
MWGS-41A	10/31/94	9.2	<1.0	<2.0	13	<2.0	<4.0	---	<1.0	<1.0	<1.0	<5.0	<10	
MWGS-41A	01/30/95	32	<1.0	<2.0	7.4	<2.0	12	---	19	<2.0	<2.0	<5.0	<10	
MWGS-41A	04/10/95	2.5	<1.0	<2.0	25	<2.0	56	---	46	<2.0	<2.0	<5.0	<10	
MWGS-41A	05/11/95	17	---	<10	25	<10	48	---	<1.0	---	---	---	---	
MWGS-41A	05/24/95	19	---	<40	46	<40	<80	---	59	---	---	---	---	
MWGS-41A	06/01/95	23	---	<10	37	58	97	---	43	---	---	---	---	
MWGS-41A	06/14/95	20	---	<10	26	<10	57	---	41	---	---	---	---	
MWGS-41A	06/22/95	14	---	<10	30	<10	68	---	40	---	---	---	---	
MWGS-41A	06/28/95	23	---	<10	42	23	100	---	99	---	---	---	---	
MWGS-41A	07/31/95	25	<1.0	<2.0	41	3.7	86	---	110	<2.0	<2.0	<5.0	<10	
MWGS-41A	08/23/95	24	---	<2.0	46	4.7	96	---	68	---	---	---	---	
MWGS-41A	08/31/95	12	---	<2.0	<2.0	<2.0	<6.0	---	<1.0	<2.2	<1.7	<14	<10	
MWGS-41B	07/13/92	6.4	<1.0	<20	38	93	<40	---	310	32	<1	<5	30	
MWGS-41B (R)	07/13/92	6.6	1.1	27	37	160	71	---	340	35	16	<5	30	
MWGS-41B	09/02/92	---	---	<20	75	1,300	140	90	180	63	3.3	<5.0	<5.0	
MWGS-41B	09/29/92	---	---	<50	120	2,000	770	---	---	---	---	---	---	
MWGS-41B	10/15/92	---	---	<50	130	1,500	310	---	---	---	---	---	---	
MWGS-41B	11/03/92	33	1.7	<50	78	1,700	290	---	910	200	320	19	25	
MWGS-41B (R)	11/03/92	35	1.4	<100	130	2,600	380	---	1,000	260	350	18	41	
MWGS-41B	11/20/92	---	---	<100	<100	1,500	250	---	---	170	19	10	<5.0	
MWGS-41B	01/05/93	8.1	2.0	<50	110	1,100	250	---	550	120	10	<5.0	<5.0	
MWGS-41B (R)	01/05/93	7.4	1.9	<50	110	1,100	250	---	---	---	---	---	---	
MWGS-41B	04/01/93	5.9	1.2	<50	76	840	240	---	310	36	<1.0	<5.0	<5.0	
MWGS-41B (R)	04/01/93	<10	<1.0	<50	76	930	170	---	---	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-41B	06/28/93	2.7	1.2	<50	52	760	<100	---	49	15	<4.0	<10	<10	
MWGS-41B	08/05/93	4.2	---	<40	73	170	<80	---	110	14	<4.0	<4.0	<4.0	
MWGS-41B	10/12/93	7.9	1.4	<40	110	720	<80	---	550	47	<4.0	<4.0	<4.0	
MWGS-41B	01/10/94	9.0	2.4	<50	170	1,000	410	---	870	37	<2	<2.0	<2.0	
MWGS-41B	04/25/94	30	1.9	<500	<500	2,000	<1,000	---	830	210	38	<5.0	<5.0	
MWGS-41B	07/12/94	30	2.0	32	160	2,500	410	---	830	220	170	5.8	<10	
MWGS-41B	10/31/94	6.3	1.3	<40	220	230	530	---	---	<1.0	<1.0	<5.0	<10	
MWGS-41B	01/30/95	17	1.9	820	790	810	3,200	---	590	56	<2.0	<5.0	<10	
MWGS-41B	04/10/95	21	2.3	200	330	3,800	610	---	710	270	<2.0	<5.0	<10	
MWGS-41B	05/11/95	29	---	<500	<500	2,700	<1,000	---	920	---	---	---	---	
MWGS-41B	05/24/95	32	---	<200	240	2,900	<400	---	1,200	---	---	---	---	
MWGS-41B	06/01/95	55	---	<800	<800	2,200	<1,600	---	1,200	---	---	---	---	
MWGS-41B	06/14/95	37	---	<200	<200	2,200	<400	---	1,600	---	---	---	---	
MWGS-41B	06/22/95	35	---	<100	<100	2,200	230	---	1,800	---	---	---	---	
MWGS-41B (R)	06/22/95	38	---	<100	<100	2,300	<200	---	1,500	---	---	---	---	
MWGS-41B	06/28/95	41	---	<100	<100	2,600	250	---	2,100	---	---	---	---	
MWGS-41B	07/31/95	27	2.3	<500	<500	2,300	<1,500	---	680	200	3.7	<5.0	<10	
MWGS-41B	08/16/95	27	---	<100	150	2,200	350	---	760	---	---	---	---	
MWGS-41B (R)	08/16/95	34	---	<100	190	2,600	420	---	910	---	---	---	---	
MWGS-41B	08/23/95	22	---	<20	150	1,500	340	---	660	180	<1.7	<14	<10	
MWGS-41B (R)	08/23/95	23	---	<20	110	1,600	250	---	840	170	1.1	<14	<10	
MWGS-41B	08/31/95	22	---	<50	140	1,200	270	---	390	130	2.0	<14	<10	
MWGS-41B (R)	08/31/95	21	---	<50	130	1,200	270	---	410	120	2.0	<14	<10	
MWGS-41B	09/07/95	23	---	<50	130	890	250	---	800	120	6.0	<14	<10	
MWGS-41B (R)	09/07/95	---	---	<50	120	790	240	---	790	120	6.5	<14	<10	
MWGS-41B	09/13/95	27	---	<50	150	1,600	310	---	620	99	13	<14	<10	
MWGS-41B (R)	09/13/95	29	---	63	180	1,800	380	---	600	100	20	<14	<10	
MWGS-41B	09/20/95	26	---	<50	130	1,100	250	---	740	82	5.0	<14	<10	
MWGS-41B (R)	09/20/95	26	---	<50	160	1,400	310	---	710	80	9.2	14	<10	
MWGS-41B	09/27/95	28	---	<50	170	1,100	320	---	570	75	<1.7	<14	<10	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate I)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
MWGS-4IB (R)	09/27/95	32	---	<50	150	950	280	---	670	75	2.9	<14	<10	
MWGS-4IB	10/26/95	---	---	61	180	1,300	330	---	500	---	---	---	---	
MWGS-4IB	12/05/95	23	---	<50	150	420	230	---	---	---	---	---	---	
MWGS-4IB (R)	12/05/95	---	---	<50	140	390	210	---	---	---	---	---	---	
MWGS-4IB	01/29/96	---	---	---	---	---	---	---	730	---	---	---	---	
PW-01A	11/05/92	---	---	<20	25	<20	160	---	---	---	---	---	---	
PW-01A	01/07/93	---	---	<20	<20	<20	4.7	---	---	---	---	---	---	
PW-01A	04/05/93	---	---	<20	<20	<20	<4.0	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
PW-01A	06/29/93	---	---	<20	<20	<20	<4.0	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
PW-01A	10/14/93	---	---	<20	<20	<20	<4.0	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
PW-01A	01/12/94	---	---	<20	<20	<20	<4.0	---	---	---	---	---	---	Equipment blank collected; benzene = 9.1 µg/L, toluene = 2.1 µg/L, ethylbenzene = 2.5 µg/L, and total xylenes = 7.3 µg/L.
PW-01A	04/26/94	---	---	<20	<20	<20	<4.0	---	---	---	---	---	---	BTEX samples collected with peristaltic pump; BTEX concentrations < MDL.
PW-01B	01/07/93	---	---	<20	<20	<20	4.5	---	---	---	---	---	---	
PW-02	12/14/90	3.0	3.0	80	210	520	1,000	96	<1	---	---	---	---	
PW-02	06/27/91	5.0	4.0	130	450	930	1,900	---	---	170	25	<4	<8	Samples collected with peristaltic pump; samples degassing.
PW-02	10/11/91	<2.0	7.3	22	360	210	1,900	---	---	<4	.9	1.1	<8	
PW-02	01/17/92	<1.0	3.2	30	240	210	1,200	---	420	---	<6.0	<6.0	<10	
PW-02	04/02/92	2.0	5.3	29	170	150	790	---	130	<1	<1	<1.0	<5.0	
PW-02	05/15/92	---	---	<100	320	240	1,300	---	---	---	---	---	---	
PW-02	07/08/92	3.5	8.9	20	59	310	3,600	96	230	3.1	15	<5	<5.0	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
PW-02	11/05/92	4.0	6.7	39	490	630	3,500	98	330	1.1	1.5	<5.0	<5.0	BTEX samples collected with 1-inch bailer.
PW-02	01/07/93	3.4	8.2	130	670	650	2,000	150	280	---	---	---	---	
PW-02	04/06/93	6.6	6.5	130	450	1,500	2,200	180	510	---	---	---	---	
PW-02 (R)	04/06/93	---	---	---	---	---	---	170	---	---	---	---	---	
PW-02	06/29/93	11	1.5	<100	330	880	2,000	150	500	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
PW-02	10/14/93	6.8	---	310	420	2,100	2,000	<10	660	---	---	---	---	
PW-02	01/12/94	5.3	44	<100	430	1,500	2,300	110	200	<2	17	<2.0	<2.0	Equipment blank collected; benzene, toluene, and total xylene concentrations < MDL; ethylbenzene = 2.1 µg/L.
PW-02	04/26/94	5.4	5.7	200	240	770	910	---	380	---	---	---	---	
PW-02	07/13/94	5.2	4.2	46	86	230	390	<40	340	---	---	---	---	
PW-02	11/01/94	6.7	8.0	74	320	400	2,600	96	---	---	---	---	---	
PW-02	01/31/95	8.8	7.2	<200	440	380	2,600	<200	460	---	---	---	---	
PW-02	04/11/95	4.8	6.4	<20	140	190	1,300	270	380	<2.0	<2.0	<5.0	<10	
PW-02	08/01/95	7.1	22	<20	170	75	850	240	160	<2.0	<2.0	<5.0	<10	
PW-04	06/11/92	10	<1.0	<2.0	<2.0	3.0	<4.0	---	---	---	---	---	---	
PW-05	11/05/92	---	---	<2.0	<2.0	<2.0	4.9	---	---	---	---	---	---	
PW-05	01/07/93	---	---	<2.0	<2.0	<2.0	4.5	---	---	---	---	---	---	
PW-05	04/06/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
PW-05	08/24/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
SW-01	12/17/90	5.0	<1.0	<2.0	<2.0	4.0	30	---	680	---	---	---	---	
SW-01	07/02/91	6.0	<1.0	<2.0	3.6	12	21	---	---	7.6	1.1	<4	14	
SW-01	01/21/92	3.0	<1.0	<2.0	3.8	3.5	36	---	71	---	<6.0	<6.0	32	
SW-01 (R)	01/21/92	3.0	<1.0	<2.0	3.7	4.2	24	---	71	---	<6.0	<6.0	<10	



**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
SW-01	04/02/92	4.0	<1.0	<2.0	9.6	7.2	25	<10	37	<0.1	<0.1	<1.0	<5.0	
SW-01 (R)	04/02/92	4.0	<1.0	<2.0	8.8	7.0	23	<10	37	<.1	<.1	<1.0	<5.0	
SW-01	07/07/92	---	<1.0	2.7	4.3	5.3	13	---	11	18	<.1	<.5	18	
SW-01	11/02/92	---	1.4	<2.0	3.8	5.3	11	---	---	---	---	---	---	
SW-01	01/11/93	---	<1.0	<2.0	3.5	10	11	---	---	---	---	---	---	
SW-01	04/07/93	---	<1.0	<2.0	4.7	9.7	16	---	---	---	---	---	---	
SW-01	07/01/93	---	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
SW-01	10/15/93	---	<1.0	<2.0	<2.0	<2.0	8.7	---	---	---	---	---	---	
SW-01	01/13/94	---	<1.0	2.2	<2.0	<2.0	12	---	---	---	---	---	---	
SW-01	04/28/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-01	07/15/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-01	11/01/94	---	<1.0	<2.0	3.6	<2.0	24	---	---	---	---	---	---	
SW-01	01/31/95	---	<1.0	<100	<100	<100	<200	---	---	---	---	---	---	
SW-01	04/11/95	---	<1.0	3.6	4.4	4.5	11	---	---	---	---	---	---	
SW-01	08/01/95	---	10	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-02	12/17/90	8.0	<1.0	7.0	8.0	3.0	73	---	4,700	---	---	---	---	
SW-02	07/02/91	12	<1.0	<2.0	3.1	32	5.5	---	---	5.6	2.9	<.4	<8	
SW-02	01/21/92	5.0	<1.0	5.2	5.0	3.0	45	---	700	---	<6.0	<6.0	<10	
SW-02	04/02/92	6.0	<1.0	7.6	6.1	7.5	51	---	270	<.1	<.1	<1.0	<5.0	
SW-02	07/07/92	---	<1.0	6.9	4.3	6.7	46	---	290	4.5	<.1	<.5	<5.0	
SW-02	11/02/92	---	2.6	5.8	7.6	3.1	68	---	---	---	---	---	---	
SW-02	01/11/93	---	<1.0	4.0	4.0	<2.0	36	---	---	---	---	---	---	
SW-02	04/07/93	---	<1.0	3.3	4.2	3.6	33	---	---	---	---	---	---	
SW-02	07/01/93	---	<1.0	3.7	2.7	2.6	19	---	---	---	---	---	---	
SW-02	10/15/93	---	<1.0	6.7	<2.0	<2.0	43	---	---	---	---	---	---	
SW-02	01/13/94	---	<1.0	3.0	<2.0	3.1	6.9	---	---	---	---	---	---	
SW-02	04/28/94	---	<1.0	<2.0	<2.0	<2.0	28	---	---	---	---	---	---	
SW-02	07/15/94	---	<1.0	<2.0	<2.0	<2.0	7.5	---	---	---	---	---	---	
SW-02	11/01/94	---	<1.0	<2.0	<2.0	<2.0	9.6	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
SW-02	01/31/95	---	1.4	<5.0	<5.0	<5.0	<100	---	---	---	---	---	---	
SW-02	04/11/95	---	<1.0	5.0	4.0	3.4	17	---	---	---	---	---	---	
SW-02	08/01/95	---	7.7	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-03	12/17/90	55	<1.0	3.0	4.0	<2.0	23	---	300	---	---	---	---	Air introduced during sampling.
SW-03	07/02/91	5.0	<1.0	4.6	4.1	4.3	50	---	---	9.0	3.7	<0.4	<0.8	
SW-03	01/21/92	7.0	<1.0	<2.0	<2.0	2.1	5.8	---	130	---	<6.0	<6.0	<10	
SW-03	04/02/92	5.0	<1.0	<2.0	<2.0	5.8	5.3	---	66	2.5	.9	<1.0	<5.0	
SW-03	07/07/92	---	<1.0	2.7	<2.0	5.4	8.2	---	68	<1	<1	<5	<5.0	
SW-03	11/02/92	---	2.2	2.7	<2.0	<2.0	9.6	---	---	---	---	---	---	
SW-03	01/11/93	---	<1.0	30	2.0	<2.0	22	---	---	---	---	---	---	
SW-03	04/07/93	---	<1.0	<2.0	<2.0	<2.0	7.4	---	---	---	---	---	---	
SW-03	07/01/93	---	<1.0	86	3.7	3.3	60	---	---	---	---	---	---	
SW-03	10/15/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-03	01/13/94	---	1.5	130	<10	<10	110	---	---	---	---	---	---	
SW-03	04/28/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-03	07/15/94	---	<1.0	10	<2.0	2.2	14	---	---	---	---	---	---	
SW-03	11/01/94	---	<1.0	3.8	<2.0	<2.0	14	---	---	---	---	---	---	
SW-03	01/31/95	---	1.3	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-03	04/11/95	---	<1.0	3.7	3.5	3.2	6.2	---	---	---	---	---	---	
SW-03	08/01/95	---	10	29	<2.0	<2.0	28	---	---	---	---	---	---	
SW-04	12/17/90	5.0	<1.0	14	<2.0	<2.0	16	---	1,200	---	---	---	---	
SW-04	07/02/91	10	<1.0	5.0	<2.0	2.0	8.4	---	---	2.0	.6	<4	<8	
SW-04	01/21/92	4.0	<1.0	8.6	<2.0	<2.0	11	---	120	---	<6.0	<6.0	<10	
SW-04	04/02/92	5.0	<1.0	6.8	<2.0	5.1	9.5	---	90	6.2	<1	<1.0	<5.0	
SW-04	07/07/92	---	1.7	9.7	2.0	4.6	11	---	36	<1	<1	<5	<5.0	
SW-04	11/02/92	---	2.2	7.7	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-04	01/11/93	---	<1.0	8.0	<2.0	<2.0	10	---	---	---	---	---	---	
SW-04	04/07/93	---	<1.0	17	2.2	<2.0	13	---	---	---	---	---	---	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
SW-04	07/01/93	---	<1.0	13	<2.0	<2.0	8.1	---	---	---	---	---	---	
SW-04	10/15/93	---	<1.0	13	<2.0	<2.0	6.5	---	---	---	---	---	---	
SW-04	01/13/94	---	<1.0	22	<2.0	<2.0	7.7	---	---	---	---	---	---	
SW-04	04/28/94	---	<1.0	6.4	<2.0	<2.0	5.2	---	---	---	---	---	---	
SW-04	07/15/94	---	1.2	4.1	<2.0	<2.0	8.4	---	---	---	---	---	---	
SW-04	11/01/94	---	<1.0	<2.0	<2.0	<2.0	7.0	---	---	---	---	---	---	
SW-04	01/31/95	---	<1.0	7.2	<2.0	<2.0	18	---	---	---	---	---	---	
SW-04	04/11/95	---	<1.0	6.1	3.5	3.0	<4.0	---	---	---	---	---	---	
SW-04	08/01/95	---	13	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-05	12/17/90	4.0	<1.0	3.0	<2.0	<2.0	7.0	---	350	---	---	---	---	
SW-05	07/02/91	7.0	<1.0	2.2	<2.0	2.6	<4.0	---	---	1.5	0.9	<0.4	<0.8	
SW-05	01/21/92	4.0	<1.0	<2.0	<2.0	<2.0	6.7	---	60	---	<6.0	<6.0	<10	
SW-05	04/02/92	4.0	<1.0	2.7	<2.0	<2.0	4.8	---	19	<1	<1	<1.0	<5.0	
SW-05	07/07/92	---	<1.0	2.5	<2.0	<2.0	7.0	---	9.2	<1	<1	<5	<5.0	
SW-05	11/02/92	---	1.8	<2.0	<2.0	2.4	<4.0	---	---	---	---	---	---	
SW-05	01/11/93	---	<1.0	2.9	<2.0	<2.0	4.6	---	---	---	---	---	---	
SW-05	04/07/93	---	<1.0	7.5	<2.0	<2.0	5.2	---	---	---	---	---	---	
SW-05	07/01/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	10/15/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	01/13/94	---	<1.0	3.3	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	04/28/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	07/15/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	11/01/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	01/31/95	---	<1.0	4.2	<2.0	<2.0	4.2	---	---	---	---	---	---	
SW-05	04/11/95	---	<1.0	3.6	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-05	08/01/95	---	2.5	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-06	07/02/91	6.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	5.7	4.6	<4	<8	
SW-06	01/21/92	3.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	65	---	<6.0	<6.0	<10	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
SW-06	04/02/92	28	<1.0	<2.0	<2.0	<2.0	<4.0	---	6.3	<0.1	<0.1	<1.0	<5.0	
SW-06	07/07/92	---	<1.0	2.5	<2.0	2.3	6.8	---	8.5	<.1	<.1	<.5	<5.0	
SW-06	11/02/92	---	1.7	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	01/11/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	04/07/93	---	<1.0	4.7	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	07/01/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	10/15/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	01/13/94	---	<1.0	280	250	280	910	---	---	---	---	---	---	
SW-06	04/28/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	07/15/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	11/01/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	01/31/95	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-06	04/11/95	---	<1.0	3.5	3.4	2.9	<4.0	---	---	---	---	---	---	
SW-06	08/01/95	---	<1.0	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-07	07/02/91	11	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	1.4	<.4	<.4	<.8	
SW-07	01/21/92	5.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	80	---	---	---	---	
SW-07	04/02/92	7.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	14	8.6	<.1	<1.0	<5.0	
SW-07	07/07/92	---	<1.0	2.4	<2.0	3.0	6.9	---	27	<.1	<.1	<.5	<5.0	
SW-07	11/02/92	---	2.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	01/11/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	04/07/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	07/01/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	10/15/93	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	01/13/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	04/28/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	07/15/94	---	1.4	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	11/01/94	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	01/31/95	---	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-07	04/11/95	---	<1.0	<2.0	<2.0	3.0	<4.0	---	---	---	---	---	---	

**Table 5.**--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
SW-08	01/21/92	---	---	4.4	2.4	2.3	<4.0	---	---	---	---	---	---	
SW-08	04/07/92	---	---	2.8	2.7	5.0	9.6	---	---	---	---	---	---	
SW-08	07/10/92	---	---	2.7	<2.0	5.4	13	---	---	---	---	---	---	
SW-08	11/02/92	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	01/06/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	04/02/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	06/30/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	10/13/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	01/11/94	---	---	3.3	2.6	<2.0	7.4	---	---	---	---	---	---	
SW-08	04/26/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	07/12/94	---	---	2.8	2.3	2.0	5.1	---	---	---	---	---	---	
SW-08	11/02/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	02/01/95	---	---	<2.0	<2.0	<2.0	7.0	---	---	---	---	---	---	
SW-08	04/12/95	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-08	08/02/95	---	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-09	01/21/92	---	---	110	20	<10	190	---	---	---	---	---	---	
SW-09	04/09/92	---	---	88	32	<10	350	---	---	---	---	---	---	
SW-09	07/07/92	---	---	100	11	3.4	260	---	---	---	---	---	---	
SW-09	11/02/92	---	---	26	34	21	290	---	---	---	---	---	---	
SW-09	01/11/93	---	---	17	14	5.8	98	---	---	---	---	---	---	
SW-09	04/07/93	---	---	31	25	12	160	---	---	---	---	---	---	
SW-09	01/13/94	---	---	62	35	7.6	210	---	---	---	---	---	---	
SW-09	07/15/94	---	---	76	<7.5	<7.5	350	---	---	---	---	---	---	
SW-09	11/01/94	---	---	<2.0	<2.0	<2.0	20	---	---	---	---	---	---	
SW-09	01/31/95	---	---	<10	<10	<10	110	---	---	---	---	---	---	
SW-09	04/11/95	---	---	4.2	4.7	3.5	15	---	---	---	---	---	---	
SW-10	04/07/92	---	---	<2.0	<2.0	4.6	<4.0	---	---	---	---	---	---	
SW-10	07/10/92	---	---	2.1	<2.0	<2.0	<4.0	---	---	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
SW-10	11/02/92	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	01/06/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	04/02/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	06/30/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	10/13/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	01/11/94	---	---	<2.0	<2.0	<2.0	4.8	---	---	---	---	---	---	---
SW-10	04/26/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	07/12/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	11/02/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	02/01/95	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	04/12/95	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
SW-10	08/02/95	---	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	---
SW-11	06/11/92	---	---	<2.0	<2.0	2.2	<4.0	---	---	---	---	---	---	---
SW-12	07/07/92	---	---	7.6	20	16	52	---	230	<0.1	<0.1	<0.5	<5.0	---
SW-12	11/02/92	---	---	4.2	28	22	68	---	---	---	---	---	---	---
SW-12	01/11/93	---	---	3.4	10	21	33	---	---	---	---	---	---	---
SW-12	04/07/93	---	---	2.4	4.8	5.3	19	---	---	---	---	---	---	---
SW-12	07/01/93	---	---	4.7	8.8	<2.0	17	---	---	---	---	---	---	---
SW-12	10/15/93	---	---	<2.0	9.0	<2.0	42	---	---	---	---	---	---	---
SW-12	01/13/94	---	---	<2.0	4.7	<2.0	33	---	---	---	---	---	---	---
SW-12	04/28/94	---	---	<2.0	<2.0	<2.0	18	---	---	---	---	---	---	---
SW-12	07/15/94	---	---	<2.0	4.1	<2.0	23	---	---	---	---	---	---	---
SW-12	11/01/94	---	---	<2.0	7.0	<2.0	24	---	---	---	---	---	---	---
SW-12	01/31/95	---	---	<2.0	6.9	<2.0	49	---	---	---	---	---	---	---
SW-12	04/11/95	---	---	<2.0	5.4	3.3	18	---	---	---	---	---	---	---
SW-12	08/01/95	---	---	<2.0	<2.0	<2.0	8.5	---	---	---	---	---	---	---
SW-13	11/02/92	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEx, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
SW-13	01/06/93	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-13	04/02/93	---	---	2.1	2.4	2.8	6.2	---	---	---	---	---	---	
SW-13	07/01/93	---	---	2.7	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-13	10/15/93	---	---	17	8.9	<2.0	7.4	---	---	---	---	---	---	
SW-13	01/13/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-13	04/28/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-13	07/15/94	---	---	<2.0	4.0	<2.0	8.2	---	---	---	---	---	---	
SW-13	11/01/94	---	---	<2.0	<2.0	<2.0	18	---	---	---	---	---	---	
SW-13	02/01/95	---	---	6.0	13	5.1	40	---	---	---	---	---	---	
SW-13	04/12/95	---	---	<2.0	2.5	<2.0	4.6	---	---	---	---	---	---	
SW-13	08/02/95	---	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
SW-14	11/02/92	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-14	01/06/93	---	---	<2.0	<2.0	2.5	5.7	---	---	---	---	---	---	
SW-14	04/02/93	---	---	<2.0	2.0	2.9	5.4	---	---	---	---	---	---	
SW-14	07/01/93	---	---	3.1	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-14	10/15/93	---	---	20	9.7	<2.0	7.9	---	---	---	---	---	---	
SW-14	01/13/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-14	04/28/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-14	07/15/94	---	---	<2.0	9.5	<2.0	5.0	---	---	---	---	---	---	
SW-14	11/01/94	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
SW-14	02/01/95	---	---	4.2	7.3	3.9	23	---	---	---	---	---	---	
SW-14	04/12/95	---	---	<2.0	2.3	<2.0	4.0	---	---	---	---	---	---	
SW-14	08/02/95	---	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
W-001	12/12/90	4.0	<1.0	<100	<100	<100	760	---	4,400	---	---	---	---	
W-001	06/25/91	5.0	<1.0	6.0	11	16	150	---	---	<0.4	0.6	<0.4	<0.8	
W-001	01/16/92	2.0	21	<2.0	6.7	7.1	48	---	210	---	<6.0	<6.0	<10	
W-001	04/01/92	3.0	<1.0	7.6	6.1	7.5	51	---	220	<1	<1	<1.0	<5.0	
W-001	07/07/92	5.0	1.4	7.5	9.7	14	87	---	270	3.0	4.4	<5	<5.0	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butyrate (µM)	Remarks
W-001	11/05/92	7.2	2.6	43	140	22	1,200	---	250	20	33	8.2	14	Equipment blank collected; BTEX concentrations < MDL.
W-001	01/07/93	4.2	1.6	30	88	<20	760	---	---	---	---	---	---	
W-001	04/06/93	3.6	<1.0	24	79	32	590	---	---	---	---	---	---	
W-001	06/29/93	2.7	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
W-001	10/14/93	6.5	<1.0	9.1	10	<2.0	39	---	---	---	---	---	---	
W-001	01/12/94	3.3	<1.0	<2.0	6.5	<2.0	<4.0	---	---	---	---	---	---	
W-001	04/26/94	5.8	1.2	7.6	7.1	3.8	34	---	---	---	---	---	---	
W-001	07/13/94	4.0	<1.0	2.8	2.3	<2.0	20	---	---	---	---	---	---	
W-001	11/01/94	12	1.4	<10	<10	<10	120	---	---	---	---	---	---	
W-001	01/31/95	7.9	<1.0	<100	<100	<100	330	---	---	---	---	---	---	
W-001	04/11/95	3.0	<1.0	5.1	3.8	<2.0	5.5	---	---	---	---	---	---	
W-001	08/01/95	6.2	11	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	
W-003	06/25/91	---	---	---	---	---	---	---	---	<4	2.8	<4	<8	Samples degassing.
W-003	01/17/92	2.0	<1.0	<2.0	3.2	11	<4.0	---	60	---	<6.0	<6.0	<10	
W-003	04/03/92	2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	4.6	<1	<1	<1.0	<5.0	
W-003	07/08/92	1.9	<1.0	2.7	<2.0	12	8.8	---	7.6	<1	<1	<5	<5.0	
W-003	11/06/92	2.6	<1.0	8.8	<2.0	14	<4.0	---	36	1.1	1.1	<5.0	<5.0	
W-003	01/08/93	2.1	<1.0	<2.0	<2.0	7.6	<4.0	---	---	---	---	---	---	
W-003	04/06/93	1.2	<1.0	<2.0	<2.0	3.5	<4.0	---	---	---	---	---	---	
W-003	06/29/93	2.0	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
W-003	10/14/93	5.2	---	14	<2.0	<2.0	<4.0	---	---	---	---	---	---	Equipment blank collected; BTEX concentrations < MDL.
W-003	01/12/94	2.6	---	16	28	<2.0	<4.0	---	---	---	---	---	---	
W-003	04/28/94	4.3	---	3.1	<2.0	<2.0	<4.0	---	---	---	---	---	---	
W-003	07/13/94	4.6	---	3.5	2.5	<2.0	<4.0	---	---	---	---	---	---	
W-003	11/01/94	4.7	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
W-003	01/31/95	3.2	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
W-003	04/11/95	2.0	---	<2.0	3.7	3.0	<4.0	---	---	---	---	---	---	
W-003	09/01/95	5.7	---	<2.0	<2.0	<2.0	<6.0	---	---	---	---	---	---	



**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
W-103	12/13/90	5.0	<1.0	34	50	140	210	---	2,000	---	---	---	---	---
W-103	05/14/92	2.0	<1.0	21	13	28	49	---	---	---	---	---	---	Sheen on water surface.
W-103	07/16/92	2.0	1.5	4.4	14	15	41	---	25	11	6.4	<0.5	<5.0	
W-105	12/13/90	3.0	<1.0	<2.0	<2.0	8.0	<4.0	---	3,600	---	---	---	---	
W-105	06/24/91	4.0	<1.0	<5.0	<10	15	<20	---	---	4.3	3.7	<4	<8	
W-105	01/15/92	2.0	95	<2.0	<2.0	15	<4.0	---	400	---	<6.0	<6.0	<10	
W-105	04/07/92	3.0	1.6	<2.0	<2.0	<2.0	<4.0	---	210	<1	<1	<1.0	<5.0	
W-105	06/10/92	2.0	1.6	<2.0	29	<2.0	<4.0	---	160	<5	<5	<5	<5.0	
W-105	07/15/92	2.0	1.5	3.3	34	51	11	---	170	<1	<1	<5	5.9	
W-105	09/30/92	---	---	200	44	43	180	---	---	---	---	---	---	
W-105	11/06/92	2.9	1.7	<2.0	<2.0	5.5	<4.0	---	260	<1.0	<1.0	<5.0	<5.0	
W-105	01/06/93	1.4	1.5	<2.0	<2.0	43	4.6	---	---	---	---	---	---	
W-105	04/02/93	1.8	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
W-105	05/13/93	1.4	<1.0	<20	<20	26	<40	---	---	---	---	---	---	
W-105	05/20/93	2.1	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
W-105 (R)	05/20/93	1.8	<1.0	<10	<10	<10	<20	---	---	---	---	---	---	
W-105	05/27/93	1.6	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
W-105 (R)	05/27/93	2.0	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
W-105	06/03/93	2.1	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
W-105 (R)	06/03/93	<1.0	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
W-105	06/08/93	2.4	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
W-105 (R)	06/08/93	2.2	<1.0	<20	<20	<20	<40	---	---	---	---	---	---	
W-105	06/24/93	4.1	<1.0	<50	<50	<50	<100	---	---	---	---	---	---	
W-105 (R)	06/24/93	4.0	<1.0	<50	<50	<50	<100	---	---	---	---	---	---	
W-105	06/30/93	2.9	<1.0	<40	<40	<40	<80	---	---	---	---	---	---	
W-105	08/04/93	6.1	---	---	---	---	---	---	---	---	---	---	---	
W-105	09/14/93	2.4	---	---	---	---	---	---	---	---	---	---	---	
W-105	10/13/93	4.1	1.1	19	27	<2.0	<4.0	---	---	---	---	---	---	
W-105	01/11/94	3.2	2.1	<10	<10	<10	180	---	---	---	---	---	---	

**Table 5.--Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphthalene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Propionate (µM)	Iso-butylate (µM)	Remarks
W-105	04/26/94	2.8	2.2	85	72	<10	32	---	---	---	---	---	---	
W-105	07/14/94	3.8	2.4	47	51	<2.0	12	---	---	---	---	---	---	
W-105	11/02/94	4.2	2.7	<10	60	<10	<20	---	---	---	---	---	---	
W-105	02/01/95	4.2	1.7	<2.0	14	<2.0	<4.0	---	---	---	---	---	---	
W-105	04/12/95	4.6	1.1	3.8	3.9	<2.0	<4.0	---	---	---	---	---	---	
W-105	08/02/95	9.5	1.5	<2.0	5.5	<2.0	<6.0	---	---	---	---	---	---	
W-107	07/01/91	85	<1.0	200	<100	160	<200	---	---	8.7	1,100	26	250	
W-107	01/15/92	62	37	12	63	<10	120	---	1,500	---	320	6.6	200	
W-107	04/09/92	35	<1.0	18	110	1,900	210	---	470	420	81	5.3	<5.0	
W-107	07/15/92	19	1.2	25	93	870	220	---	690	160	<1	<5	120	
W-108	12/13/90	330	1.0	<100	130	1,300	410	---	13,000	---	---	---	---	
W-108	07/01/91	80	<1.0	<100	200	1,500	260	---	---	26	1,300	25	230	
W-108	01/15/92	14	15	12	110	<10	230	---	1,100	---	93	<6.0	99	
W-108	04/09/92	12	1.2	13	100	900	150	---	310	100	12	<1.0	<5.0	
W-108	07/15/92	8.8	2.2	29	130	360	360	---	420	18	<1	<5	27	
WT-06	07/08/91	3.0	<1.0	<2.0	<2.0	2.2	<4.0	---	---	<4	<4	<4	<8	Bubbles in peristaltic-pump tubing.
WT-06	04/03/92	1.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	2.9	<1	<1	<1.0	<5.0	
WT-06	06/29/93	1.4	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	
WT-06	04/27/94	2.3	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	
WT-06	04/11/95	2.0	<1.0	<2.0	<2.0	3.3	<4.0	---	<1.0	---	---	---	---	
WT-06	08/01/95	3.9	1.4	<2.0	<2.0	<2.0	<6.0	---	<1.0	---	---	---	---	
WT-07	07/08/91	4.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	<4	<4	<4	<8	Bubbles in peristaltic-pump tubing.
WT-07	01/21/92	<2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	7.5	---	<6.0	<6.0	<10	
WT-07	04/03/92	2.0	<1.0	<2.0	<2.0	<2.0	<4.0	---	1.9	2.5	1.8	<1.0	<5.0	
WT-07	07/10/92	2.9	<1.0	2.3	<2.0	2.9	<4.0	---	<6.8	<1	<1	<5	<5.0	
WT-07	11/06/92	3.2	<1.0	<2.0	<2.0	<2.0	<4.0	---	18	<1.0	<1.0	<5.0	<5.0	

**Table 5.**—Organic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[mg/L, milligrams per liter; µg/L, micrograms per liter; µM, micromolar = micromoles per liter; ---, not analyzed; <, less than (number indicates minimum detection limit); (R), indicates replicate sample; BTEX, benzene, toluene, ethylbenzene, and xylene; MDL, minimum detection limit]

Site identification (plate 1)	Date	Total organic carbon (mg/L)	Total petroleum hydrocarbons (mg/L)	Benzene (µg/L)	Ethyl- benzene (µg/L)	Toluene (µg/L)	Xylenes, total (µg/L)	Naphtha- lene (µg/L)	Methane (µM)	Formate (µM)	Acetate (µM)	Prop- ionate (µM)	Iso- butyrate (µM)	Remarks
WT-07	01/08/93	1.6	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
WT-07	04/06/93	3.6	<1.0	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
WT-07	10/14/93	2.8	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---
WT-07	01/12/94	4.9	<1.0	<2.0	<2.0	<2.0	<4.0	---	<1.0	---	---	---	---	---
WT-07	07/13/94	8.9	<1.0	<2.0	<2.0	3.1	<4.0	---	<1.0	---	---	---	---	---
WT-07	11/01/94	12	<1.0	<2.0	<2.0	16	<4.0	---	---	---	---	---	---	---
WT-07	01/31/95	76	<1.0	<2.0	<2.0	2.1	<4.0	---	49	---	---	---	---	---
WT-07	04/12/95	---	---	<2.0	<2.0	<2.0	<4.0	---	---	---	---	---	---	---

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
DW-1	02/28/94	<.02	8.0	8.5	24	410	1.3	330	<.01	<.02	<.02	110	480	440	---	---	
DW-1	06/22/95	<.02	13	10	22	430	1.0	380	<.01	<.02	<.02	120	550	490	---	---	
EW-01	06/27/91	.90	17	2.2	.83	5.9	.14	4.2	<.02	<.06	<.02	12	160	300	---	---	
EW-01	06/09/92	---	---	---	---	---	<.04	2.5	<.03	<.05	<.05	6.9	77	130	---	---	
EW-01	07/08/92	.48	10	1.9	.82	3.4	.04	3.0	.01	<.05	<.01	7.2	88	120	<5.0	---	
EW-01	08/12/92	---	---	---	---	---	.26	---	.10	<.05	<.01	---	53	140	---	---	
EW-01	09/03/92	---	---	---	---	---	.14	3.6	.09	<.05	<.02	8.8	110	150	---	---	
EW-01	10/06/92	---	---	---	---	---	<.02	---	.91	<.05	<.02	---	75	95	---	---	
EW-01	11/02/92	.61	16	2.3	.88	3.6	.02	2.8	.05	<.05	<.01	7.5	83	130	---	---	
EW-01	12/18/92	---	---	---	---	---	---	---	---	---	---	---	99	140	---	---	
EW-01	01/08/93	---	---	---	---	---	---	---	---	---	---	---	64	130	---	---	
EW-01	02/17/93	---	---	---	---	---	---	---	---	---	---	---	52	110	---	---	
EW-01	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	120	---	---	
EW-01	04/07/93	---	---	---	---	---	---	---	---	---	---	---	78	150	---	---	
EW-01	05/13/93	---	---	---	---	---	---	---	---	---	---	---	74	120	---	---	
EW-01	07/01/93	---	---	---	---	---	---	---	---	---	---	---	76	130	---	---	
EW-01	08/04/93	---	---	---	---	---	---	---	---	---	---	---	60	100	---	---	
EW-01	09/14/93	---	---	---	---	---	---	---	---	---	---	---	74	130	---	---	
EW-01	10/15/93	---	---	---	---	---	---	---	---	---	---	---	75	120	---	---	
EW-01	11/18/93	---	---	---	---	---	---	---	---	---	---	---	60	110	---	---	
EW-01	12/13/93	---	---	---	---	---	---	---	---	---	---	---	42	120	---	---	
EW-01	01/13/94	---	---	---	---	---	---	---	---	---	---	---	57	96	---	---	
EW-01	02/03/94	---	---	---	---	---	---	---	---	---	---	---	42	100	---	---	
EW-01	03/03/94	---	---	---	---	---	---	---	---	---	---	---	60	130	---	---	
EW-01	04/27/94	---	---	---	---	---	---	---	---	---	---	---	74	91	---	---	
EW-01	05/23/94	---	---	---	---	---	---	---	---	---	---	---	46	110	---	---	
EW-01	06/22/94	---	---	---	---	---	---	---	---	---	---	---	85	120	---	---	
EW-01	07/15/94	---	---	---	---	---	---	---	---	---	---	---	65	95	---	---	
EW-01	08/23/94	---	---	---	---	---	---	---	---	---	---	---	41	120	---	---	
EW-01	09/20/94	---	---	---	---	---	---	---	---	---	---	---	38	140	---	---	
EW-01	11/03/94	---	---	---	---	---	---	---	---	---	---	---	120	140	---	---	
EW-01	11/30/94	---	---	---	---	---	---	---	---	---	---	---	140	180	---	---	
EW-01	12/20/94	---	---	---	---	---	---	---	---	---	---	---	110	160	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-01	01/31/95	---	---	---	---	---	---	---	---	---	---	---	96	160	---	---	---
EW-01	02/28/95	---	---	---	---	---	---	---	---	---	---	---	68	110	---	---	---
EW-01	03/21/95	---	---	---	---	---	---	---	---	---	---	---	68	120	---	---	---
EW-01	04/11/95	---	---	---	---	---	---	---	---	---	---	---	60	120	---	---	---
EW-01	05/11/95	---	---	---	---	---	---	---	---	---	---	---	60	120	---	---	---
EW-01	06/14/95	---	---	---	---	---	---	---	---	---	---	---	70	140	---	---	---
EW-01	08/01/95	---	---	---	---	---	---	---	---	---	---	---	58	120	---	---	---
EW-01	08/31/95	---	---	---	---	---	---	---	---	---	---	---	37	100	---	---	---
EW-01	09/27/95	---	---	---	---	---	---	---	---	---	---	---	26	88	---	---	---
EW-02	06/28/91	<.09	22	2.6	0.78	8.8	0.22	9.4	<.02	<.06	<.02	1.7	150	220	---	---	---
EW-02	06/09/92	---	---	---	---	---	.14	7.6	<.03	<.05	<.05	3.7	110	180	<5.0	---	---
EW-02	07/08/92	.01	59	2.0	.76	6.8	.13	5.8	<.01	<.05	.02	2.9	120	150	<5.0	---	---
EW-02	08/12/92	---	---	---	---	---	.31	---	<.01	<.05	<.01	---	130	160	---	---	---
EW-02	09/03/92	---	---	---	---	---	.26	6.4	.02	<.05	<.02	2.9	95	130	---	---	---
EW-02	10/06/92	---	---	---	---	---	.11	---	.14	<.05	<.02	---	64	90	---	---	---
EW-02	11/02/92	<.20	58	2.5	.70	8.2	.09	7.8	<.01	<.05	.06	2.9	81	110	---	---	---
EW-02	12/18/92	---	---	---	---	---	---	---	---	---	---	---	99	130	---	---	---
EW-02	01/08/93	---	---	---	---	---	---	---	---	---	---	---	120	150	---	---	---
EW-02	02/17/93	---	---	---	---	---	---	---	---	---	---	---	77	120	---	---	---
EW-02	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	83	---	---	---
EW-02	04/07/93	---	---	---	---	---	---	---	---	---	---	---	130	160	---	---	---
EW-02	05/13/93	---	---	---	---	---	---	---	---	---	---	---	110	130	---	---	---
EW-02	06/08/93	---	---	---	---	---	---	---	---	---	---	---	96	110	---	---	---
EW-02	07/01/93	---	---	---	---	---	---	---	---	---	---	---	88	110	---	---	---
EW-02	08/04/93	---	---	---	---	---	---	---	---	---	---	---	60	90	---	---	---
EW-02	09/14/93	---	---	---	---	---	---	---	---	---	---	---	110	150	---	---	---
EW-02	10/15/93	---	---	---	---	---	---	---	---	---	---	---	130	150	---	---	---
EW-02	11/18/93	---	---	---	---	---	---	---	---	---	---	---	86	130	---	---	---
EW-02	12/13/93	---	---	---	---	---	---	---	---	---	---	---	120	190	---	---	---
EW-02	01/13/94	---	---	---	---	---	---	---	---	---	---	---	100	120	---	---	---
EW-02	02/03/94	---	---	---	---	---	---	---	---	---	---	---	68	160	---	---	---
EW-02	03/03/94	---	---	---	---	---	---	---	---	---	---	---	120	180	---	---	---
EW-02	04/27/94	---	---	---	---	---	---	---	---	---	---	---	86	120	---	---	---
EW-02	05/23/94	---	---	---	---	---	---	---	---	---	---	---	66	140	---	---	---

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-02	06/22/94	---	---	---	---	---	---	---	---	---	---	---	160	190	---	---	
EW-02	07/15/94	---	---	---	---	---	---	---	---	---	---	---	120	150	---	---	
EW-02	08/23/94	---	---	---	---	---	---	---	---	---	---	---	93	140	---	---	
EW-02	09/20/94	---	---	---	---	---	---	---	---	---	---	---	100	180	---	---	
EW-02	11/03/94	---	---	---	---	---	---	---	---	---	---	---	110	150	---	---	
EW-02	11/30/94	---	---	---	---	---	---	---	---	---	---	---	110	210	---	---	
EW-02	12/20/94	---	---	---	---	---	---	---	---	---	---	---	150	180	---	---	
EW-02	01/31/95	---	---	---	---	---	---	---	---	---	---	---	140	200	---	---	
EW-02	02/28/95	---	---	---	---	---	---	---	---	---	---	---	100	140	---	---	
EW-02	03/21/95	---	---	---	---	---	---	---	---	---	---	---	120	170	---	---	
EW-02	04/11/95	---	---	---	---	---	---	---	---	---	---	---	96	130	---	---	
EW-02	05/11/95	---	---	---	---	---	---	---	---	---	---	---	88	140	---	---	
EW-02	06/14/95	---	---	---	---	---	---	---	---	---	---	---	190	250	---	---	
EW-02	08/01/95	---	---	---	---	---	---	---	---	---	---	---	100	150	---	---	
EW-02	08/31/95	---	---	---	---	---	---	---	---	---	---	---	89	140	---	---	
EW-02	09/27/95	---	---	---	---	---	---	---	---	---	---	---	66	130	---	---	
EW-03	06/28/91	<.09	9.4	2.0	1.7	2.7	0.12	3.9	3.8	<.06	<.02	21	17	69	---	---	
EW-03	06/09/92	---	---	---	---	---	.06	5.2	4.4	<.05	<.05	19	57	81	---	---	
EW-03	07/08/92	<.002	24	2.6	1.5	3.5	<.01	4.2	5.6	<.05	<.01	19	56	93	<.5.0	---	
EW-03	08/12/92	---	---	---	---	---	<.01	---	5.4	<.05	<.01	---	82	91	---	---	
EW-03	11/06/92	<.20	14	2.1	1.4	2.2	.04	3.2	9.6	<.05	<.02	25	33	55	---	---	
EW-03	01/08/93	---	---	---	---	---	---	---	---	---	---	---	38	59	---	---	
EW-03	04/07/93	---	---	---	---	---	---	---	---	---	---	---	17	61	---	---	
EW-04	06/28/91	<.09	17	2.9	1.5	6.4	.29	5.9	2.4	<.06	<.02	16	110	190	---	---	
EW-04	06/09/92	---	---	---	---	---	.06	5.5	2.9	<.05	<.05	18	44	74	<.5.0	---	
EW-04	07/10/92	<.002	34	2.4	1.8	6.7	<.01	4.4	4.0	<.05	<.01	15	76	110	<.5.0	---	
EW-04	08/12/92	---	---	---	---	---	.38	---	3.7	<.05	<.01	---	85	120	---	---	
EW-04	11/06/92	<.20	42	3.1	1.4	5.0	.07	6.6	2.0	<.05	<.02	13	79	110	---	---	
EW-04	01/08/93	---	---	---	---	---	---	---	---	---	---	---	94	110	---	---	
EW-04	04/07/93	---	---	---	---	---	---	---	---	---	---	---	77	100	---	---	
EW-05	06/28/91	.19	16	1.6	1.0	5.6	.24	5.2	1.5	<.06	.12	6.9	63	140	---	---	
EW-05	06/09/92	---	---	---	---	---	.07	5.0	.14	<.05	<.05	3.2	56	100	<.5.0	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-05 (R)	06/09/92	---	---	---	---	---	0.07	5.1	0.12	<0.05	<0.05	2.6	---	130	---	---	
EW-05	07/09/92	<0.002	9.6	1.6	0.53	4.6	.06	4.4	.27	<0.05	<.01	4.6	44	110	<5.0	---	
EW-05	08/12/92	---	---	---	---	---	.14	---	.31	<.05	.01	---	73	120	---	---	
EW-05	09/03/92	---	---	---	---	---	.13	5.6	.44	<.05	<.02	4.7	67	100	---	---	
EW-05	10/06/92	---	---	---	---	---	.12	---	.59	<.05	<.02	---	66	130	---	---	
EW-05	11/02/92	<.20	14	1.5	.70	4.7	.09	4.7	.54	<.05	.10	5.8	42	100	---	---	
EW-05	12/18/92	---	---	---	---	---	---	---	---	---	---	---	83	97	---	---	
EW-05 (R)	12/18/92	---	---	---	---	---	---	---	---	---	---	---	---	93	---	---	
EW-05	01/11/93	---	---	---	---	---	.14	4.5	.02	<.05	.14	3.1	150	190	---	---	
EW-05	02/17/93	---	---	---	---	---	---	---	---	---	---	---	41	82	---	---	
EW-05	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	
EW-05 (R)	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	82	---	---	
EW-05	04/07/93	---	---	---	---	---	---	---	---	---	---	---	49	120	---	---	
EW-05	08/04/93	---	---	---	---	---	---	---	---	---	---	---	40	83	---	---	
EW-05	09/14/93	---	---	---	---	---	---	---	---	---	---	---	45	110	---	---	
EW-05	10/15/93	---	---	---	---	---	---	---	---	---	---	---	99	140	---	---	
EW-05	11/18/93	---	---	---	---	---	---	---	---	---	---	---	57	110	---	---	
EW-05	12/13/93	---	---	---	---	---	---	---	---	---	---	---	56	120	---	---	
EW-05	01/13/94	---	---	---	---	---	---	---	---	---	---	---	69	100	---	---	
EW-05	02/03/94	---	---	---	---	---	---	---	---	---	---	---	47	110	---	---	
EW-05	03/03/94	---	---	---	---	---	---	---	---	---	---	---	62	120	---	---	
EW-05	04/27/94	---	---	---	---	---	---	---	---	---	---	---	61	110	---	---	
EW-05	05/23/94	---	---	---	---	---	---	---	---	---	---	---	54	130	---	---	
EW-05	06/22/94	---	---	---	---	---	---	---	---	---	---	---	75	160	---	---	
EW-05	07/15/94	---	---	---	---	---	---	---	---	---	---	---	59	130	---	---	
EW-05	08/23/94	---	---	---	---	---	---	---	---	---	---	---	58	140	---	---	
EW-05	09/20/94	---	---	---	---	---	---	---	---	---	---	---	65	150	---	---	
EW-05	11/03/94	---	---	---	---	---	---	---	---	---	---	---	89	130	---	---	
EW-05	11/30/94	---	---	---	---	---	---	---	---	---	---	---	110	160	---	---	
EW-05	12/20/94	---	---	---	---	---	---	---	---	---	---	---	100	190	---	---	
EW-05	01/31/95	---	---	---	---	---	---	---	---	---	---	---	56	160	---	---	
EW-05	02/28/95	---	---	---	---	---	---	---	---	---	---	---	56	130	---	---	
EW-05	03/21/95	---	---	---	---	---	---	---	---	---	---	---	56	140	---	---	
EW-05	04/12/95	---	---	---	---	---	---	---	---	---	---	---	47	110	---	---	
EW-05	05/11/95	---	---	---	---	---	---	---	---	---	---	---	54	120	---	---	

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-05	06/14/95	---	---	---	---	---	---	---	---	---	---	---	74	150	---	---	---
EW-05	08/02/95	---	---	---	---	---	---	---	---	---	---	---	52	120	---	---	---
EW-05	08/31/95	---	---	---	---	---	---	---	---	---	---	---	40	110	---	---	---
EW-05	09/27/95	---	---	---	---	---	---	---	---	---	---	---	34	96	---	---	---
EW-06	06/28/91	0.58	16	1.3	0.73	5.0	0.29	4.4	0.61	<0.06	0.07	6.9	91	180	---	---	---
EW-06	06/10/92	---	---	---	---	---	.07	4.0	<.03	<.05	<.05	3.5	48	130	<5.0	---	---
EW-06	07/10/92	.05	13	1.3	.70	5.2	.07	3.8	.05	<.05	<.01	3.8	90	130	<5.0	---	---
EW-06 (R)	07/10/92	.05	14	1.8	.64	6.1	.07	3.7	.04	<.05	<.01	3.8	---	130	<5.0	---	---
EW-06	08/12/92	---	---	---	---	---	.34	---	.01	<.05	<.01	---	76	120	---	---	---
EW-06	09/03/92	---	---	---	---	---	.17	5.6	.25	<.05	<.02	5.2	97	160	---	---	---
EW-06	10/06/92	---	---	---	---	---	.22	---	.07	<.05	.05	---	58	120	---	---	---
EW-06	11/02/92	<.20	18	2.3	.72	4.1	.07	3.9	<.01	<.05	.19	3.3	64	120	<5.0	<5.0	---
EW-06	12/18/92	---	---	---	---	---	---	---	---	---	---	---	81	100	---	---	---
EW-06	01/11/93	---	---	---	---	---	---	---	---	---	---	---	65	120	<5.0	<5.0	---
EW-06	02/17/93	---	---	---	---	---	---	---	---	---	---	---	63	120	---	---	---
EW-06 (R)	02/17/93	---	---	---	---	---	---	---	---	---	---	---	---	120	---	---	---
EW-06	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	---
EW-06	04/07/93	---	---	---	---	---	---	---	---	---	---	---	76	160	<5.0	<5.0	---
EW-06	05/13/93	---	---	---	---	---	---	---	---	---	---	---	48	110	---	---	---
EW-06 (R)	05/13/93	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	---
EW-06	06/08/93	---	---	---	---	---	---	---	---	---	---	---	53	93	---	---	---
EW-06	08/04/93	---	---	---	---	---	---	---	---	---	---	---	35	85	---	---	---
EW-06 (R)	08/04/93	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---
EW-06	09/14/93	---	---	---	---	---	---	---	---	---	---	---	53	120	---	---	---
EW-06 (R)	09/14/93	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	---
EW-06	10/15/93	---	---	---	---	---	---	---	---	---	---	---	110	190	---	---	---
EW-06	11/18/93	---	---	---	---	---	---	---	---	---	---	---	60	130	---	---	---
EW-06	12/13/93	---	---	---	---	---	---	---	---	---	---	---	59	120	---	---	---
EW-06 (R)	12/13/93	---	---	---	---	---	---	---	---	---	---	---	---	130	---	---	---
EW-06	01/13/94	---	---	---	---	---	---	---	---	---	---	---	61	100	---	---	---
EW-06	02/03/94	---	---	---	---	---	---	---	---	---	---	---	38	110	---	---	---
EW-06	03/03/94	---	---	---	---	---	---	---	---	---	---	---	70	130	---	---	---
EW-06	04/27/94	---	---	---	---	---	---	---	---	---	---	---	72	130	---	---	---
EW-06	05/23/94	---	---	---	---	---	---	---	---	---	---	---	37	120	---	---	---



**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Annon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-06	06/22/94	---	---	---	---	---	---	---	---	---	---	---	62	130	---	---	
EW-06	07/15/94	---	---	---	---	---	---	---	---	---	---	---	58	140	---	---	
EW-06	08/23/94	---	---	---	---	---	---	---	---	---	---	---	55	140	---	---	
EW-06	09/20/94	---	---	---	---	---	---	---	---	---	---	---	54	140	---	---	
EW-06	11/03/94	---	---	---	---	---	---	---	---	---	---	---	82	130	---	---	
EW-06	11/30/94	---	---	---	---	---	---	---	---	---	---	---	93	140	---	---	
EW-06	12/20/94	---	---	---	---	---	---	---	---	---	---	---	64	140	---	---	
EW-06	01/31/95	---	---	---	---	---	---	---	---	---	---	---	84	190	---	---	
EW-06	02/28/95	---	---	---	---	---	---	---	---	---	---	---	68	120	---	---	
EW-06	03/21/95	---	---	---	---	---	---	---	---	---	---	---	59	130	---	---	
EW-06	04/12/95	---	---	---	---	---	---	---	---	---	---	---	61	120	---	---	
EW-06	05/11/95	---	---	---	---	---	---	---	---	---	---	---	59	110	---	---	
EW-06	06/14/95	---	---	---	---	---	---	---	---	---	---	---	58	140	---	---	
EW-06	08/02/95	---	---	---	---	---	---	---	---	---	---	---	59	140	---	---	
EW-06	08/31/95	---	---	---	---	---	---	---	---	---	---	---	42	140	---	---	
EW-06	09/27/95	---	---	---	---	---	---	---	---	---	---	---	37	110	---	---	
EW-07	06/28/91	<0.09	7.1	1.4	1.4	3.1	0.21	3.9	<0.02	<0.06	0.22	18	38	84	---	---	
EW-07	06/10/92	---	---	---	---	---	.04	3.1	<.03	<.05	<.05	15	52	79	<5.0	---	
EW-07	07/10/92	<002	12	1.6	1.4	4.5	.04	2.9	.01	<.05	<.01	13	60	82	<5.0	---	
EW-07	08/12/92	---	---	---	---	---	.14	---	.01	<.05	<.01	---	51	83	---	---	
EW-07 (R)	08/12/92	---	---	---	---	---	.13	---	.01	<.05	.02	---	---	93	---	---	
EW-07	09/03/92	---	---	---	---	---	.15	3.7	.10	<.05	.04	15	75	110	---	---	
EW-07	10/06/92	---	---	---	---	---	.18	---	.05	<.05	.07	---	58	110	---	---	
EW-07	11/02/92	<.20	15	2.5	1.1	2.3	.03	2.8	<.01	<.05	.08	11	48	89	<5.0	<5.0	
EW-07	12/18/92	---	---	---	---	---	---	---	---	---	---	---	53	83	---	---	
EW-07	01/11/93	---	---	---	---	---	---	---	---	---	---	---	44	93	<5.0	<5.0	
EW-07	02/17/93	---	---	---	---	---	---	---	---	---	---	---	52	110	---	---	
EW-07	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	
EW-07	04/07/93	---	---	---	---	---	---	---	---	---	---	---	44	110	<5.0	<5.0	
EW-07	05/13/93	---	---	---	---	---	---	---	---	---	---	---	34	79	---	---	
EW-07	06/08/93	---	---	---	---	---	---	---	---	---	---	---	36	70	---	---	
EW-07	07/01/93	---	---	---	---	---	---	---	---	---	---	---	52	94	<5.0	<5.0	
EW-07	08/04/93	---	---	---	---	---	---	---	---	---	---	---	31	82	---	---	
EW-07	09/14/93	---	---	---	---	---	---	---	---	---	---	---	37	97	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-07	10/15/93	---	---	---	---	---	---	---	---	---	---	---	49	93	---	---	
EW-07	11/18/93	---	---	---	---	---	---	---	---	---	---	---	41	99	---	---	
EW-07	12/13/93	---	---	---	---	---	---	---	---	---	---	---	44	100	---	---	
EW-07	01/13/94	---	---	---	---	---	---	---	---	---	---	---	51	97	---	---	
EW-07	02/03/94	---	---	---	---	---	---	---	---	---	---	---	27	81	---	---	
EW-07	03/03/94	---	---	---	---	---	---	---	---	---	---	---	37	92	---	---	
EW-07	04/27/94	---	---	---	---	---	---	---	---	---	---	---	38	77	---	---	
EW-07	05/23/94	---	---	---	---	---	---	---	---	---	---	---	22	88	---	---	
EW-07	06/22/94	---	---	---	---	---	---	---	---	---	---	---	39	110	---	---	
EW-07	07/15/94	---	---	---	---	---	---	---	---	---	---	---	40	110	---	---	
EW-07	08/23/94	---	---	---	---	---	---	---	---	---	---	---	36	110	---	---	
EW-07	09/20/94	---	---	---	---	---	---	---	---	---	---	---	35	120	---	---	
EW-07	11/03/94	---	---	---	---	---	---	---	---	---	---	---	52	110	---	---	
EW-07	11/30/94	---	---	---	---	---	---	---	---	---	---	---	100	130	---	---	
EW-07	12/20/94	---	---	---	---	---	---	---	---	---	---	---	46	130	---	---	
EW-07	01/31/95	---	---	---	---	---	---	---	---	---	---	---	35	110	---	---	
EW-07	02/28/95	---	---	---	---	---	---	---	---	---	---	---	45	91	---	---	
EW-07	03/21/95	---	---	---	---	---	---	---	---	---	---	---	42	120	---	---	
EW-07	04/12/95	---	---	---	---	---	---	---	---	---	---	---	31	96	---	---	
EW-07	05/11/95	---	---	---	---	---	---	---	---	---	---	---	34	67	---	---	
EW-07	06/14/95	---	---	---	---	---	---	---	---	---	---	---	44	97	---	---	
EW-07	08/02/95	---	---	---	---	---	---	---	---	---	---	---	40	110	---	---	
EW-07	08/31/95	---	---	---	---	---	---	---	---	---	---	---	29	98	---	---	
EW-07	09/27/95	---	---	---	---	---	---	---	---	---	---	---	29	87	---	---	
EW-08	06/28/91	<0.09	22	2.2	1.2	6.7	0.53	7.2	<0.02	<0.06	0.77	<0.10	270	370	---	---	
EW-08	06/10/92	---	---	---	---	---	.38	8.5	<.03	<.05	.19	.40	110	170	---	---	
EW-08	07/10/92	.07	48	2.8	.89	6.5	.41	6.4	.13	<.05	<.01	2.3	110	170	<5.0	---	
EW-08	08/12/92	---	---	---	---	---	.62	---	.05	<.05	.02	---	110	170	---	---	
EW-08	09/03/92	---	---	---	---	---	.46	7.0	.04	<.05	<.02	3.9	88	130	---	---	
EW-08	10/06/92	---	---	---	---	---	.66	---	<.01	<.05	.04	---	94	130	---	---	
EW-08	11/02/92	<20	7.6	.36	<.39	.84	.24	7.4	<.01	<.05	.66	1.9	72	120	---	---	
EW-08	12/18/92	---	---	---	---	---	---	---	---	---	---	---	96	130	---	---	
EW-08	01/11/93	---	---	---	---	---	---	---	---	---	---	---	68	110	---	---	
EW-08	02/17/93	---	---	---	---	---	---	---	---	---	---	---	130	150	---	---	

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-08	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---
EW-08	04/07/93	---	---	---	---	---	---	---	---	---	---	---	110	160	---	---	---
EW-08	05/13/93	---	---	---	---	---	---	---	---	---	---	---	66	120	---	---	---
EW-08	06/08/93	---	---	---	---	---	---	---	---	---	---	---	74	110	---	---	---
EW-08	07/01/93	---	---	---	---	---	---	---	---	---	---	---	98	140	---	---	---
EW-08	08/04/93	---	---	---	---	---	---	---	---	---	---	---	64	110	---	---	---
EW-08	09/14/93	---	---	---	---	---	---	---	---	---	---	---	130	190	---	---	---
EW-08	10/15/93	---	---	---	---	---	---	---	---	---	---	---	140	210	---	---	---
EW-08	11/18/93	---	---	---	---	---	---	---	---	---	---	---	92	160	---	---	---
EW-08	12/13/93	---	---	---	---	---	---	---	---	---	---	---	94	190	---	---	---
EW-08	01/13/94	---	---	---	---	---	---	---	---	---	---	---	88	150	---	---	---
EW-08	02/03/94	---	---	---	---	---	---	---	---	---	---	---	64	160	---	---	---
EW-08	03/03/94	---	---	---	---	---	---	---	---	---	---	---	93	180	---	---	---
EW-08	04/27/94	---	---	---	---	---	---	---	---	---	---	---	80	150	---	---	---
EW-08	05/23/94	---	---	---	---	---	---	---	---	---	---	---	72	170	---	---	---
EW-08	06/22/94	---	---	---	---	---	---	---	---	---	---	---	180	250	---	---	---
EW-08	07/15/94	---	---	---	---	---	---	---	---	---	---	---	120	170	---	---	---
EW-08	08/23/94	---	---	---	---	---	---	---	---	---	---	---	100	190	---	---	---
EW-08	09/20/94	---	---	---	---	---	---	---	---	---	---	---	91	180	---	---	---
EW-08	11/03/94	---	---	---	---	---	---	---	---	---	---	---	86	150	---	---	---
EW-08	11/30/94	---	---	---	---	---	---	---	---	---	---	---	150	190	---	---	---
EW-08	12/20/94	---	---	---	---	---	---	---	---	---	---	---	150	200	---	---	---
EW-08	01/31/95	---	---	---	---	---	---	---	---	---	---	---	120	180	---	---	---
EW-08	02/28/95	---	---	---	---	---	---	---	---	---	---	---	140	180	---	---	---
EW-08	03/21/95	---	---	---	---	---	---	---	---	---	---	---	130	200	---	---	---
EW-08	04/12/95	---	---	---	---	---	---	---	---	---	---	---	110	150	---	---	---
EW-08	05/11/95	---	---	---	---	---	---	---	---	---	---	---	120	140	---	---	---
EW-08	06/14/95	---	---	---	---	---	---	---	---	---	---	---	110	180	---	---	---
EW-08	08/02/95	---	---	---	---	---	---	---	---	---	---	---	140	180	---	---	---
EW-08	08/31/95	---	---	---	---	---	---	---	---	---	---	---	120	190	---	---	---
EW-08	09/27/95	---	---	---	---	---	---	---	---	---	---	---	89	150	---	---	---
EW-09	06/28/91	0.27	19	3.8	0.88	10	0.54	14	<0.02	<0.06	0.09	0.46	210	330	---	---	---
EW-09	01/17/92	<.01	85	13	1.2	33	2.3	140	.08	<.01	.15	1.1	160	260	<5.0	---	---
EW-09	03/18/92	---	---	---	---	---	2.1	---	<.06	---	<.09	---	---	---	---	---	---

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-09	04/09/92	0.07	63	7.4	1.3	19	2.0	52	<0.06	<0.05	<0.09	0.53	250	340	<5.0	---	
EW-09	05/07/92	---	---	---	---	---	.98	---	.02	---	.07	---	220	330	---	---	
EW-09	06/10/92	3.0	110	7.9	1.4	19	1.4	40	<.03	<.05	<.05	.60	250	290	<5.0	---	
EW-09	07/10/92	.45	82	2.2	1.7	12	.54	24	.02	<.05	.01	.86	300	350	<5.0	---	
EW-09	08/12/92	---	---	---	---	---	.93	---	.04	<.05	.03	---	250	290	---	---	
EW-09	09/03/92	---	---	---	---	---	.87	33	.05	<.05	.09	.80	180	250	---	---	
EW-09	10/06/92	---	---	---	---	---	1.5	---	<.01	<.05	<.02	---	190	280	---	---	
EW-09	11/02/92	.24	70	6.4	.97	19	.87	27	<.01	<.05	.19	.38	160	270	---	---	
EW-09	12/18/92	---	---	---	---	---	---	---	---	---	---	---	220	290	---	---	
EW-09	01/11/93	---	---	---	---	---	.88	30	<.01	<.05	<.02	.44	230	380	---	---	
EW-09	02/17/93	---	---	---	---	---	---	---	---	---	---	---	160	280	---	---	
EW-09	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	250	---	---	
EW-09	04/07/93	<.02	63	4.7	.60	23	.85	23	.10	<.05	.05	.42	210	300	---	---	
EW-09	05/13/93	---	---	---	---	---	.92	25	<.01	<.05	<.02	.47	170	250	---	---	
EW-09	05/20/93	---	---	---	---	---	.94	24	<.01	<.05	<.02	.93	180	270	---	---	
EW-09	05/27/93	---	---	---	---	---	1.7	23	<.01	<.05	<.02	1.2	200	290	---	---	
EW-09	06/03/93	---	---	---	---	---	1.3	22	<.01	<.05	<.02	1.6	200	270	---	---	
EW-09	06/08/93	---	---	---	---	---	1.1	19	.03	<.05	<.02	1.3	130	210	---	---	
EW-09	06/24/93	---	---	---	---	---	1.6	29	.02	<.05	<.02	1.3	190	270	---	---	
EW-09	06/30/93	<.09	100	8.4	1.1	22	1.1	26	<.01	<.05	<.02	1.7	240	270	---	---	
EW-09	08/04/93	<.09	95	7.6	1.4	22	.86	23	<.01	<.05	<.02	.91	150	230	---	---	
EW-09	09/14/93	---	---	---	---	---	.71	34	<.01	<.05	<.02	.77	180	390	---	---	
EW-09	10/13/93	<.09	81	6.6	1.2	19	.76	18	<.01	<.05	<.02	.68	340	370	---	---	
EW-09	11/18/93	<.09	70	6.9	1.8	25	.72	21	.05	<.05	<.02	.56	200	310	---	---	
EW-09	12/13/93	---	---	---	---	---	.88	20	<.01	<.05	<.02	.50	190	350	---	---	
EW-09	01/11/94	2.0	64	7.3	1.9	21	.77	26	<.01	<.05	<.02	.63	220	260	---	---	
EW-09	02/03/94	.13	65	6.3	.99	18	.66	24	.03	<.02	<.02	.54	130	280	---	---	
EW-09	03/03/94	<.02	59	5.6	1.2	16	.65	24	<.01	<.02	<.02	.45	180	360	---	---	
EW-09	04/27/94	<.02	60	6.2	1.2	17	.69	23	<.01	<.02	<.02	.63	150	290	---	---	
EW-09	05/23/94	<.02	70	7.2	1.4	18	.67	23	<.01	<.02	<.02	1.1	54	270	---	---	
EW-09	06/22/94	<.02	72	7.1	1.3	17	.52	23	<.01	<.02	<.02	1.1	220	330	---	---	
EW-09	07/14/94	<.02	70	7.1	1.6	27	.61	25	<.01	<.02	<.02	1.2	150	240	---	---	
EW-09	08/23/94	---	---	---	---	---	.47	21	<.01	<.02	<.02	1.3	140	250	---	---	
EW-09	09/20/94	---	---	---	---	---	.46	21	<.01	<.02	<.02	1.3	150	270	---	---	
EW-09	11/02/94	.29	67	6.7	1.3	16	.63	23	<.01	<.02	<.02	1.5	200	280	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-09	11/30/94	---	---	---	---	---	0.57	22	<0.01	<0.02	<0.02	1.3	130	140	---	---	---
EW-09	12/20/94	---	---	---	---	---	.50	18	<0.1	<0.2	<0.2	1.1	220	330	---	---	---
EW-09	02/01/95	<0.02	55	5.2	0.78	12	.67	24	<0.1	<0.2	<0.2	1.7	220	320	---	---	---
EW-09	02/28/95	---	---	---	---	---	2.7	22	<0.1	<0.2	<0.2	1.5	210	310	---	---	---
EW-09	03/21/95	---	---	---	---	---	.57	23	<0.1	<0.2	<0.2	1.2	190	330	---	---	---
EW-09	04/11/95	.19	56	5.5	.86	13	.04	22	<0.1	<0.2	<0.2	.92	170	270	---	---	---
EW-09	05/11/95	<0.2	51	4.6	.63	12	.49	25	<0.1	<0.2	<0.2	2.6	240	320	---	---	---
EW-09	06/14/95	<0.2	62	6.1	.97	24	.49	22	<0.1	<0.2	<0.2	.94	230	380	---	---	---
EW-10	06/28/91	.45	14	4.2	1.3	8.7	.50	8.3	<0.2	<0.6	.04	6.0	95	220	---	---	---
EW-10	01/17/92	<0.1	77	7.8	.68	23	1.0	51	.02	<0.1	.24	9.9	100	130	<5.0	---	---
EW-10	03/18/92	---	---	---	---	---	.42	---	<0.6	---	<0.9	---	---	---	---	---	---
EW-10	04/09/92	.24	59	4.2	1.2	12	.32	13	<0.6	<0.5	<0.9	4.7	200	240	<5.0	---	---
EW-10	05/07/92	---	---	---	---	---	.29	---	.01	---	.02	---	140	240	---	---	---
EW-10	06/10/92	2.2	73	4.2	1.6	11	.33	11	<0.3	<0.5	<0.5	5.6	200	210	<5.0	---	---
EW-10	07/10/92	.24	70	4.0	1.1	9.6	.20	8.8	<0.1	<0.5	<0.1	6.8	180	230	<5.0	---	---
EW-10	08/12/92	---	---	---	---	---	.47	---	<0.1	<0.5	<0.1	---	190	210	---	---	---
EW-10	09/03/92	---	---	---	---	---	.39	8.2	<0.1	<0.5	<0.2	6.1	190	210	---	---	---
EW-10	10/06/92	---	---	---	---	---	.72	---	<0.1	<0.5	<0.2	---	140	180	---	---	---
EW-10	11/02/92	.38	60	3.8	.87	8.1	.20	8.0	<0.1	<0.5	<0.2	5.6	110	140	---	---	---
EW-10	12/18/92	---	---	---	---	---	---	---	---	---	---	---	170	200	---	---	---
EW-10	01/11/93	---	---	---	---	---	.24	9.4	<0.1	<0.5	<0.2	4.8	230	280	---	---	---
EW-10	02/17/93	---	---	---	---	---	---	---	---	---	---	---	130	240	---	---	---
EW-10	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	160	---	---	---
EW-10	04/07/93	---	---	---	---	---	---	---	---	---	---	---	170	220	---	---	---
EW-10	05/13/93	---	---	---	---	---	.24	9.7	<0.1	<0.5	<0.2	4.5	120	160	---	---	---
EW-10	05/20/93	---	---	---	---	---	.27	11	<0.1	<0.5	<0.2	5.2	160	220	---	---	---
EW-10	05/27/93	---	---	---	---	---	.22	14	<0.1	<0.5	<0.2	7.7	190	250	---	---	---
EW-10	06/03/93	---	---	---	---	---	.94	16	.05	<0.5	<0.2	10	180	250	---	---	---
EW-10	06/24/93	---	---	---	---	---	.52	27	<0.1	<0.5	<0.2	12	130	190	---	---	---
EW-10	06/30/93	.64	81	5.3	.99	27	.73	28	<0.1	<0.5	<0.2	23	200	230	---	---	---
EW-10	08/04/93	.72	79	5.0	.89	28	1.3	22	<0.1	<0.5	<0.2	13	150	200	---	---	---
EW-10	09/14/93	---	---	---	---	---	.42	18	<0.1	<0.5	<0.2	19	150	250	---	---	---
EW-10	10/13/93	.53	49	3.8	.88	13	.28	8.5	<0.1	<0.5	<0.2	11	160	210	---	---	---
EW-10	11/18/93	.43	61	4.8	1.5	21	.98	19	.01	<0.5	<0.2	17	200	250	---	---	---

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-10	12/13/93	---	---	---	---	---	1.1	18	<.01	<.05	<.02	17	160	250	---	---	
EW-10	01/11/94	2.9	48	5.0	1.4	33	1.4	35	<.01	<.05	<.02	15	140	180	---	---	
EW-10	02/03/94	.35	31	3.6	.99	47	1.6	49	.18	<.02	<.02	23	110	210	---	---	
EW-10	03/03/94	<.02	34	3.3	1.0	41	1.5	40	<.01	<.02	<.02	19	110	230	---	---	
EW-10	04/27/94	.95	43	3.9	1.4	37	1.5	36	.05	<.02	<.02	13	170	220	---	---	
EW-10	05/23/94	<.02	15	4.1	1.8	78	3.0	74	<.01	<.02	<.02	29	69	230	---	---	
EW-10	06/22/94	<.02	13	3.9	2.2	130	4.7	120	.95	<.02	<.02	50	170	310	---	---	
EW-10	07/14/94	<.02	32	4.3	1.7	84	2.5	82	.91	<.02	<.02	34	160	220	---	---	
EW-10	08/23/94	---	---	---	---	---	2.3	76	3.1	<.02	<.02	33	100	220	---	---	
EW-10	09/20/94	---	---	---	---	---	1.5	46	.37	<.02	<.02	18	110	210	---	---	
EW-10	11/30/94	---	---	---	---	---	.57	14	<.01	<.02	<.02	7.2	210	220	---	---	
EW-10	12/20/94	---	---	---	---	---	.36	21	<.01	<.02	<.02	8.2	190	220	---	---	
EW-10	02/01/95	.48	25	2.9	.80	23	3.0	26	<.01	<.02	<.02	12	83	210	---	---	
EW-10	02/28/95	---	---	---	---	---	.36	46	<.01	<.02	<.02	20	120	220	---	---	
EW-10	03/21/95	---	---	---	---	---	.22	24	<.01	<.02	<.02	12	120	220	---	---	
EW-10	04/11/95	.53	14	3.0	.86	31	.26	39	<.01	<.02	<.02	18	100	220	---	---	
EW-10	05/11/95	<.02	46	3.4	1.2	34	2.4	41	<.01	<.02	<.02	16	200	250	---	---	
EW-10	06/14/95	<.02	44	4.3	1.5	56	29	60	<.01	<.02	<.02	23	190	320	---	---	
EW-10	08/01/95	<.02	13	21	11	180	.45	200	.14	<.02	<.02	69	230	360	---	---	
EW-10	08/31/95	<.02	28	3.7	1.8	120	.35	110	.08	<.02	<.02	43	170	320	---	---	
EW-10	09/27/95	<.02	25	3.1	1.6	60	.04	46	<.01	<.02	<.02	19	110	210	---	---	
EW-11	07/08/91	.32	12	2.1	.85	5.5	.09	4.2	<.02	<.06	<.02	.30	71	110	---	---	Titration alkalinity also determined in laboratory.
EW-11	01/17/92	<.01	23	4.6	.46	9.9	.44	9.6	.04	<.01	2.1	2.1	34	120	<.5.0	---	
EW-11	03/18/92	---	---	---	---	---	.14	---	<.06	---	<.09	---	---	---	---	---	
EW-11	04/09/92	.02	13	1.8	.56	7.6	.23	14	<.06	<.05	<.09	2.5	51	120	<.5.0	---	
EW-11	05/07/92	---	---	---	---	---	.14	---	.01	<.05	.05	---	49	140	---	---	
EW-11	06/10/92	.20	11	2.4	.60	2.6	.17	4.1	<.03	<.05	.07	2.3	97	140	<.5.0	---	
EW-11 (R)	06/10/92	.40	12	2.3	.70	2.9	.17	4.3	<.03	<.05	.07	2.3	---	130	<.5.0	---	
EW-11	07/10/92	.24	12	7.7	.75	11	.15	5.8	<.01	<.05	.05	3.1	82	150	<.5.0	---	
EW-11	08/12/92	---	---	---	---	---	.22	---	<.01	<.05	.07	---	110	140	---	---	
EW-11	09/03/92	---	---	---	---	---	.38	5.4	<.01	<.05	.04	5.3	110	150	---	---	
EW-11	10/06/92	---	---	---	---	---	.40	---	<.01	<.05	.08	---	99	150	---	---	
EW-11 (R)	10/05/92	---	---	---	---	---	.38	---	<.01	<.05	.08	---	---	140	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-11	11/02/92	0.32	10	1.8	0.69	3.2	0.11	3.9	<0.01	<0.05	<0.02	2.6	62	100	---	---	
EW-11	12/18/92	---	---	---	---	---	---	---	---	---	---	---	100	170	---	---	
EW-11	01/11/93	---	---	---	---	---	.12	4.3	.02	<.05	<.02	1.4	55	170	---	---	
EW-11	02/17/93	---	---	---	---	---	---	---	---	---	---	---	59	100	---	---	
EW-11	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	
EW-11	04/07/93	---	---	---	---	---	---	---	---	---	---	---	57	120	---	---	
EW-11	05/13/93	---	---	---	---	---	.11	12	<.01	<.05	<.02	6.3	42	100	---	---	
EW-11	05/20/93	---	---	---	---	---	.16	17	.06	<.05	<.02	8.2	41	110	---	---	
EW-11	05/27/93	---	---	---	---	---	.65	21	<.01	<.05	<.02	12	55	140	---	---	
EW-11	06/03/93	---	---	---	---	---	.69	24	.06	<.05	<.02	16	49	130	---	---	
EW-11	06/08/93	---	---	---	---	---	.19	9.1	<.01	<.05	<.02	3.3	26	110	---	---	
EW-11	06/24/93	---	---	---	---	---	1.1	42	.01	<.05	<.02	17	52	150	---	---	
EW-11	06/30/93	.63	18	2.7	1.2	55	2.0	65	.02	<.05	<.02	35	84	160	---	---	
EW-11	08/04/93	<.09	19	2.7	1.4	70	2.9	89	.15	<.05	<.02	35	51	160	---	---	
EW-11	09/14/93	---	---	---	---	---	1.2	39	<.01	<.05	<.02	26	50	160	---	---	
EW-11	10/13/93	.98	12	2.0	.96	41	1.3	38	.14	<.05	<.02	34	100	190	---	---	
EW-11	11/18/93	<.09	8.5	1.9	1.6	80	.09	64	.08	<.05	<.02	56	120	260	---	---	
EW-11	12/13/93	---	---	---	---	---	13	83	12	<.05	<.02	46	100	250	---	---	
EW-11	01/11/94	7.4	13	2.1	1.2	150	4.1	120	2.5	<.05	<.02	43	130	230	---	---	
EW-11	02/03/94	<.02	13	2.3	1.6	130	5.4	130	.06	<.02	<.02	51	110	270	---	---	
EW-11	03/03/94	<.02	12	2.3	1.3	78	3.5	85	<.01	<.02	<.02	31	99	240	---	---	
EW-11	04/27/94	<.02	12	2.8	2.3	100	4.5	100	3.2	<.02	<.02	40	140	210	---	---	
EW-11	05/23/94	<.02	14	3.1	2.9	150	5.4	130	5.6	<.02	<.02	48	89	260	---	---	
EW-11	06/22/94	<.02	13	3.0	3.6	170	6.0	150	6.0	<.02	<.02	53	180	310	---	---	
EW-11	07/14/94	<.02	14	2.9	3.8	190	6.2	190	5.3	<.02	<.02	68	160	270	---	---	
EW-11	08/23/94	---	---	---	---	---	.23	10	<.01	<.02	<.02	3.2	87	160	---	---	
EW-11	11/30/94	---	---	---	---	---	1.6	89	<.01	<.02	<.02	40	240	270	---	---	
EW-11	12/20/94	---	---	---	---	---	.96	45	<.01	<.02	<.02	25	210	260	---	---	
EW-11	02/01/95	<.02	6.3	1.2	2.2	100	.65	84	<.01	<.02	<.02	32	160	230	---	---	
EW-11	02/28/95	---	---	---	---	---	.56	91	<.01	<.02	<.02	32	160	200	---	---	
EW-11	03/21/95	---	---	---	---	---	.56	98	<.01	<.02	<.02	33	150	220	---	---	
EW-11	04/11/95	<.02	8.3	1.8	3.2	120	.52	100	<.01	<.02	<.02	33	170	220	---	---	
EW-11	05/11/95	<.02	7.5	1.2	3.5	150	.58	140	<.01	<.02	<.02	43	210	290	---	---	
EW-11	06/14/95	<.02	14	2.3	4.7	160	.57	130	<.01	<.02	<.02	38	290	360	---	---	
EW-11	08/01/95	<.02	10	1.9	5.2	160	<.02	160	<.01	<.02	<.02	38	160	210	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-11	08/31/95	<0.02	15	2.6	5.1	190	0.50	160	<0.01	<0.02	<0.02	47	220	320	---	---	
EW-11	09/27/95	<0.02	14	2.8	4.0	150	.23	150	<0.01	<0.02	<0.02	40	150	260	---	---	
EW-12	07/08/91	.20	9.7	.80	.82	4.8	.07	5.0	.15	<0.06	.15	2.2	39	140	---	---	Titrated alkalinity also determined in laboratory.
EW-12	01/17/92	<.01	20	3.3	.69	9.1	.61	7.6	<.01	<.01	1.2	7.8	14	180	19	---	
EW-12	04/09/92	.02	5.7	1.1	.71	4.7	.20	6.2	1.6	<.05	.27	6.2	27	260	13	---	
EW-12	07/16/92	.10	14	.85	1.2	2.9	.19	7.5	<.01	<.05	.28	3.0	73	400	14	---	
EW-12	11/06/92	<.20	14	.78	.60	5.0	.14	7.2	.01	<.05	<.02	5.7	63	240	14	<5.0	
EW-12	01/11/93	---	---	---	---	---	.11	6.2	<.01	<.05	<.02	3.0	30	170	13	<5.0	
EW-12	04/07/93	---	---	---	---	---	---	---	---	---	---	---	32	110	6.6	<5.0	
EW-12	02/03/94	<.02	13	1.2	.96	51	2.0	55	.19	.14	<.02	19	66	190	---	---	
EW-12	03/03/94	<.02	16	1.7	1.2	65	3.2	79	<.01	<.02	<.02	23	75	210	---	---	
EW-12	04/27/94	<.02	16	2.1	1.7	67	3.4	82	.05	<.02	<.02	24	66	220	---	---	
EW-12	05/23/94	<.02	16	2.3	2.0	80	3.5	85	<.01	<.02	<.02	27	57	240	---	---	
EW-12 (R)	05/23/94	<.02	15	2.2	1.9	80	3.5	85	<.01	<.02	<.02	27	---	230	---	---	
EW-12	06/22/94	<.02	12	1.7	2.1	83	3.0	78	.13	<.02	<.02	31	100	220	---	---	
EW-12 (R)	06/22/94	<.02	13	1.7	2.0	83	3.0	79	.12	<.02	<.02	31	---	230	---	---	
EW-12	07/14/94	---	---	---	---	---	---	---	---	---	---	---	90	210	---	---	
EW-12	08/23/94	---	---	---	---	---	1.8	53	<.01	<.02	<.02	12	90	200	---	---	
EW-12 (R)	08/23/94	---	---	---	---	---	1.8	54	<.01	<.02	<.02	12	---	200	---	---	
EW-12	09/20/94	---	---	---	---	---	1.7	51	<.01	<.02	<.02	9.0	80	230	---	---	
EW-12 (R)	09/20/94	---	---	---	---	---	1.7	51	<.01	<.02	<.02	9.0	---	200	---	---	
EW-12	11/02/94	.41	16	2.0	1.5	28	1.0	34	<.01	<.02	<.02	6.2	82	220	---	---	
EW-12	11/30/94	---	---	---	---	---	1.1	34	<.01	<.02	<.02	5.3	140	230	---	---	
EW-12 (R)	11/30/94	---	---	---	---	---	1.1	34	<.01	<.02	<.02	5.3	---	230	---	---	
EW-12	02/01/95	.35	13	1.7	1.2	25	1.0	33	<.01	<.02	<.02	8.6	70	200	---	---	
EW-12	02/28/95	---	---	---	---	---	.62	35	<.01	<.02	<.02	11	94	280	---	---	
EW-12 (R)	02/28/95	---	---	---	---	---	.63	35	<.01	<.02	<.02	11	---	230	---	---	
EW-12	03/21/95	---	---	---	---	---	.55	24	<.01	<.02	<.02	6.8	66	230	---	---	
EW-12 (R)	03/21/95	---	---	---	---	---	.58	23	<.01	<.02	<.02	6.8	---	230	---	---	
EW-12	04/11/95	.32	11	1.5	.95	20	.58	24	<.01	<.02	<.02	6.4	---	180	---	---	
EW-12	05/11/95	<.02	13	1.7	1.1	23	.49	26	<.01	<.02	<.02	9.0	98	230	---	---	
EW-12 (R)	05/11/95	---	---	---	---	---	---	---	---	---	---	---	---	230	---	---	
EW-12	05/14/95	.70	13	2.0	1.5	31	.55	32	<.01	<.02	<.02	7.7	150	270	---	---	



**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-12 (R)	06/14/95	0.73	13	2.1	1.6	32	0.65	32	<0.01	<0.02	<0.02	7.6	--	230	---	---	
EW-12	08/01/95	<0.2	14	1.9	1.5	43	.41	49	<0.1	<0.2	<0.2	8.4	96	220	---	---	
EW-12	08/31/95	<0.2	16	1.7	2.0	53	.30	52	<0.1	<0.2	<0.2	11	83	200	---	---	
EW-12 (R)	08/31/95	<0.2	16	1.8	2.0	53	.31	53	<0.1	<0.2	<0.2	11	--	200	---	---	
EW-12	09/27/95	<0.2	18	2.0	1.8	46	.13	62	<0.1	<0.2	<0.2	10	64	180	---	---	
EW-12 (R)	09/27/95	<0.2	19	1.9	1.8	46	.13	62	<0.1	<0.2	<0.2	10	--	190	---	---	
EW-13	07/08/91	.44	8.7	1.3	.85	6.2	.34	6.7	<0.2	<0.6	<0.2	3.0	7.6	150	---	---	Titrated alkalinity also determined in laboratory.
EW-13	01/15/92	<0.1	10	1.0	.83	13	1.0	34	.04	<0.1	1.4	3.9	23	200	14	---	
EW-13	04/09/92	<0.2	14	1.1	.58	9.3	.35	9.4	<0.6	<0.5	.21	7.4	32	270	5.5	---	
EW-13	07/16/92	.24	12	.86	.64	4.4	<0.1	7.1	.31	<0.5	.04	1.8	43	230	5.8	---	
EW-13	09/03/92	---	---	---	---	---	---	<0.2	4.8	<0.5	<0.2	37	51	120	---	---	
EW-13 (R)	09/03/92	---	---	---	---	---	<0.2	4.8	7.2	<0.5	<0.2	37	--	120	---	---	
EW-13	11/06/92	<0.2	5.1	.32	.50	2.7	.10	3.5	.02	<0.5	<0.2	1.4	73	210	<5.0	<5.0	
EW-13	01/11/93	---	---	---	---	---	.26	8.7	.06	<0.5	<0.2	2.1	62	390	9.6	6.0	
EW-13	10/12/93	---	---	---	---	---	---	---	---	---	---	---	29	160	<5.0	<5.0	
EW-13	11/18/93	<0.9	28	2.5	1.2	120	13	140	13	<0.5	<0.2	70	51	210	---	---	
EW-14	07/08/91	.37	20	6.8	.99	8.6	.91	10	<0.2	<0.6	<0.2	.58	47	220	---	---	Titrated alkalinity also determined in laboratory.
EW-14	01/15/92	.32	86	20	1.1	19	2.2	45	.29	<0.1	.27	1.7	99	180	<5.0	---	
EW-14	09/03/92	---	---	---	---	---	<0.2	12	.53	<0.5	.23	2.4	84	280	---	---	
EW-14 (R)	09/03/92	---	---	---	---	---	<0.2	12	.73	<0.5	.21	2.3	---	270	---	---	
EW-14	11/06/92	.16	31	6.8	.54	6.7	.55	12	<0.1	<0.5	<0.2	2.4	150	240	<5.0	52	
EW-14 (R)	11/06/92	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	49
EW-14	01/11/93	---	---	---	---	---	.51	11	<0.1	<0.5	<0.2	1.5	75	260	<5.0	63	
EW-14	10/12/93	---	---	---	---	---	---	---	---	---	---	---	99	190	<5.0	34	
EW-14	11/18/93	<0.9	20	3.8	.74	8.9	.64	11	.01	<0.5	<0.2	12	64	190	---	---	
EW-14 (R)	11/18/93	<0.9	21	4.0	.69	9.2	.60	10	<0.1	<0.5	<0.2	12	---	200	---	---	
EW-14	01/20/94	.15	16	3.0	.46	7.0	.31	8.3	.20	<0.5	<0.2	5.7	39	210	---	---	
EW-14	02/03/94	.21	14	3.2	.48	6.3	.30	8.4	.03	<0.2	<0.2	4.1	41	180	---	---	
EW-14 (R)	02/03/94	.21	14	3.2	.48	6.3	.29	9.0	<0.1	<0.2	<0.2	4.0	---	210	---	---	
EW-14	03/03/94	---	---	---	---	---	---	---	---	---	---	---	70	170	---	---	
EW-14 (R)	03/03/94	---	---	---	---	---	---	---	---	---	---	---	---	180	---	---	

**Table 6.**--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate I)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-14	04/25/94	<0.02	23	3.9	0.87	7.4	0.76	12	<0.01	<0.02	<0.02	6.6	71	180	<5.0	11	
EW-14	05/23/94	---	---	---	---	---	---	---	---	---	---	---	34	140	---	---	
EW-14 (R)	05/23/94	---	---	---	---	---	---	---	---	---	---	---	---	150	---	---	
EW-14	06/22/94	---	---	---	---	---	---	---	---	---	---	---	76	150	---	---	
EW-14 (R)	06/22/94	---	---	---	---	---	---	---	---	---	---	---	---	160	---	---	
EW-14	07/11/94	<0.02	29	3.9	.95	8.7	.79	13	<0.01	<0.02	<0.02	10	68	140	<5.0	14	
EW-14	08/23/94	---	---	---	---	---	---	---	---	---	---	---	54	150	---	---	
EW-14 (R)	08/23/94	---	---	---	---	---	---	---	---	---	---	---	62	140	---	---	
EW-14	09/20/94	---	---	---	---	---	---	---	---	---	---	---	---	160	---	---	
EW-14 (R)	09/20/94	---	---	---	---	---	---	---	---	---	---	---	39	140	<5.0	270	
EW-14	10/31/94	<0.02	28	3.8	.88	6.4	.81	12	.04	<0.02	<0.02	6.5	120	160	---	---	
EW-14	11/30/94	---	---	---	---	---	---	---	---	---	---	---	---	170	---	---	
EW-14 (R)	11/30/94	---	---	---	---	---	---	---	---	---	---	---	100	180	---	---	
EW-14	12/20/94	---	---	---	---	---	---	---	---	---	---	---	---	160	---	---	
EW-14 (R)	12/20/94	---	---	---	---	---	---	---	---	---	---	---	58	110	<5.0	10	
EW-14	01/30/95	<0.02	25	3.1	.62	6.1	.79	11	<0.01	<0.02	<0.02	9.0	47	160	---	---	
EW-14	03/21/95	---	---	---	---	---	.73	11	<0.01	<0.02	<0.02	9.4	---	---	---	---	
EW-14 (R)	03/21/95	---	---	---	---	---	.75	11	<0.01	<0.02	<0.02	9.3	---	150	---	---	
EW-14	04/10/95	<0.02	28	3.3	.71	5.4	.77	11	<0.01	<0.02	<0.02	8.7	54	130	<5.0	11	
EW-14	05/11/95	<0.02	29	3.4	.73	5.5	.74	11	<0.01	<0.02	<0.02	9.8	86	160	---	---	
EW-14 (R)	05/11/95	<0.02	30	3.5	.75	5.7	.69	11	<0.01	<0.02	<0.02	9.7	---	150	---	---	
EW-14	06/14/95	<0.02	30	3.8	.92	6.2	.67	11	<0.01	<0.02	<0.02	7.4	77	220	---	---	
EW-14 (R)	06/14/95	<0.02	29	3.7	.92	6.2	.66	11	<0.01	<0.02	<0.02	7.5	---	240	---	---	
EW-14	07/31/95	<0.02	31	3.8	.76	7.0	.53	13	<0.01	<0.02	<0.02	9.1	110	220	<5.0	9.6	
EW-14	08/31/95	<0.02	29	3.0	.64	7.0	.38	7.7	.07	<0.02	<0.02	10	58	160	---	---	
EW-14	09/27/95	---	---	---	---	---	---	---	---	---	---	---	60	140	---	---	
EW-15	07/08/91	<.09	19	6.0	1.1	7.2	.59	6.9	.28	<.06	<.02	17	120	190	---	---	Titred alkalinity also determined in laboratory.
EW-15	01/15/92	<.01	50	9.6	1.0	14	.96	18	.02	<.01	.18	9.5	100	160	<.05	---	
EW-15	04/09/92	.02	11	3.8	1.3	6.2	.31	3.9	.09	<.05	<.09	12	80	140	<.05	---	
EW-15	07/16/92	.10	30	4.8	1.2	5.4	<.01	7.4	.38	<.05	<.01	4.9	120	200	<.05	---	
EW-15	11/06/92	.15	30	6.9	1.3	8.0	1.5	11	.01	<.05	<.02	6.8	170	240	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-16	07/08/91	<0.09	16	5.4	1.4	6.4	0.28	4.8	0.49	<0.06	<0.02	12	100	190	---	---	Titrated alkalinity also determined in laboratory.
EW-16	01/15/92	<.01	21	13	.46	12	.69	12	1.1	<.01	.18	21	34	72	<5.0	---	
EW-16	04/09/92	<.02	8.0	4.7	1.8	6.0	.10	3.2	.68	<.05	<.09	18	53	110	<5.0	---	
EW-16	07/16/92	.07	12	5.3	1.4	4.6	.23	6.3	.46	<.05	<.01	7.0	98	170	<5.0	---	
EW-16	11/06/92	<.20	14	5.3	1.3	4.8	.17	4.8	1.6	<.05	<.02	8.5	65	110	---	---	
EW-17	07/08/91	.16	14	3.0	.80	6.3	.28	4.7	.25	<.06	<.02	10	59	93	---	---	Titrated alkalinity also determined in laboratory.
EW-17	01/15/92	<.01	9.8	5.7	.59	10	.40	12	.06	<.01	.14	23	34	78	<5.0	---	
EW-17	04/09/92	<.02	3.8	2.3	.86	6.1	.09	2.9	<.06	<.05	<.09	12	49	77	<5.0	---	
EW-17	07/16/92	.07	11	2.5	1.0	5.0	.11	3.8	.01	<.05	<.01	9.7	41	75	<5.0	---	
EW-17	11/06/92	.45	15	2.4	.99	6.5	.11	4.5	.07	<.05	.05	6.7	38	85	---	---	
EW-18	07/02/91	.23	20	2.3	3.3	7.1	.42	5.4	<.02	<.06	<.02	5.2	230	250	---	---	
EW-18	01/17/92	<.01	53	3.5	1.3	11	.13	10	<.01	<.01	<.01	14	93	120	<5.0	---	
EW-18	03/18/92	---	---	---	---	---	.10	---	<.06	---	<.09	---	---	---	---	---	
EW-18	04/02/92	.31	41	2.5	.74	6.3	<.08	5.7	<.06	<.05	<.09	.93	120	180	---	---	
EW-18	05/07/92	---	---	---	---	---	.23	---	.01	---	.01	---	120	170	---	---	
EW-18	06/11/92	.30	40	2.6	.70	4.5	.09	4.5	.06	<.05	.05	.50	120	160	---	---	
EW-18	07/08/92	.11	50	3.0	.58	5.0	.08	3.8	.14	<.05	<.01	.95	120	160	<5.0	---	
EW-18	08/12/92	---	---	---	---	---	.35	---	.01	<.05	<.01	---	160	200	---	---	
EW-18	09/03/92	---	---	---	---	---	.16	4.9	<.01	<.05	.04	.23	180	270	---	---	
EW-18	10/06/92	---	---	---	---	---	.44	---	<.01	<.05	.02	---	110	170	---	---	
EW-18	11/05/92	.36	38	2.6	1.2	8.4	.08	6.3	.01	<.05	<.02	.67	83	150	---	---	
EW-18	12/18/92	---	---	---	---	---	---	---	---	---	---	---	100	130	---	---	
EW-18	01/11/93	---	---	---	---	---	.08	6.5	<.01	<.05	<.02	.59	---	---	---	---	
EW-18	02/17/93	---	---	---	---	---	---	---	---	---	---	---	78	130	---	---	
EW-18	03/18/93	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	
EW-18	04/07/93	---	---	---	---	---	---	---	---	---	---	---	88	170	---	---	
EW-18	05/13/93	---	---	---	---	---	---	---	---	---	---	---	90	140	---	---	
EW-18	06/08/93	---	---	---	---	---	---	---	---	---	---	---	66	110	---	---	
EW-18	07/01/93	---	---	---	---	---	---	---	---	---	---	---	110	170	---	---	
EW-18	08/05/93	---	---	---	---	---	---	---	---	---	---	---	91	140	---	---	
EW-18	09/14/93	---	---	---	---	---	---	---	---	---	---	---	150	190	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
EW-18	10/15/93	---	---	---	---	---	---	---	---	---	---	---	130	180	---	---	
EW-18	11/18/93	---	---	---	---	---	---	---	---	---	---	---	110	190	---	---	
EW-18	12/13/93	---	---	---	---	---	---	---	---	---	---	---	120	160	---	---	
EW-18	01/13/94	---	---	---	---	---	---	---	---	---	---	---	43	140	---	---	
EW-18	02/03/94	---	---	---	---	---	---	---	---	---	---	---	86	180	---	---	
EW-18	03/03/94	---	---	---	---	---	---	---	---	---	---	---	94	200	---	---	
EW-18	04/26/94	---	---	---	---	---	---	---	---	---	---	---	140	150	---	---	
EW-18	05/23/94	---	---	---	---	---	---	---	---	---	---	---	53	170	---	---	
EW-18	06/22/94	---	---	---	---	---	---	---	---	---	---	---	140	190	---	---	
EW-18	07/13/94	---	---	---	---	---	---	---	---	---	---	---	100	160	---	---	
EW-18	08/23/94	---	---	---	---	---	---	---	---	---	---	---	110	230	---	---	
EW-18	09/20/94	---	---	---	---	---	---	---	---	---	---	---	100	230	---	---	
EW-18	11/01/94	---	---	---	---	---	---	---	---	---	---	---	87	240	---	---	
EW-18	11/30/94	---	---	---	---	---	---	---	---	---	---	---	160	240	---	---	
EW-18	12/20/94	---	---	---	---	---	---	---	---	---	---	---	120	250	---	---	
EW-18 (R)	12/20/94	---	---	---	---	---	---	---	---	---	---	---	---	260	---	---	
EW-18	01/31/95	---	---	---	---	---	---	---	---	---	---	---	120	220	---	---	
EW-18	02/28/95	---	---	---	---	---	---	---	---	---	---	---	110	200	---	---	
EW-18	03/21/95	---	---	---	---	---	---	---	---	---	---	---	130	210	---	---	
EW-18	04/11/95	---	---	---	---	---	---	---	---	---	---	---	100	190	---	---	
EW-18	05/11/95	---	---	---	---	---	---	---	---	---	---	---	110	220	---	---	
EW-18	06/14/95	---	---	---	---	---	---	---	---	---	---	---	72	200	---	---	
EW-18	08/01/95	---	---	---	---	---	---	---	---	---	---	---	14	29	---	---	
EW-18	08/31/95	---	---	---	---	---	---	---	---	---	---	---	72	200	---	---	
EW-18	09/27/95	---	---	---	---	---	---	---	---	---	---	---	81	180	---	---	
IG-2	05/27/93	---	---	---	---	---	14	320	38	<0.05	<0.02	100	410	370	---	---	
IG-2	06/03/93	---	---	---	---	---	1.2	330	64	<0.05	<0.02	120	470	420	---	---	Bromide-feed pump lost prime.
IG-2	06/08/93	---	---	---	---	---	13	290	54	<0.05	<0.02	110	270	240	---	---	
IG-2	06/24/93	---	---	---	---	---	7.8	360	62	<0.05	<0.02	120	320	290	---	---	
IG-2	06/30/93	<0.09	7.9	7.9	19	600	170	500	87	<0.05	<0.02	160	260	230	---	---	
IG-2	09/14/93	---	---	---	---	---	33	390	69	<0.05	<0.02	130	---	330	---	---	
IG-2	10/13/93	<0.09	9.8	7.0	19	560	20	330	63	<0.05	<0.02	100	430	380	---	---	
IG-2	11/18/93	<0.09	6.6	6.7	22	500	13	390	57	<0.05	<0.02	130	260	240	---	---	
IG-2	12/13/93	---	---	---	---	---	13	360	58	<0.05	.06	110	550	490	---	---	

**Table 6.**--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
IG-2	01/11/94	<0.02	11	1.1	29	560	15	370	45	<0.05	<0.02	130	400	350	---	---	
IG-2	02/03/94	<0.2	7.9	8.0	22	400	12	340	.07	<0.2	<0.2	110	480	420	---	---	
IG-2	04/27/94	<0.2	8.6	8.4	24	390	15	330	63	<0.2	<0.2	120	260	230	---	---	
IG-2	05/23/94	<0.2	10	9.6	24	430	12	260	54	<0.2	<0.2	110	460	410	---	---	
IG-2	06/22/94	<0.2	10	9.6	25	440	13	340	56	<0.2	<0.2	120	560	500	---	---	
IG-2	07/14/94	<0.2	8.4	8.1	21	430	9.0	370	68	<0.2	<0.2	130	430	390	---	---	
IG-2	08/23/94	---	---	---	---	---	9.5	340	60	<0.2	<0.2	110	210	190	---	---	
IG-2	09/20/94	---	---	---	---	---	11	340	63	<0.2	<0.2	120	420	380	---	---	
IG-2	11/03/94	<0.2	11	9.6	23	420	1.3	360	.92	<0.2	<0.2	120	470	430	---	---	
IG-2	11/30/94	---	---	---	---	---	1.3	360	<0.1	<0.2	<0.2	120	---	450	---	---	
IG-2	12/20/94	---	---	---	---	---	1.3	340	<0.1	<0.2	<0.2	110	430	380	---	---	
IG-2 (R)	12/20/94	---	---	---	---	---	1.3	340	<0.1	<0.2	<0.2	110	---	---	---	---	
IG-2	02/01/95	<0.2	9.3	8.7	20	380	1.3	350	<0.1	<0.2	<0.2	110	470	420	---	---	
IG-2	02/28/95	---	---	---	---	---	1.7	340	<0.1	<0.2	<0.2	110	---	410	---	---	
IG-2	03/21/95	---	---	---	---	---	1.3	340	<0.1	<0.2	<0.2	110	620	550	---	---	
IG-2	04/12/95	<0.2	12	9.4	20	380	1.1	330	<0.1	<0.2	<0.2	110	530	470	---	---	
IG-2	05/11/95	<0.2	13	9.8	21	400	1.3	340	<0.1	<0.2	<0.2	120	570	510	---	---	
IG-2	06/14/95	<0.2	11	9.6	21	400	1.2	320	<0.1	<0.2	<0.2	110	670	600	---	---	
IG-2	08/02/95	<0.2	12	10	23	460	1.0	430	<0.1	<0.2	<0.2	150	570	510	---	---	
IG-2	08/31/95	<0.2	12	10	22	430	.87	350	<0.1	<0.2	<0.2	120	460	410	---	---	
IG-2	09/27/95	<0.2	10	9.2	20	420	.59	340	<0.1	<0.2	<0.2	120	480	430	---	---	
MW-04	12/14/90	.13	1.3	.83	.21	5.7	.32	6.0	.19	<0.1	<0.2	<0.2	58	93	---	---	
MW-04	06/27/91	.69	.55	.53	.36	7.8	.42	7.1	<0.2	<0.6	.05	<10	40	130	---	---	
MW-04 (R)	06/27/91	.44	.65	.58	.31	7.7	.36	6.8	<0.2	<0.6	.18	<10	---	78	---	---	
MW-04	01/17/92	.37	1.4	.99	.40	8.6	.17	19	<0.1	<0.1	.29	.13	51	160	<5.0	---	
MW-04	04/02/92	<0.2	.68	.70	.22	.50	.10	2.9	<0.6	<0.5	.12	.22	58	160	---	---	
MW-04	07/08/92	<0.002	8.8	.62	.67	13	.21	3.2	.10	<0.5	.05	.41	55	190	<5.0	---	
MW-04	11/05/92	.22	.99	.17	.35	4.3	.06	4.6	<0.1	<0.5	<0.2	<0.1	36	120	---	---	
MW-04	01/07/93	.16	.56	.54	.30	4.6	.05	4.5	.01	<0.5	<0.2	.12	87	140	---	---	
MW-04	04/06/93	.14	.46	.39	.14	4.9	.07	3.6	.01	<0.5	<0.2	.05	29	99	---	---	
MW-04	06/29/93	.26	.66	.60	.22	4.6	.04	3.6	<0.1	<0.5	<0.2	.94	34	95	---	---	
MW-04	10/14/93	.33	1.7	.59	.30	3.9	.03	2.5	.03	<0.5	<0.2	.34	78	140	---	---	
MW-04	01/12/94	.40	.60	.81	.39	5.2	.12	3.1	.12	<0.5	.92	.24	39	110	---	---	
MW-04	04/26/94	.28	.66	.79	.44	4.1	.05	3.2	<0.1	<0.2	<0.2	.10	75	110	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MW-04	07/13/94	0.23	0.09	0.68	0.32	4.5	0.04	4.2	<0.01	<0.02	<0.02	0.12	27	100	---	---	
MW-04	11/01/94	.23	.84	.71	.40	4.2	.05	4.2	<.01	<.02	<.02	.15	27	130	---	---	
MW-04	01/31/95	.27	.94	.86	.35	3.8	<.02	4.2	<.01	<.02	<.02	.09	43	170	---	---	
MW-04	04/11/95	.23	.98	.84	.24	3.7	<.02	4.0	<.01	<.02	<.02	.31	47	140	---	---	
MW-04	08/01/95	1.0	.77	.81	.29	3.9	<.02	3.0	<.01	<.02	<.02	.51	51	150	---	---	
MW-05	12/14/90	3.1	23	4.1	2.0	9.8	.62	12	.31	<.01	<.02	<.02	140	160	---	---	
MW-05	06/26/91	2.1	18	4.3	1.6	8.2	.42	6.6	<.02	<.06	<.02	<.10	150	260	---	---	
MW-05 (R)	06/26/91	1.3	19	4.9	1.5	8.0	.41	6.6	<.02	<.06	<.02	<.10	---	250	---	---	
MW-05	01/16/92	1.4	28	5.4	2.1	13	1.1	14	.22	<.01	.44	.44	86	220	<.5.0	---	
MW-05	04/01/92	2.9	20	3.4	2.2	9.9	.50	19	.11	<.05	<.09	1.5	210	510	<.5.0	---	
MW-05	07/07/92	2.2	9.6	1.5	1.9	6.0	.22	7.6	.02	<.05	.03	.15	180	370	<.5.0	---	
MW-05	09/30/92	---	---	---	---	---	---	---	---	---	---	.35	---	---	---	---	
MW-05	11/05/92	.92	11	2.1	2.7	4.3	.17	8.2	.01	<.05	<.02	.26	70	150	<.5.0	<.5.0	
MW-05	01/07/93	.74	15	3.4	1.5	5.5	.16	6.7	.18	<.05	<.02	.30	130	160	18	<.5.0	
MW-05	04/06/93	.55	10	1.8	.20	3.9	.15	6.9	<.01	<.05	<.02	.06	130	230	<.5.0	5.7	
MW-05	06/29/93	.94	15	3.2	.98	4.5	.40	4.7	.06	<.05	<.02	.31	78	170	<.5.0	7.9	
MW-05	10/14/93	1.0	18	2.0	1.4	3.7	.20	6.6	<.01	<.05	<.02	.23	120	180	<.5.0	5.2	
MW-05	01/12/94	.90	27	3.4	2.1	5.0	<.02	7.6	<.01	<.05	<.02	1.3	150	170	<.5.0	<.5.0	
MW-05	04/26/94	1.3	14	2.4	1.6	4.3	.25	8.1	<.01	<.02	<.02	.08	47	140	<.5.0	5.9	
MW-05	07/13/94	1.6	21	2.4	3.1	5.1	.22	8.0	.10	<.02	<.02	1.2	120	240	<.5.0	<.5.0	
MW-05	11/01/94	1.9	29	5.9	2.8	7.0	.40	14	.13	<.02	<.02	.15	60	210	<.5.0	33	
MW-05	01/31/95	.98	46	7.6	1.8	8.2	.60	14	<.01	<.02	<.02	.05	130	230	<.5.0	36	
MW-05	04/11/95	1.1	14	3.7	1.4	5.5	.25	11	<.01	<.02	<.02	.10	89	120	<.5.0	12	
MW-05	08/01/95	2.2	16	2.8	2.1	6.1	.30	18	<.01	<.02	<.02	.15	110	270	<.5.0	8.4	
MW-06	12/12/90	<.01	3.5	.90	.29	7.0	.17	8.6	.04	<.01	.12	<.02	8.7	66	---	---	
MW-06	06/25/91	<.09	2.4	.46	.57	8.6	.08	6.4	<.02	<.06	.30	<.10	20	110	---	---	
MW-06	01/16/92	<.01	6.6	1.6	.61	13	.24	18	<.01	<.01	.75	2.4	20	82	<.5.0	---	
MW-06	04/01/92	<.02	2.1	.64	.27	7.0	<.08	6.2	<.06	<.05	.26	2.1	32	85	<.5.0	---	
MW-06	07/08/92	.02	4.9	<.02	.47	12	.04	3.7	.01	<.05	.21	.65	22	110	<.5.0	---	
MW-06	11/05/92	<.20	2.0	.36	.52	6.7	.05	8.9	.01	<.05	<.02	.21	24	82	---	---	
MW-06	04/11/95	.24	5.9	.86	2.3	6.6	.05	11	<.01	<.02	<.02	.52	---	---	---	---	
MW-07	12/13/90	.16	8.5	1.9	.50	7.6	.18	9.6	.08	<.01	.03	7.5	26	71	---	---	

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996—Continued

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MW-07	06/24/91	0.09	7.0	2.0	0.43	8.7	0.35	8.4	<0.02	<0.06	0.09	8.7	24	95	---	---	
MW-07	07/09/92	<.002	19	1.7	.60	4.2	.05	7.2	.03	<.05	.09	2.5	52	120	<5.0	---	
MW-07	11/04/92	.46	5.0	.86	.62	7.1	.03	3.5	<.01	<.05	.02	13	35	60	---	---	
MW-07	01/06/93	---	---	---	---	---	.03	4.3	<.01	<.05	<.02	9.1	27	87	---	---	
MW-07	04/02/93	.40	6.4	1.1	.51	4.6	.03	3.4	.01	<.05	<.02	7.4	31	100	---	---	
MW-07	07/01/93	.56	7.6	1.9	.54	4.4	.02	3.1	<.01	<.05	<.02	11	38	73	---	---	
MW-08	12/12/90	.07	49	3.5	.64	8.7	.12	4.5	<.02	<.01	<.02	<.02	80	120	---	---	
MW-08	06/25/91	.20	23	3.5	.61	8.6	.22	4.7	<.02	<.06	<.02	<.10	120	130	---	---	
MW-08	01/16/92	<.01	74	4.8	.74	15	.46	12	.03	<.01	.17	.45	100	120	<5.0	---	
MW-08	04/01/92	.02	56	2.9	.93	10	.24	4.9	<.06	<.05	<.09	.08	140	150	<5.0	---	
MW-08	07/08/92	.06	63	2.9	.56	7.5	.14	3.8	<.01	<.05	<.01	<.10	120	130	<5.0	---	
MW-08	11/05/92	<.20	64	3.2	.69	7.2	.15	4.8	.04	<.05	<.02	<.01	150	150	---	---	
MW-08	04/11/95	.16	80	5.5	.98	9.1	.33	10	<.01	<.02	<.02	.06	200	220	<5.0	16	
MW-08	08/01/95	.46	77	4.8	.79	8.6	.12	6.4	<.01	<.02	<.02	.04	200	220	<5.0	19	
MW-09	12/12/90	.38	59	7.3	1.6	14	.64	14	<.02	<.01	<.02	4.4	98	170	---	---	
MW-09 (R)	12/12/90	.36	60	7.4	1.5	14	.70	16	<.02	<.01	<.02	4.5	---	180	---	---	
MW-09	06/26/91	.22	28	6.1	1.5	10	.79	9.2	<.02	<.06	<.02	7.4	380	460	---	---	
MW-09	01/16/92	.13	91	10	1.5	28	1.5	57	.02	<.01	.15	16	230	230	<5.0	---	
MW-09	04/01/92	.07	68	6.3	1.6	17	.61	17	<.06	<.05	<.09	5.7	190	220	---	---	
MW-09	07/08/92	.10	84	6.7	1.4	12	.56	7.2	<.01	<.05	.02	5.6	190	210	<5.0	---	
MW-09	11/05/92	<.20	92	6.6	1.4	14	.77	14	.01	<.05	<.02	7.6	220	220	---	---	
MW-11	06/24/91	<.09	19	1.5	.72	3.3	<.02	4.1	19	<.06	<.02	17	27	85	---	---	
MW-11	10/09/91	.30	19	.85	2.3	2.2	<.20	4.0	3.0	<.09	.04	7.9	60	170	---	---	
MW-11	07/09/92	<.002	22	.32	1.0	2.1	<.01	2.9	12	<.05	.03	18	30	190	<5.0	---	
MW-11	11/04/92	<.20	19	.79	.95	1.9	.04	2.1	2.0	<.05	<.02	1.5	44	150	---	---	
MW-11A	12/13/90	.29	8.6	2.4	.41	2.4	.02	3.6	<.02	<.01	<.02	7.9	41	64	---	---	
MW-11A	06/24/91	.14	3.8	1.8	.36	3.9	<.02	4.1	<.02	<.06	<.02	11	28	56	---	---	
MW-11A	07/09/92	.11	3.4	1.7	.31	2.5	.03	3.0	.65	<.05	.02	6.6	30	53	<5.0	---	
MW-11A	11/04/92	.31	3.4	2.0	.47	2.2	.05	3.6	.11	<.05	<.02	9.0	29	56	---	---	
MW-11A	01/06/93	---	---	---	---	---	.04	3.6	.01	<.05	<.02	6.5	55	100	---	---	
MW-11A	04/02/93	.18	1.5	.76	.24	4.5	.06	3.2	.04	<.05	<.02	3.7	32	120	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MW-11A	06/30/93	0.59	3.5	1.7	0.62	4.2	0.10	3.4	<0.01	<0.05	<0.02	2.9	29	74	---	---	
MW-11A	10/13/93	.33	2.8	1.4	.40	2.8	.04	2.2	.06	<0.05	<0.02	2.2	31	66	---	---	
MW-11A	01/11/94	.42	4.4	1.8	.53	3.6	<0.02	2.9	<0.01	<0.05	<0.02	5.2	34	55	---	---	
MW-11A	04/27/94	.30	3.4	2.0	.57	2.8	.06	2.6	.08	<0.02	<0.02	4.2	51	85	---	---	
MW-11A	07/14/94	---	---	---	---	---	---	---	---	---	---	---	34	73	---	---	
MW-11A	11/02/94	---	---	---	---	---	---	---	---	---	---	---	25	74	---	---	
MW-11A	02/01/95	---	---	---	---	---	---	---	---	---	---	---	42	97	---	---	
MW-11A	04/12/95	---	---	---	---	---	---	---	---	---	---	---	23	43	---	---	
MW-11A	08/02/95	---	---	---	---	---	---	---	---	---	---	---	28	74	---	---	
MW-12	12/13/90	.06	1.3	1.2	.44	5.1	.62	2.0	.03	<0.01	<0.02	.92	11	130	---	---	
MW-12	06/24/91	<.09	.94	.82	.16	9.4	.32	4.9	<0.02	<0.06	.50	<.10	15	130	---	---	
MW-12	01/15/92	<.01	1.4	1.6	.31	10	.89	12	.02	<0.01	2.1	.98	18	180	11	---	
MW-12	04/07/92	<.02	1.2	.83	.29	5.4	.33	8.0	<0.06	<0.05	.67	.95	25	200	14	---	
MW-12	06/10/92	8.1	1.8	.70	.50	3.4	.35	4.7	<0.03	<0.05	.62	.50	33	190	12	---	
MW-12	07/15/92	<.002	<.04	.58	.40	3.8	.30	4.4	<0.01	<0.05	.39	.15	30	200	7.7	---	
MW-12	11/03/92	<.20	.95	.90	.40	4.1	.25	4.3	<0.01	<0.05	.20	<.01	26	160	11	5.2	
MW-12	01/06/93	.01	.85	.76	.38	4.5	.23	4.7	.01	<0.05	<0.02	.20	24	130	9.8	7.7	
MW-12	04/02/93	.03	.96	.74	.22	6.9	.94	4.8	.01	<0.05	<0.02	.27	12	130	11	6.7	
MW-12	06/30/93	<.09	1.1	1.1	.26	4.6	.33	4.1	<0.01	<0.05	<0.02	1.2	49	230	10	6.3	
MW-12	08/05/93	<.09	1.2	1.2	.28	4.9	.27	4.2	<0.01	<0.05	<0.02	.16	26	180	---	7.1	
MW-12	10/13/93	<.09	1.0	.97	.31	4.4	.23	4.4	.01	<0.05	<0.02	.33	62	240	9.9	<5.0	
MW-12	01/11/94	.35	1.5	1.7	.54	6.7	.25	5.8	<0.01	<0.05	<0.02	.74	33	220	11	8.6	
MW-12	04/26/94	<.02	1.0	1.2	.52	4.4	.26	5.7	<0.01	<0.02	<0.02	.23	33	180	8.4	7.1	
MW-12	07/14/94	<.02	1.8	1.2	.51	5.2	.30	6.8	.11	<0.02	<0.02	1.2	30	160	8.9	11	
MW-12	11/02/94	<.02	1.4	1.1	.41	5.0	.05	3.8	<0.01	<0.02	<0.02	.53	30	160	7.8	11	
MW-12	02/01/95	<.02	1.2	.98	.25	4.0	.26	5.1	<0.01	<0.02	<0.02	.24	17	150	9.6	11	
MW-12	04/11/95	<.02	1.2	.95	.28	3.9	.20	5.0	<0.01	<0.02	<0.02	.47	29	150	7.5	8.2	
MW-12	08/01/95	<.02	13	2.0	3.1	340	1.1	370	<0.01	<0.02	<0.02	21	410	520	<5.0	<5.0	
MW-12A	12/13/90	.77	4.3	1.0	.77	3.1	.03	5.0	<0.02	<0.01	.34	.15	18	92	---	---	
MW-12A (R)	12/13/90	.93	4.3	1.1	.88	3.4	.06	10	<0.02	<0.01	<0.02	.11	---	78	---	---	
MW-12A	06/24/91	<.09	1.5	.58	.38	6.0	.09	4.6	<0.02	<0.06	.07	<.10	27	120	---	---	
MW-12A	01/15/92	.40	7.5	2.2	.82	8.9	.58	13	.02	<0.01	.59	.65	29	120	20	---	
MW-12A	04/07/92	.82	9.9	1.5	.97	5.3	.19	25	<0.06	<0.05	.31	6.4	77	280	9.7	---	



**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MW-12A	06/10/92	1.6	8.7	1.2	1.1	4.6	0.45	9.2	<0.03	<0.05	0.13	0.20	91	290	17	---	---
MW-12A	07/15/92	.44	9.0	1.6	.77	7.6	.26	36	<.01	<.05	.23	.29	55	250	12	---	---
MW-12A	11/03/92	.54	3.3	.53	.70	3.5	.05	2.5	<.01	<.05	.10	.83	23	85	8.1	7.0	---
MW-12A	01/06/93	.47	4.7	.24	.92	3.1	.09	3.2	<.01	<.05	<.02	.18	37	120	30	5.1	---
MW-12A	04/02/93	.54	4.3	.81	.53	4.4	.07	4.2	.07	<.05	<.02	.38	40	180	16	<5.0	---
MW-12A	06/30/93	5.2	46	6.5	3.3	160	4.6	310	<.01	<.05	<.02	.18	120	350	<5.0	<5.0	---
MW-12A	08/05/93	3.1	23	2.9	1.9	76	2.2	150	<.01	<.05	<.02	.16	53	180	---	<5.0	---
MW-12A	10/13/93	1.7	7.3	1.4	1.8	61	1.3	63	.09	<.05	<.02	1.7	150	280	5.6	<5.0	---
MW-12A	01/11/94	<.02	10	2.1	1.7	340	11	310	<.01	<.05	<.02	11	260	460	<5.0	<5.0	---
MW-12A	04/26/94	<.02	8.2	1.9	3.5	240	11	160	<.01	<.02	<.02	8.8	250	420	<5.0	<5.0	---
MW-12A	07/14/94	<.02	17	2.8	3.7	300	10	140	<.01	<.02	<.02	35	310	450	<5.0	<5.0	---
MW-12A	11/02/94	<.02	3.8	.54	1.2	62	.22	5.8	.14	<.02	<.02	.75	110	140	<5.0	<5.0	---
MW-12A	02/01/95	<.02	6.7	1.0	1.4	120	1.2	110	<.01	<.02	<.02	6.6	210	290	<5.0	<5.0	---
MW-12A	04/11/95	<.02	10	1.7	2.2	170	.93	160	<.01	<.02	<.02	14	210	290	<5.0	<5.0	---
MW-12A	08/01/95	<.02	1.4	1.0	.27	3.9	.09	8.0	<.01	<.02	<.02	.27	23	140	9.2	6.7	---
MW-12A	11/03/95	---	---	---	---	---	.63	140	<.01	<.02	<.02	4.5	---	---	---	---	---
MW-15	12/12/90	<.01	11	3.0	1.5	10	<.02	3.5	2.5	<.01	<.02	23	9.7	43	---	---	---
MW-15	06/26/91	<.09	11	3.3	2.1	9.0	.33	8.4	14	<.06	<.02	24	9.3	76	---	---	---
MW-15	01/16/92	<.01	14	3.5	1.6	21	.11	48	1.3	<.01	<.01	77	7.1	73	<5.0	---	---
MW-15	04/01/92	<.02	7.1	2.1	2.0	9.1	1.4	11	<.06	<.05	<.09	22	12	59	---	---	---
MW-15	07/08/92	<.002	8.9	1.4	2.0	6.1	.04	7.0	.26	<.05	<.01	23	15	95	<5.0	---	---
MW-15	11/05/92	<.20	12	2.5	1.2	9.0	.20	14	2.1	<.05	<.02	26	35	96	---	---	---
MW-16	12/14/90	.18	14	2.0	1.1	7.2	.18	3.5	.14	<.01	<.02	9.3	7.2	29	---	---	---
MW-16	06/21/91	<.09	10	2.0	1.0	6.6	<.02	4.3	<.02	<.06	<.02	7.4	19	31	---	---	---
MW-16	01/15/92	.78	44	8.5	2.0	19	.57	130	.02	<.01	.26	42	40	64	<5.0	---	---
MW-16	04/07/92	.12	16	2.5	1.3	15	.11	17	<.06	<.05	<.09	3.7	70	90	<5.0	---	---
MW-16	07/10/92	.29	19	1.6	1.6	5.2	.06	6.1	<.01	<.05	.02	6.8	49	76	<5.0	---	---
MW-16	11/04/92	.58	11	1.7	1.7	11	.05	5.4	.01	<.05	<.02	2.3	35	54	<5.0	<5.0	---
MW-16	01/06/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	---
MW-16	04/02/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	---
MW-16	06/30/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	---
MW-17	12/13/90	.10	9.0	1.4	.86	3.5	.22	2.7	.12	<.01	<.02	13	1.9	61	---	---	---

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MW-17	06/21/91	<0.09	6.9	1.3	0.89	6.7	0.55	5.5	0.12	<0.06	0.03	8.4	4.0	75	---	---	
MW-17	01/14/92	<0.1	7.2	1.8	.47	6.1	.60	14	.03	<.01	1.7	21	5.3	49	<5.0	---	
MW-17	04/07/92	.02	4.3	.52	.45	6.5	.18	4.9	<.06	<.05	.47	8.4	12	130	<5.0	---	
MW-17	07/15/92	.05	6.2	.32	.68	3.6	.30	3.3	<.01	<.05	1.1	9.5	16	110	<5.0	---	
MW-17	11/03/92	<.20	7.3	1.1	.51	3.4	.18	4.7	<.01	<.05	.06	12	24	180	<5.0	<5.0	
MW-17	01/05/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
MW-17	04/01/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
MW-17	06/28/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
MW-19	06/25/91	.18	15	2.9	.53	8.6	.43	5.6	.25	<.06	<.02	7.1	74	160	---	---	
MW-19	07/08/92	<.002	66	2.7	.91	5.0	.06	4.9	.49	<.05	<.01	10	140	200	<5.0	---	
MW-19	11/06/92	<.20	39	2.4	.59	7.7	.34	5.2	.07	<.05	<.02	11	160	270	---	---	
MWGS-05A	12/14/90	.87	51	13	1.8	12	.85	9.7	<.02	<.01	<.02	.16	92	160	---	---	
MWGS-05A	06/26/91	1.5	24	6.1	1.8	9.5	.89	7.2	<.02	<.06	<.02	<.10	280	370	---	---	
MWGS-05A	01/16/92	.61	68	12	2.2	19	1.4	48	.11	<.01	.25	.88	110	160	<5.0	---	
MWGS-05A	04/01/92	1.0	65	7.4	2.1	13	.77	15	<.06	<.05	<.09	.29	260	370	<5.0	---	
MWGS-05A	07/07/92	.92	91	8.3	2.3	10	.54	13	.08	<.05	.03	.14	290	350	<5.0	---	
MWGS-05A	09/30/92	---	---	---	---	---	---	---	---	---	---	<.10	---	---	---	---	
MWGS-05A	11/05/92	1.5	77	6.6	2.0	9.9	1.3	10	.12	<.05	<.02	.20	220	340	<5.0	25	
MWGS-05A	01/07/93	3.3	60	4.7	7.8	9.1	.39	9.2	2.6	<.05	.02	2.6	140	200	18	9.8	
MWGS-05A	04/06/93	.78	67	6.6	1.3	16	.67	12	.01	<.05	<.02	.07	220	260	<5.0	39	
MWGS-05A	06/29/93	6.0	93	11	2.8	13	.76	13	<.01	<.05	<.02	.59	170	220	<5.0	36	
MWGS-05A	10/14/93	1.6	86	9.6	1.8	13	.58	12	<.01	<.05	<.02	.15	220	260	<5.0	40	
MWGS-05A	01/12/94	1.1	57	8.5	2.2	10	.55	9.3	<.01	<.05	<.02	.74	190	210	<5.0	42	
MWGS-05A	04/26/94	.95	69	8.7	1.9	9.8	.64	12	<.01	<.02	<.02	.19	160	250	<5.0	42	
MWGS-05A	07/13/94	.64	79	9.9	2.1	10	.59	14	<.01	<.02	<.02	.04	220	260	<5.0	6.2	
MWGS-05A	11/01/94	.53	43	4.5	1.2	9.5	1.3	15	.07	<.02	<.02	.19	120	280	<5.0	43	
MWGS-05A	01/31/95	.89	79	9.7	2.6	12	.81	16	<.01	<.02	<.02	.41	330	350	<5.0	44	
MWGS-05A	04/11/95	1.1	78	9.5	2.4	12	.81	16	<.01	<.02	<.02	.49	130	170	<5.0	52	
MWGS-05A	08/01/95	3.1	81	11	3.1	12	.53	18	<.01	<.02	<.02	.04	250	290	<5.0	43	
MWGS-20	12/12/90	<.01	17	12	1.4	6.4	.29	5.6	<.02	<.01	<.02	6.7	20	77	---	---	
MWGS-20	06/21/91	<.09	20	9.0	1.4	8.7	.87	6.8	<.02	<.06	<.02	7.6	110	270	---	---	
MWGS-20	01/14/92	.39	9.9	8.7	1.3	7.8	.66	12	.02	<.01	.28	31	56	100	41	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-20	04/07/92	0.12	9.1	5.6	1.3	6.2	0.22	4.9	0.09	<0.05	<0.09	15	59	130	<5.0	---	
MWGS-20	04/24/92	---	---	---	---	---	.14	3.6	.33	<0.05	<0.09	18	---	---	---	---	
MWGS-20	07/15/92	.10	18	11	1.2	6.1	.35	6.1	.11	<0.05	.05	9.9	62	140	<5.0	---	
MWGS-20	11/04/92	.19	16	10	1.0	4.8	.21	5.1	.03	<0.05	<0.02	12	50	130	<5.0	7.5	
MWGS-20	01/06/93	---	---	---	---	---	.22	5.4	.04	<0.05	<0.02	11	54	120	<5.0	<5.0	
MWGS-20	04/02/93	.15	9.1	5.7	.92	4.5	.27	4.2	.09	<0.05	<0.02	16	34	90	<5.0	9.0	
MWGS-20	06/30/93	.25	10	5.9	1.1	4.4	.22	3.9	<.01	<0.05	<0.02	6.1	32	120	<5.0	6.1	
MWGS-20	10/13/93	.24	11	6.1	1.0	4.3	.18	3.6	.01	<0.05	<0.02	7.8	63	140	<5.0	<5.0	
MWGS-20	01/11/94	.37	11	6.9	1.9	4.3	.18	5.4	.12	<0.05	<0.02	20	45	78	<5.0	<5.0	
MWGS-20	04/26/94	.26	9.4	5.9	1.6	3.1	.14	3.4	.13	<0.02	<0.02	24	25	88	<5.0	<5.0	
MWGS-20	07/12/94	.18	20	12	1.7	5.8	.20	6.2	.03	<0.02	<0.02	12	53	140	<5.0	8.5	
MWGS-20	11/02/94	<.02	4.9	2.9	1.1	29	.41	29	.15	<0.02	<0.02	30	88	170	<5.0	<5.0	
MWGS-20	02/01/95	<.02	16	6.8	1.4	14	.21	14	.09	<0.02	<0.02	26	43	140	<5.0	5.5	
MWGS-20	04/12/95	<.02	19	9.1	1.2	8.4	.17	6.1	.09	<0.02	<0.02	16	26	86	<5.0	11	
MWGS-20	07/31/95	.53	11	5.0	1.4	3.8	.07	4.0	.04	<0.02	<0.02	14	11	78	<5.0	<5.0	
MWGS-21	12/12/90	<.01	2.8	1.4	1.2	6.6	<.02	3.0	1.3	<.01	<.02	11	3.7	38	---	---	
MWGS-21	06/21/91	<.09	2.3	1.6	.69	8.4	.09	4.6	.08	<.06	.03	9.1	14	68	---	---	
MWGS-21	01/14/92	<.01	1.9	1.3	.85	9.0	.28	12	.87	<.01	.22	35	8.0	36	<5.0	---	
MWGS-21	04/07/92	.07	1.9	1.0	.81	4.6	<.08	3.2	.20	<.05	<.09	15	10	59	<5.0	---	
MWGS-21	07/15/92	.08	<.04	.49	.96	4.4	.06	4.0	.19	<.05	<.01	16	15	76	<5.0	---	
MWGS-21	11/04/92	<.20	1.0	.92	.72	3.4	.07	4.1	.23	<.05	<.02	14	11	37	<5.0	<5.0	
MWGS-21	01/06/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
MWGS-21	04/02/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
MWGS-21	06/30/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
MWGS-22	12/14/90	.20	52	1.8	.76	9.5	.39	5.7	.24	<.01	<.02	1.1	130	150	---	---	
MWGS-22 (R)	12/14/90	.33	52	1.8	.74	8.2	.04	6.2	<.02	<.01	<.02	.05	---	170	---	---	
MWGS-22	06/25/91	.33	4.5	.57	1.2	4.7	.35	5.0	<.02	<.06	.25	<.10	42	100	---	---	
MWGS-22 (R)	06/25/91	.29	4.2	.54	.72	5.1	.13	4.9	<.02	<.06	.27	<.10	---	92	---	---	
MWGS-22	01/17/92	.23	17	1.3	1.2	12	.19	14	.02	<.01	1.1	1.8	58	150	<5.0	---	
MWGS-22	04/02/92	.50	11	1.1	.86	10	.11	11	<.06	<.05	.26	.62	110	250	---	---	
MWGS-22	07/08/92	.04	8.8	1.1	.84	6.9	.05	6.3	.04	<.05	.18	.67	100	260	<5.0	---	
MWGS-22	11/05/92	.43	8.7	.47	.89	5.8	.04	6.4	<.01	<.05	.15	<.01	51	140	<5.0	<5.0	
MWGS-22	01/07/93	.45	7.6	7.1	1.1	6.7	.04	6.7	<.01	<.05	.12	.19	140	210	14	<5.0	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-22	04/06/93	0.46	5.6	0.30	0.58	4.7	0.06	5.6	0.01	<0.05	<0.02	0.14	50	160	<5.0	<5.0	
MWGS-22	06/29/93	.87	11	.80	.87	4.5	.06	5.5	<.01	<.05	<.02	.52	64	150	<5.0	<5.0	
MWGS-22	10/14/93	.94	12	.85	.98	5.3	.05	7.7	.06	<.05	<.02	.24	68	130	---	---	
MWGS-22	01/12/94	1.1	8.9	1.2	1.5	7.0	<.02	9.4	<.01	<.05	<.02	.74	51	170	---	---	
MWGS-22	04/26/94	.93	6.5	.76	1.3	4.9	.07	8.5	<.01	<.02	<.02	.15	52	190	---	---	
MWGS-22	07/13/94	.74	5.9	.71	1.3	6.5	.03	12	<.01	<.02	<.02	.61	15	120	---	---	
MWGS-22	11/01/94	.69	6.9	.63	.94	3.6	.03	13	<.01	<.02	<.02	.21	19	160	---	---	
MWGS-22	01/31/95	.64	15	1.1	1.1	5.0	.05	9.7	<.01	<.02	<.02	.46	72	280	---	---	
MWGS-22	04/11/95	.61	21	1.2	1.0	6.0	.05	8.2	<.01	<.02	<.02	1.5	63	220	---	---	
MWGS-22	08/01/95	1.9	14	.56	.74	5.1	<.02	5.5	<.01	<.02	<.02	.65	47	160	---	---	
MWGS-23C	06/19/91	<.09	16	2.8	.56	2.4	<.02	3.6	<.02	<.06	.08	<.10	48	81	---	---	Samples degassing.
MWGS-23D	06/19/91	<.09	21	2.0	.78	3.5	<.02	3.9	<.02	<.06	<.02	20	52	65	---	---	Samples degassing.
MWGS-23E	06/19/91	<.09	23	2.5	.78	5.5	.07	3.8	<.02	<.06	<.02	21	110	160	---	---	Samples degassing.
MWGS-24C	06/18/91	<.09	5.0	2.0	.56	1.3	.25	3.6	<.02	<.06	.04	<.10	7.6	27	---	---	
MWGS-24D	06/18/91	<.09	2.0	1.3	.77	1.4	<.02	3.8	<.02	<.06	.15	20	2.3	14	---	---	
MWGS-24E	06/18/91	<.09	18	5.3	.98	7.6	.23	4.7	<.02	<.06	<.02	7.5	29	54	---	---	Samples degassing.
MWGS-25B	06/19/91	.26	4.1	1.5	.47	1.2	<.02	3.8	<.02	<.06	.08	13	17	100	---	---	
MWGS-25C	06/19/91	<.09	.91	.63	.37	7.4	.39	5.5	<.02	<.06	.07	.24	7.5	150	---	---	Samples degassing.
MWGS-25D	06/19/91	<.09	2.7	2.4	.06	7.9	.99	6.0	.02	<.06	.49	<.10	34	240	---	---	
MWGS-26B	06/19/91	.97	20	1.9	1.1	6.1	.69	6.4	<.02	<.06	<.02	<.10	160	340	---	---	Samples degassing.
MWGS-26C	06/19/91	<.09	18	.95	.41	7.4	.44	5.3	<.02	<.06	<.02	.35	110	210	---	---	
MWGS-26D	06/19/91	<.09	8.4	2.1	.37	8.6	.99	6.4	<.02	<.06	1.0	<.10	56	210	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-26E	06/19/91	<0.09	15	6.7	1.1	10	1.6	8.7	<0.02	<0.06	0.71	0.73	120	380	---	---	Samples degassing.
MWGS-27A	10/10/91	1.7	28	1.1	2.5	2.6	.41	5.5	<.12	<.09	.44	.34	130	350	---	---	
MWGS-27A	07/09/92	.07	14	.75	1.4	1.8	.02	3.2	.78	<.05	<.01	5.8	50	260	---	---	
MWGS-27A	11/04/92	<.20	20	.96	.86	2.9	.07	4.2	.15	<.05	<.02	3.3	78	170	---	---	
MWGS-27B	10/10/91	.74	4.2	4.3	.90	19	.32	10	<.12	<.09	.23	.61	85	330	---	---	
MWGS-27C	10/10/91	.54	2.9	2.0	3.7	6.3	.38	4.6	.15	<.09	<.19	3.1	33	81	---	---	
MWGS-27C	07/09/92	.11	2.1	1.2	.81	1.6	.02	2.6	.04	<.05	.01	10	39	42	<5.0	---	
MWGS-27C	10/13/93	.26	3.5	2.0	1.7	3.7	.04	2.3	<.01	<.05	<.02	.65	---	---	---	---	
MWGS-28A	10/09/91	4.9	15	.43	2.5	2.1	<.20	4.4	<.12	<.09	<.19	1.5	38	95	---	---	
MWGS-28A	07/09/92	.07	24	.78	.83	2.4	<.01	2.5	.27	<.05	<.01	40	57	190	<5.0	---	
MWGS-28A	11/04/92	.82	18	.81	1.1	1.9	.14	2.6	.03	<.05	<.02	3.8	57	180	---	---	
MWGS-28B	10/09/91	.14	4.1	2.1	.55	2.3	.22	4.7	<.12	<.09	<.19	.22	40	140	---	---	
MWGS-28B	07/09/92	.02	5.2	2.1	.46	3.7	.07	5.5	.02	<.05	.08	<.10	50	160	<5.0	---	
MWGS-28B	11/04/92	<.20	5.0	3.0	.47	5.0	.07	4.9	.01	<.05	.03	<.01	56	170	---	---	
MWGS-28B	01/06/93	---	---	---	---	---	.05	3.7	<.01	<.05	<.02	.04	41	160	---	---	
MWGS-28B	06/30/93	<.09	4.2	2.0	.35	5.4	.22	4.0	.03	<.05	<.02	1.1	39	180	---	---	
MWGS-28B	10/13/93	<.09	2.7	1.3	.22	2.6	.04	1.9	<.01	<.05	<.02	.10	58	160	---	---	
MWGS-28B	01/11/94	---	---	---	---	---	---	---	---	---	---	---	50	120	---	---	
MWGS-28B	04/27/94	---	---	---	---	---	---	---	---	---	---	---	91	270	---	---	
MWGS-28C	10/09/91	2.8	29	1.2	3.1	2.6	.31	5.6	<.12	<.09	<.19	.46	61	170	---	---	
MWGS-28C	07/09/92	<.002	26	1.7	1.8	2.5	<.01	2.7	.12	<.05	<.01	.55	34	99	---	---	
MWGS-28C	11/04/92	.23	36	1.7	1.7	4.9	.11	4.1	.03	<.05	<.02	1.7	88	170	---	---	
MWGS-28D	10/13/93	1.5	18	4.4	1.9	5.0	.06	3.0	.01	<.05	<.02	.19	---	---	---	---	
MWGS-29A	10/11/91	<.04	3.0	.83	1.4	4.9	.24	3.3	<.12	<.09	<.19	.85	20	110	---	---	
MWGS-29A (R)	10/11/91	<.04	3.1	.90	1.1	4.8	<.16	3.4	<.12	<.09	<.19	.84	---	140	---	---	
MWGS-29B	10/11/91	.27	5.6	3.0	2.2	1.2	<.20	2.1	<.12	<.09	<.19	.22	15	61	---	---	

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-29B	07/09/92	0.13	8.9	1.8	1.2	1.7	0.03	2.4	0.02	<0.05	0.05	7.1	28	67	<5.0	---	---
MWGS-29B	11/04/92	<20	5.1	3.4	1.4	2.0	.02	2.4	.01	<0.05	.09	8.9	34	89	---	---	---
MWGS-30A	10/10/91	<.04	.26	.35	.84	5.0	.38	7.3	<.12	<.09	<.19	.39	19	160	---	---	---
MWGS-30B	10/10/91	<.04	2.8	3.0	2.7	1.5	<.20	2.4	<.12	<.09	<.19	25	7.8	32	---	---	---
MWGS-30B	07/09/92	.03	3.2	2.0	1.4	2.7	.02	2.9	.06	<.05	.02	20	14	51	<5.0	---	---
MWGS-30B	11/04/92	.20	3.9	4.3	1.4	1.9	.03	2.6	.01	<.05	.04	20	17	71	---	---	---
MWGS-31A	01/14/92	.07	14	2.7	.40	17	.56	13	.04	<.01	2.0	30	5.6	85	<5.0	<9.0	---
MWGS-31A	04/08/92	.05	3.7	1.2	.57	4.1	.14	4.5	.08	<.05	.22	15	9.0	94	<5.0	---	---
MWGS-31A	04/24/92	---	---	---	---	---	.26	5.7	.36	<.05	.74	16	---	---	---	---	---
MWGS-31A	07/13/92	<.002	5.1	1.2	.58	3.8	.19	4.1	.64	<.05	.13	13	8.4	110	<5.0	---	---
MWGS-31A	09/02/92	---	---	---	---	---	<.02	4.4	1.2	<.05	<.02	12	23	32	<5.0	---	---
MWGS-31A	09/15/92	---	---	---	---	---	---	3.6	---	---	---	11	---	---	---	---	---
MWGS-31A	11/03/92	<.20	5.0	.61	.49	2.6	.13	3.9	1.5	<.05	<.02	13	19	64	<5.0	<5.0	---
MWGS-31A	01/05/93	<.04	4.0	.65	.48	3.3	.18	6.2	.67	<.05	<.02	9.1	15	97	<5.0	<5.0	---
MWGS-31A (R)	01/05/93	<.04	3.5	.65	.46	3.3	.22	6.3	.48	<.05	<.02	5.8	---	120	---	---	---
MWGS-31A	04/01/93	.05	5.4	.82	.54	5.2	.20	3.6	1.5	<.05	<.02	12	8.6	85	<5.0	<5.0	---
MWGS-31A (R)	04/01/93	.11	5.7	.79	.45	4.1	.14	3.8	1.6	<.05	<.02	13	---	65	---	---	---
MWGS-31A	06/28/93	<.09	6.1	1.8	.79	4.1	.26	3.9	.18	<.05	.21	18	16	120	<5.0	<5.0	---
MWGS-31A (R)	06/28/93	<.09	6.5	1.5	.35	4.4	.35	3.8	.20	<.05	.06	18	---	150	---	---	---
MWGS-31A	08/05/93	<.09	19	3.6	1.2	68	.62	80	.14	<.05	<.02	84	9.0	150	---	---	---
MWGS-31A	10/12/93	.26	5.8	.88	.41	3.8	.23	4.6	.34	<.05	<.02	8.4	31	190	<5.0	<5.0	---
MWGS-31A	01/10/94	<.02	7.5	.94	.66	4.4	.21	5.8	.97	<.05	<.02	7.3	16	130	<5.0	15	---
MWGS-31A	04/25/94	.08	3.5	1.4	.59	3.1	.44	6.1	.07	<.02	<.02	3.5	17	140	22	<5.0	---
MWGS-31A	07/11/94	<.02	6.5	1.1	.58	4.8	.16	5.6	.91	<.02	<.02	11	7.1	78	<5.0	<5.0	---
MWGS-31A	10/31/94	<.02	7.5	.52	.41	2.2	.20	1.8	5.6	<.02	<.02	20	17	70	<5.0	<5.0	---
MWGS-31A	01/30/95	<.02	8.2	1.3	.42	2.2	.09	4.0	1.9	<.02	<.02	19	10	140	<5.0	<5.0	---
MWGS-31A	04/10/95	<.02	9.9	1.1	.43	2.0	.08	3.8	2.4	<.02	<.02	19	3.7	30	7.2	<5.0	---
MWGS-31A	07/31/95	.22	4.2	1.2	.40	3.0	.11	4.7	<.01	<.02	<.02	9.4	14	160	<5.0	<5.0	---
MWGS-31B	01/14/92	<.01	80	46	1.5	33	<.01	120	<.01	<.01	1.7	1.8	29	260	<5.0	360	---
MWGS-31B	04/08/92	<.02	42	22	1.2	17	<.08	29	1.1	<.05	.41	.83	130	580	<5.0	---	---
MWGS-31B	04/24/92	---	---	---	---	---	1.3	32	.07	<.05	.19	2.3	---	---	---	---	---

**Table 6.** Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate I)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-31B	07/13/92	<0.002	62	30	1.4	15	<0.01	35	1.1	<0.05	0.11	0.56	140	430	<5.0	---	---
MWGS-31B	09/02/92	---	---	---	---	---	3.8	37	<0.1	<0.05	<0.2	.10	110	430	<5.0	---	---
MWGS-31B	09/15/92	---	---	---	---	---	---	33	---	---	---	<.10	---	---	---	---	---
MWGS-31B	11/03/92	<.20	59	36	.96	22	1.9	39	<.01	<.05	<.02	<.01	180	520	<.05	490	---
MWGS-31B (R)	11/03/92	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	380	---
MWGS-31B	01/05/93	<.04	53	36	1.5	22	1.2	32	<.01	<.05	<.02	.11	140	410	<.05	400	---
MWGS-31B (R)	01/05/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	430	---
MWGS-31B	04/01/93	<.02	47	27	1.2	28	1.3	28	.17	<.05	<.02	1.4	180	530	<.05	440	---
MWGS-31B (R)	04/01/93	<.02	47	27	1.2	28	1.6	27	.09	<.05	<.02	.90	---	470	14	470	---
MWGS-31B	06/28/93	<.09	50	30	1.1	21	2.0	27	.10	<.05	<.02	.88	150	420	5.1	380	---
MWGS-31B (R)	06/28/93	<.09	51	30	.91	21	2.0	27	.02	<.05	<.02	.21	---	430	<.05	390	---
MWGS-31B	08/05/93	<.09	46	27	.83	20	1.2	2.2	.04	<.05	<.02	.15	150	500	---	780	---
MWGS-31B	10/12/93	<.09	39	22	.68	19	1.3	21	<.01	<.05	<.02	.46	160	410	5.2	370	---
MWGS-31B (R)	10/12/93	---	---	---	---	---	---	---	---	---	---	---	---	---	5.6	360	---
MWGS-31B	01/10/94	.49	37	24	1.3	18	<.02	18	1.1	<.05	<.02	.34	190	450	<.05	430	---
MWGS-31B (R)	01/10/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	470	---
MWGS-31B	04/25/94	<.02	28	19	1.0	17	1.1	14	<.01	<.02	<.02	.11	150	490	28	150	---
MWGS-31B (R)	04/25/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	340	---
MWGS-31B	07/11/94	<.02	31	18	.97	16	1.1	15	<.01	<.02	<.02	.19	170	430	<.05	330	---
MWGS-31B	10/31/94	<.02	19	10	.61	10	1.1	11	<.01	<.02	<.02	.14	150	490	<.05	320	---
MWGS-31B (R)	10/31/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	18	---
MWGS-31B	01/30/95	<.02	20	11	.67	12	.86	15	.06	<.02	<.02	.43	190	470	<.05	210	---
MWGS-31B	01/30/95	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	190	---
MWGS-31B	04/10/95	<.02	17	9.9	.57	11	.70	14	.06	<.02	<.02	.22	97	310	<.05	190	---
MWGS-31B (R)	04/10/95	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	140	---
MWGS-31B	07/31/95	<.02	22	13	.58	13	<.02	18	.43	<.02	<.02	.11	150	400	<.05	170	---
MWGS-31B (R)	07/31/95	---	---	---	---	---	---	---	---	---	---	---	---	---	<.05	170	---
MWGS-31B	11/03/95	---	---	---	---	---	.52	13	<.01	<.02	<.02	.12	---	---	---	---	---
MWGS-32A	01/14/92	.97	25	2.6	.89	13	1.4	59	.02	<.01	2.0	2.7	17	170	27	<.05	---
MWGS-32A	04/08/92	.26	4.9	.47	.72	5.0	.26	6.2	<.06	<.05	.28	2.1	34	250	<.05	---	---
MWGS-32A	04/24/92	---	---	---	---	---	.34	3.8	<.06	<.05	.44	1.3	---	---	---	---	---
MWGS-32A	07/13/92	.31	8.2	<.02	.65	2.8	.04	2.7	.04	<.05	.06	.18	---	---	<.05	---	---
MWGS-32A	09/02/92	---	---	---	---	---	.09	2.3	.24	<.05	.19	9.2	7.8	77	<.05	---	---
MWGS-32A	11/03/92	.26	3.6	.25	.36	1.6	.03	1.5	.01	<.05	<.02	5.1	17	85	<.05	<.05	---

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-32A	01/05/93	0.18	4.5	0.51	0.58	1.9	0.10	4.2	<0.01	<0.05	<0.02	2.7	17	150	<5.0	<5.0	
MWGS-32A (R)	01/05/93	.17	4.1	.28	.59	1.8	.09	4.1	<.01	<.05	<.02	3.0	---	120	---	---	
MWGS-32A	04/01/93	.10	3.8	.36	.37	4.2	.12	3.3	.05	<.05	<.02	2.6	15	170	<5.0	<5.0	
MWGS-32A (R)	04/01/93	.11	3.7	.35	.31	4.0	.13	3.3	.03	<.05	<.02	2.2	---	180	---	---	
MWGS-32A	06/28/93	.46	9.8	.46	.27	2.2	.23	4.3	<.01	<.05	<.02	1.8	44	180	---	---	
MWGS-32A (R)	06/28/93	.40	9.8	.45	.28	2.2	.15	4.2	<.01	<.05	<.02	1.3	---	170	---	---	
MWGS-32A	06/30/93	.56	6.9	.53	.44	4.6	.32	7.2	<.01	<.05	<.02	.29	---	---	---	---	
MWGS-32A	08/05/93	.47	11	.55	.36	2.2	.10	2.9	.02	<.05	<.02	.40	19	120	---	---	
MWGS-32A (R)	08/05/93	.51	11	.56	.36	2.2	.09	2.9	<.01	<.05	<.02	.43	---	150	---	---	
MWGS-32A	10/12/93	.36	4.8	.30	.26	1.2	.05	1.1	.01	<.05	<.02	.86	26	92	<5.0	<5.0	
MWGS-32A (R)	10/12/93	.39	4.9	.27	.23	1.1	.04	1.5	<.01	<.05	<.02	.85	---	140	---	---	
MWGS-32A	12/13/93	---	---	---	---	---	13	380	50	<.05	.62	120	500	480	---	---	
MWGS-32A	01/10/94	<.02	17	9.9	27	500	12	340	44	<.05	<.02	120	400	370	<5.0	7.9	
MWGS-32A (R)	01/10/94	<.02	14	9.4	23	500	11	340	44	<.05	<.02	120	---	460	---	---	
MWGS-32A	04/25/94	<.02	5.0	2.1	4.0	110	2.2	57	.10	<.02	<.02	21	220	260	<5.0	<5.0	
MWGS-32A (R)	04/25/94	<.02	3.9	1.5	3.3	78	1.5	39	.04	<.02	<.02	14	---	250	---	---	
MWGS-32A	07/11/94	<.02	14	6.4	21	420	11	250	60	<.02	<.02	120	470	450	<5.0	<5.0	
MWGS-32A (R)	07/11/94	<.02	16	7.3	23	430	11	260	60	<.02	<.02	120	---	450	---	---	
MWGS-32A	10/31/94	<.02	11	6.8	19	370	1.2	350	2.0	<.02	<.02	120	530	490	<5.0	<5.0	
MWGS-32A (R)	10/31/94	<.02	12	7.3	20	380	1.2	350	2.1	<.02	<.02	120	---	480	---	---	
MWGS-32A	01/30/95	<.02	12	8.0	18	400	1.3	350	2.5	<.02	<.02	120	700	630	<5.0	<5.0	
MWGS-32A (R)	01/30/95	<.02	12	8.3	18	400	1.2	350	2.6	<.02	<.02	120	---	570	---	---	
MWGS-32A	04/10/95	<.02	15	9.8	22	400	1.0	350	2.4	<.02	<.02	120	590	550	<5.0	<5.0	
MWGS-32A (R)	04/10/95	<.02	16	10	22	400	.93	320	2.3	<.02	<.02	110	---	550	---	---	
MWGS-32A	05/11/95	<.02	20	11	12	250	.82	220	<.01	<.02	<.02	49	370	370	---	---	
MWGS-32A	05/24/95	<.02	21	7.8	4.1	100	.54	100	<.01	<.02	<.02	14	140	240	---	---	
MWGS-32A	06/01/95	<.02	11	7.3	18	370	1.1	330	2.4	<.02	<.02	110	380	350	---	---	
MWGS-32A	06/14/95	<.02	9.9	5.9	17	300	.60	210	6.4	<.02	<.02	77	470	420	---	---	
MWGS-32A	06/22/95	<.02	19	18	26	430	.91	370	1.9	<.02	<.02	120	590	530	---	---	
MWGS-32A	06/28/95	<.02	21	13	25	390	.88	350	1.0	<.02	<.02	87	570	530	---	---	
MWGS-32A	07/31/95	<.02	15	9.7	23	430	.92	400	2.1	<.02	<.02	140	580	540	<5.0	<5.0	
MWGS-32A	08/23/95	<.02	15	9.8	21	450	.80	310	1.5	<.02	<.02	92	470	430	---	---	
MWGS-32A	08/31/95	<.02	16	8.3	18	370	.75	290	1.7	<.02	<.02	100	520	490	---	---	
MWGS-32A	09/07/95	<.02	18	9.8	21	400	.80	320	1.5	<.02	<.02	110	220	210	---	---	



**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations, mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-32B	01/14/92	<0.01	3.7	0.75	0.32	8.1	0.76	13	0.02	<0.01	2.3	1.2	5.3	88	6.8	<9.0	
MWGS-32B	04/08/92	<0.02	.90	.42	.35	4.5	.27	3.2	<0.06	<0.05	.31	1.3	1.7	170	<5.0	---	
MWGS-32B	04/24/92	---	---	---	---	---	.22	3.3	<0.06	<0.05	.66	.81	---	---	---	---	
MWGS-32B	07/13/92	<0.002	<.04	.58	.36	3.7	.28	5.4	<.01	<.05	.12	.65	13	170	<5.0	---	
MWGS-32B	09/02/92	---	---	---	---	---	.51	5.6	.18	<.05	.53	.57	11	110	<5.0	---	
MWGS-32B	11/03/92	.32	1.0	.50	.80	8.7	.55	4.7	<.01	<.05	<.02	.49	18	210	<5.0	<5.0	
MWGS-32B	01/05/93	.05	.59	.34	.46	3.5	.21	4.5	<.01	<.05	<.02	.29	10	170	5.2	<5.0	
MWGS-32B	04/01/93	<.02	.98	.42	.65	5.5	.50	5.3	.10	<.05	<.02	.39	9.1	130	<5.0	<5.0	
MWGS-32B	06/28/93	<.09	1.1	.41	.39	3.9	.27	4.0	<.01	<.05	<.02	.37	13	120	<5.0	<5.0	
MWGS-32B	08/05/93	<.09	1.1	.51	.36	3.8	.16	2.9	<.01	<.05	<.02	.39	7.5	88	---	---	
MWGS-32B	10/12/93	.12	.93	.36	.29	3.0	.21	3.6	<.01	<.05	<.02	.39	16	110	<5.0	<5.0	
MWGS-32B	01/10/94	<.02	1.3	.73	.25	7.2	.56	16	1.4	<.05	<.02	4.1	32	140	<5.0	<5.0	
MWGS-32B	04/25/94	<.02	1.2	.76	1.1	3.8	.30	5.5	<.01	<.02	<.02	.33	13	97	<5.0	<5.0	
MWGS-32B	07/11/94	<.02	1.4	.80	1.2	4.7	.18	6.6	<.01	<.02	<.02	.41	9.0	120	5.2	<5.0	
MWGS-32B	10/31/94	<.02	.92	.54	.95	3.8	.15	5.3	<.01	<.02	<.02	.50	18	140	<5.0	<5.0	
MWGS-32B	01/30/95	<.02	1.6	.88	1.1	4.7	.16	5.9	<.01	<.02	<.02	.43	11	140	7.4	<5.0	
MWGS-32B	04/10/95	<.02	1.7	.91	.97	13	.17	5.7	<.01	<.02	<.02	.46	12	180	6.6	5.6	
MWGS-32B	05/11/95	<.02	1.9	.86	.88	5.2	.20	6.0	.06	<.02	<.02	8.5	14	93	---	---	
MWGS-32B (R)	05/11/95	<.02	2.0	.92	.92	5.2	.21	5.9	.05	<.02	<.02	2.5	---	---	---	---	
MWGS-32B	05/24/95	<.02	1.9	.90	.73	5.0	.19	6.6	<.01	<.02	<.02	.81	20	180	---	---	
MWGS-32B (R)	05/24/95	<.02	1.7	.83	.71	4.9	.21	6.6	<.01	<.02	<.02	.84	---	190	---	---	
MWGS-32B	06/01/95	<.02	1.6	1.5	.92	4.4	.16	5.5	<.01	<.02	<.02	.21	20	140	---	---	
MWGS-32B (R)	06/01/95	<.02	1.4	1.3	1.0	4.5	.19	5.4	<.01	<.02	<.02	.31	---	---	---	---	
MWGS-32B	06/14/95	.09	1.7	1.1	.88	5.0	.19	5.8	<.01	<.02	<.02	.56	12	180	---	---	
MWGS-32B (R)	06/14/95	.09	1.6	1.0	.86	4.9	.20	5.8	<.01	<.02	<.02	.72	---	210	---	---	
MWGS-32B	06/22/95	<.02	1.8	1.8	3.3	7.2	.16	4.9	<.01	<.02	<.02	.85	12	190	---	---	
MWGS-32B	06/28/95	<.02	2.0	2.0	4.1	7.2	.16	4.9	<.01	<.02	<.02	1.1	11	170	---	---	
MWGS-32B (R)	06/28/95	<.02	1.7	1.0	1.2	5.4	.15	5.1	<.01	<.02	<.02	1.2	---	170	---	---	
MWGS-32B	07/31/95	<.02	1.2	.68	.50	4.9	.14	5.9	<.01	<.02	<.02	.57	9.8	150	<5.0	<5.0	
MWGS-32B (R)	07/31/95	<.02	.98	.64	.49	4.9	.14	5.8	<.01	<.02	<.02	.65	---	160	---	---	
MWGS-32B	08/16/95	.24	.77	.53	.54	4.6	.12	5.4	<.01	<.02	<.02	.06	7.6	130	---	---	
MWGS-32B	08/23/95	<.02	.97	.63	.62	5.1	.15	7.3	<.01	<.02	<.02	.45	9.6	160	---	---	
MWGS-32B	08/31/95	.31	1.7	.81	.78	4.9	.14	5.5	<.01	<.02	<.02	.52	7.3	130	---	---	
MWGS-32B	09/07/95	.26	1.3	.77	.73	4.7	.14	5.1	<.01	<.02	<.02	.17	10	110	---	---	
MWGS-32B	09/13/95	.39	1.4	.87	.60	4.4	.13	5.2	<.01	<.02	<.02	.19	8.2	96	---	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-32B	09/20/95	<0.02	1.0	0.71	0.48	2.8	0.14	5.7	<0.01	<0.02	<0.02	0.90	---	130	---	---	---
MWGS-32B	09/27/95	<0.02	1.3	.71	.53	4.5	.06	6.4	<0.1	<0.02	<0.02	.53	9.7	160	---	---	---
MWGS-32B	10/26/95	---	---	---	---	---	---	---	---	---	---	---	---	220	---	---	---
MWGS-32B	12/05/95	---	---	---	---	---	.47	12	<0.1	<0.02	<0.02	.57	---	---	---	---	---
MWGS-32B	01/29/96	---	---	---	---	---	.22	49	<0.1	<0.02	<0.02	130	---	250	---	---	---
MWGS-32B (R)	01/29/96	---	---	---	---	---	.21	50	<0.1	<0.02	<0.02	130	---	230	---	---	---
MWGS-33A	01/14/92	.99	11	1.2	.65	8.0	.63	14	<0.1	<0.1	1.6	15	17	110	8.3	<9.0	---
MWGS-33A (R)	01/14/92	.15	13	1.5	.72	8.2	.71	18	<0.1	<0.1	1.6	15	---	250	8.1	---	---
MWGS-33A	04/08/92	.78	23	1.7	.93	9.5	.40	9.5	.12	<0.05	<0.09	30	29	260	<5.0	---	---
MWGS-33A (R)	04/08/92	.78	23	1.5	.84	12	.46	11	.12	<0.05	<0.09	21	---	330	<5.0	---	---
MWGS-33A	04/24/92	---	---	---	---	---	.26	9.2	.24	<0.05	<0.09	47	---	---	---	---	---
MWGS-33A	07/13/92	.28	11	.79	.56	5.1	.22	6.4	<0.1	<0.05	.14	10	20	150	<5.0	---	---
MWGS-33A (R)	07/13/92	.29	8.0	.58	.54	4.5	.16	6.5	<0.1	<0.05	.14	9.0	---	180	<5.0	---	---
MWGS-33A	09/02/92	---	---	---	---	---	<0.02	4.7	.26	<0.05	<0.02	30	13	74	<5.0	---	---
MWGS-33A	11/03/92	.53	8.5	.61	.68	1.8	.04	2.0	.03	<0.05	<0.02	18	22	93	<5.0	<5.0	---
MWGS-33A (R)	11/03/92	.55	8.9	.54	.65	1.8	.05	1.8	.02	<0.05	<0.02	20	---	86	---	---	---
MWGS-33A	01/05/93	.44	12	.82	.91	2.0	.08	2.9	<0.1	<0.05	<0.02	14	20	130	6.5	<5.0	---
MWGS-33A (R)	01/05/93	.44	11	.79	1.1	2.0	.08	3.0	<0.1	<0.05	<0.02	13	---	160	---	---	---
MWGS-33A	04/01/93	.35	15	1.4	.71	4.3	.08	3.7	.69	<0.05	<0.02	21	50	270	<5.0	<5.0	---
MWGS-33A (R)	04/01/93	.36	15	1.1	.71	4.0	.08	3.6	.66	<0.05	<0.02	20	---	220	---	---	---
MWGS-33A	06/28/93	.83	13	.82	.88	3.5	.21	8.2	.05	<0.05	<0.02	14	19	86	<5.0	<5.0	---
MWGS-33A (R)	06/28/93	.81	13	.85	.87	3.4	.19	7.9	.03	<0.05	<0.02	13	---	80	---	---	---
MWGS-33A	08/05/93	.99	13	1.0	1.1	4.0	.06	5.9	.25	<0.05	<0.02	7.3	19	94	---	---	---
MWGS-33A	10/12/93	.74	13	.80	1.4	17	.05	4.0	12	<0.05	<0.02	36	30	96	<5.0	<5.0	---
MWGS-33A (R)	10/12/93	.67	13	.84	1.2	17	.05	4.0	11	<0.05	<0.02	36	---	120	---	---	---
MWGS-33A	11/18/93	<.09	42	5.0	8.3	360	11	370	31	<0.05	<0.02	150	120	340	---	---	---
MWGS-33A	01/10/94	<.02	19	2.2	8.2	360	11	340	35	<0.05	<0.02	190	210	350	<5.0	<5.0	---
MWGS-33A (R)	01/10/94	<.02	27	3.6	7.8	370	11	340	35	<0.05	<0.02	190	---	430	---	---	---
MWGS-33A	04/25/94	<.02	4.5	.65	5.4	300	10	180	.81	<0.02	<0.02	110	260	360	<5.0	<5.0	---
MWGS-33A (R)	04/25/94	<.02	4.5	.30	4.2	300	10	180	.77	<0.02	<0.02	110	---	350	---	---	---
MWGS-33A	07/11/94	<.02	10	.39	5.1	350	8.9	200	36	<0.02	<0.02	130	280	340	<5.0	<5.0	---
MWGS-33A (R)	07/11/94	<.02	11	.72	6.6	350	8.9	190	36	<0.02	<0.02	130	---	380	---	---	---
MWGS-33A	10/31/94	<.02	4.5	1.2	10	320	3.0	280	1.4	<0.02	<0.02	100	440	410	<5.0	<5.0	---
MWGS-33A (R)	10/31/94	<.02	4.1	.70	8.7	320	3.1	270	1.5	<0.02	<0.02	100	---	410	---	---	---

Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations: mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-33A	01/30/95	<0.02	5.1	1.7	8.1	370	1.3	320	0.32	<0.02	<0.02	110	---	570	<5.0	<5.0	
MWGS-33A (R)	01/30/95	<0.02	4.9	1.2	6.7	370	1.3	320	.32	<0.02	<0.02	110	---	450	---	---	
MWGS-33A	04/10/95	<0.02	4.2	.14	7.2	230	.69	200	.88	<0.02	<0.02	53	270	320	<5.0	<5.0	
MWGS-33A (R)	04/10/95	<0.02	4.0	.13	6.9	220	.68	180	<.01	<0.02	<0.02	50	---	380	---	---	
MWGS-33A	05/24/95	<0.02	5.0	.32	12	310	1.0	260	<.01	<0.02	<0.02	65	230	290	---	---	
MWGS-33A	06/01/95	<0.02	4.2	.78	9.0	250	.82	220	<.01	<0.02	<0.02	38	290	320	---	---	
MWGS-33A	06/14/95	<0.02	5.4	.68	11	290	.87	250	.49	<0.02	<0.02	51	350	420	---	---	
MWGS-33A	06/22/95	<0.02	7.7	.99	12	340	.78	320	.39	<0.02	<0.02	86	520	570	---	---	
MWGS-33A	06/28/95	<0.02	7.0	.94	12	330	.77	320	.38	<0.02	<0.02	85	11	14	---	---	
MWGS-33A	07/31/95	<0.02	9.3	1.4	8.1	310	.82	320	<.01	<0.02	<0.02	49	480	520	<5.0	<5.0	
MWGS-33A (R)	07/31/95	<0.02	9.1	1.4	8.8	330	.88	350	<.01	<0.02	<0.02	61	---	460	---	---	
MWGS-33A	08/18/95	<0.02	8.7	1.0	6.0	270	.46	200	<.01	<0.02	<0.02	52	---	---	---	---	
MWGS-33A	08/23/95	<0.02	6.9	1.3	7.7	380	.73	280	<.01	<0.02	<0.02	64	400	440	---	---	
MWGS-33A	08/31/95	<0.02	24	6.0	17	290	.57	230	<.01	<0.02	<0.02	82	380	400	---	---	
MWGS-33A	09/07/95	<0.02	8.2	1.5	9.7	350	.73	270	.35	<0.02	<0.02	85	240	250	---	---	
MWGS-33A	09/13/95	<0.02	5.9	1.0	6.0	260	.60	220	.04	<0.02	<0.02	48	---	---	---	---	
MWGS-33A	09/20/95	<0.02	7.1	3.2	12	320	.84	310	1.1	<0.02	<0.02	110	---	350	---	---	
MWGS-33B	01/14/92	<.01	2.3	1.1	.47	11	.90	45	<.01	<.01	1.7	1.0	6.6	140	5.4	<9.0	
MWGS-33B (R)	01/14/92	<.01	3.3	.89	.52	10	.94	43	.02	<.01	1.7	1.1	---	110	6.3	---	
MWGS-33B	04/08/92	<.02	1.2	.28	.41	5.2	.30	5.7	<.06	<.05	.44	.88	9.8	170	<5.0	---	
MWGS-33B (R)	04/08/92	<.02	1.5	.34	.39	5.5	.29	5.8	<.06	<.05	.39	.94	---	190	<5.0	---	
MWGS-33B	04/24/92	---	---	---	---	---	.31	3.5	<.06	<.05	1.0	.53	---	---	---	---	
MWGS-33B	07/13/92	<.002	<.04	<.02	.36	4.4	.28	5.1	<.01	<.05	.11	.16	12	160	<5.0	---	
MWGS-33B (R)	07/13/92	<.002	<.04	<.02	.37	3.9	.35	5.5	<.01	<.05	.14	.20	---	190	<5.0	---	
MWGS-33B	09/02/92	---	---	---	---	---	.42	5.1	.15	<.05	.31	.15	22	140	<5.0	---	
MWGS-33B	11/03/92	<.20	1.0	.27	.40	3.3	.30	5.0	<.01	<.05	<.02	<.01	13	160	<5.0	<5.0	
MWGS-33B (R)	11/03/92	<.20	.87	.34	.38	3.4	.29	5.0	<.01	<.05	<.02	<.01	---	160	---	---	
MWGS-33B	01/05/93	.05	1.0	.32	.60	4.5	.22	6.3	<.01	<.05	<.02	.25	9.8	150	<5.0	<5.0	
MWGS-33B	04/01/93	<.02	.24	.09	<.02	3.8	.24	5.3	.02	<.05	<.02	.57	11	170	<5.0	<5.0	
MWGS-33B	06/28/93	.19	1.4	.38	.50	5.0	.24	5.9	.02	<.05	<.02	1.1	6.9	95	<5.0	<5.0	
MWGS-33B	08/05/93	<.09	1.1	.36	.31	4.2	.15	3.0	<.01	<.05	<.02	.21	7.3	110	---	---	
MWGS-33B	10/12/93	<.09	1.1	.28	.34	3.5	.19	4.0	.07	<.05	<.02	.79	21	210	<5.0	<5.0	
MWGS-33B	11/18/93	<.09	1.3	.28	.54	4.2	.20	5.9	.02	<.05	<.02	.42	11	130	---	---	
MWGS-33B (R)	11/18/93	<.09	1.1	.32	.49	4.1	.20	5.8	.03	<.05	<.02	.49	---	150	---	---	

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-33B	01/10/94	<0.02	1.2	0.63	0.63	6.7	0.32	9.0	0.40	<0.05	<0.02	2.0	24	170	9.2	9.4	
MWGS-33B	04/25/94	<0.02	4.7	2.0	1.4	29	2.9	69	<0.1	<0.2	<0.2	.23	8.5	170	6.4	<5.0	
MWGS-33B	07/11/94	<0.02	2.1	.91	1.1	19	1.1	37	<0.1	<0.2	<0.2	.60	5.3	97	5.1	<5.0	
MWGS-33B	10/31/94	<0.02	1.1	.51	.53	4.8	.20	8.3	.05	<0.2	<0.2	.64	9.3	49	<5.0	<5.0	
MWGS-33B	01/30/95	<0.02	1.5	.59	.42	4.7	.20	6.8	<0.1	<0.2	<0.2	.73	11	140	8.3	<5.0	
MWGS-33B	04/10/95	<0.02	1.5	.11	.41	4.8	.18	7.4	<0.1	<0.2	<0.2	.68	17	130	<5.0	<5.0	
MWGS-33B	05/24/95	<0.02	2.1	.59	.53	5.3	.15	6.4	<0.1	<0.2	<0.2	1.7	21	170	---	---	
MWGS-33B	06/01/95	<0.02	1.8	.90	.67	4.9	.12	6.8	<0.1	<0.2	<0.2	.83	23	150	---	---	
MWGS-33B	06/14/95	.11	1.6	.73	.73	5.3	.14	7.2	<0.1	<0.2	<0.2	.55	28	240	---	---	
MWGS-33B	06/22/95	<0.02	1.7	.90	.73	6.7	.12	6.2	<0.1	<0.2	<0.2	1.1	13	220	---	---	
MWGS-33B	06/28/95	<0.02	1.7	.89	.75	6.8	.13	6.2	<0.1	<0.2	<0.2	1.3	13	170	---	---	
MWGS-33B	07/31/95	<0.02	1.4	.51	.47	5.6	.11	6.9	<0.1	<0.2	<0.2	.70	13	230	<5.0	<5.0	
MWGS-33B	08/16/95	<0.02	.80	.37	.45	5.0	.09	5.9	<0.1	<0.2	<0.2	.94	7.0	160	---	---	
MWGS-33B	08/23/95	.43	1.2	.46	.71	6.8	.13	6.6	<0.1	<0.2	<0.2	.76	12	190	---	---	
MWGS-33B	08/31/95	.52	1.8	.59	.58	5.6	.12	5.8	<0.1	<0.2	<0.2	.30	12	230	---	---	
MWGS-33B	09/07/95	.48	1.5	.57	.56	5.5	.14	5.7	<0.1	<0.2	<0.2	.50	9.5	180	---	---	
MWGS-33B	09/13/95	.92	1.9	.70	1.1	6.8	.14	6.5	<0.1	<0.2	<0.2	.85	8.2	150	---	---	
MWGS-33B	09/20/95	<0.02	1.4	.56	.46	3.7	.14	6.0	<0.1	<0.2	<0.2	.78	10	190	---	---	
MWGS-33B	09/27/95	<0.02	1.2	.48	.49	4.6	.04	5.9	<0.1	<0.2	<0.2	1.1	7.8	160	---	---	
MWGS-33B	10/26/95	1.0	1.7	.65	.74	7.7	.19	13	<0.1	<0.2	<0.2	1.4	---	---	---	---	
MWGS-33B	11/03/95	---	---	---	---	---	.17	20	<0.1	<0.2	<0.2	1.0	---	---	---	---	
MWGS-33B	12/05/95	---	---	---	---	---	.20	51	<0.1	<0.2	<0.2	2.2	---	---	---	---	Collected anions with the same filter as MWGS-32B
MWGS-33B	01/29/96	---	---	---	---	---	.16	39	<0.1	<0.2	<0.2	54	---	240	---	---	
MWGS-34A	01/14/92	<0.1	9.0	1.5	.48	10	.64	13	.02	<0.1	2.3	25	9.7	86	<5.0	15	
MWGS-34A (R)	01/14/92	<0.1	7.0	1.3	.35	9.7	.81	13	<0.1	<0.1	2.3	26	---	120	14	---	
MWGS-34A	04/08/92	<0.2	8.7	.87	.50	4.9	.12	1.8	.66	<0.5	.19	16	29	130	<5.0	---	
MWGS-34A (R)	04/08/92	<0.2	9.8	.77	.50	5.7	.14	1.9	.73	<0.5	.18	17	---	120	<5.0	---	
MWGS-34A	04/24/92	---	---	---	---	---	.22	2.8	.12	<0.5	1.2	9.8	---	---	---	---	
MWGS-34A	07/13/92	<0.02	9.1	.58	1.1	2.7	.09	3.2	.85	<0.5	.08	20	10	95	<5.0	---	
MWGS-34A (R)	07/13/92	.05	9.7	.89	1.1	2.7	.09	3.2	.86	<0.5	.13	20	---	88	<5.0	---	
MWGS-34A	09/02/92	---	---	---	---	---	.33	5.3	.33	<0.5	.38	8.5	21	84	<5.0	---	
MWGS-34A	09/15/92	---	---	---	---	---	---	14	---	---	---	14	---	---	---	---	
MWGS-34A	11/03/92	<20	5.0	.56	.43	2.5	.11	3.5	.44	<0.5	<0.2	14	8.9	51	<5.0	<5.0	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-34A (R)	11/03/92	<0.20	4.0	0.29	<0.40	1.3	0.09	3.4	0.62	<0.05	<0.02	14	---	57	---	---	
MWGS-34A	01/05/93	.03	7.4	.67	.54	2.8	.12	4.3	.95	<0.05	.04	13	33	96	6.8	<5.0	
MWGS-34A	04/01/93	.08	6.2	1.2	.43	5.6	.20	4.5	.80	<0.05	<0.02	14	13	100	<5.0	<5.0	
MWGS-34A	06/28/93	<.09	12	1.0	.44	4.0	.40	2.8	.11	<0.05	<0.02	30	20	110	<5.0	<5.0	
MWGS-34A	06/30/93	<.09	14	1.0	.46	4.2	.08	2.4	<.01	<0.05	<0.02	38	---	---	---	---	
MWGS-34A	08/05/93	<.09	45	2.6	1.7	74	.54	13	<.01	<0.05	<0.02	5.1	13	170	---	---	
MWGS-34A	10/12/93	<.09	13	.52	.39	3.5	.06	1.8	3.3	<0.05	<0.02	27	15	59	<5.0	<5.0	
MWGS-34A	01/10/94	<.02	9.7	1.0	.55	4.4	.23	7.1	<.01	<0.05	<0.02	9.7	42	150	<5.0	<5.0	
MWGS-34A	01/20/94	<.02	9.3	.75	.49	4.0	.17	5.8	.85	<0.05	<0.02	14	16	120	---	---	
MWGS-34A	02/03/94	<.02	7.3	.96	.48	5.6	.19	7.6	.88	<0.02	<0.02	13	13	97	---	<5.0	
MWGS-34A	02/08/94	<.02	6.9	.55	.39	5.1	.19	6.2	.83	<0.02	<0.02	12	26	120	---	---	
MWGS-34A	02/15/94	<.02	7.7	.39	.43	4.4	.12	5.6	2.0	<0.02	<0.02	21	20	110	---	---	
MWGS-34A	02/28/94	<.02	12	.53	.46	5.5	.09	4.3	3.5	<0.02	<0.02	29	15	71	---	<5.0	
MWGS-34A	03/03/94	<.02	7.8	.66	.58	12	.13	6.4	2.4	<0.02	<0.02	33	14	75	---	---	
MWGS-34A	03/15/94	<.02	10	.43	.60	4.6	.09	4.1	3.1	<0.02	<0.02	27	17	69	---	---	
MWGS-34A	04/25/94	<.02	11	.64	.61	1.7	.12	4.2	3.4	<0.02	<0.02	19	15	64	32	<5.0	
MWGS-34A	05/26/94	---	---	---	---	---	.35	9.5	1.0	<0.02	<0.02	16	---	---	---	---	
MWGS-34A	06/15/94	<.02	9.2	.74	1.0	34	1.4	39	5.2	<0.02	<0.02	38	---	---	---	---	
MWGS-34A	07/11/94	<.02	13	.76	.65	3.9	.08	3.8	.80	<0.02	<0.02	25	3.6	43	<5.0	<5.0	
MWGS-34A	10/31/94	<.02	10	.44	.72	4.9	<.02	1.9	5.3	<0.02	<0.02	21	10	42	<5.0	<5.0	
MWGS-34A	01/30/95	<.02	14	.71	.48	1.9	.07	2.7	4.4	<0.02	<0.02	22	9.0	65	<5.0	<5.0	
MWGS-34A	04/10/95	<.02	15	.75	.50	1.9	.09	4.1	4.4	<0.02	<0.02	22	9.0	55	<5.0	<5.0	
MWGS-34A	07/31/95	<.02	11	.98	.50	2.2	.09	5.3	.52	<0.02	<0.02	23	12	120	<5.0	<5.0	
MWGS-34B	01/14/92	<.01	35	33	1.2	29	2.5	110	.42	<.01	2.7	2.6	9.5	240	39	210	
MWGS-34B (R)	01/14/92	<.01	34	34	1.5	27	3.5	100	<.01	<.01	2.8	1.7	---	180	400	---	
MWGS-34B	04/08/92	<.02	30	21	1.5	15	.89	26	.69	<.05	.95	4.2	35	480	<5.0	---	
MWGS-34B (R)	04/08/92	<.02	29	21	1.4	17	1.1	26	.96	<.05	.38	3.4	---	400	<5.0	---	
MWGS-34B	04/24/92	---	---	---	---	---	.96	22	<.06	<.05	.95	.47	---	---	---	---	
MWGS-34B	07/13/92	<.002	40	26	1.3	12	1.4	46	<.01	<.05	<.01	.44	41	530	<5.0	---	
MWGS-34B (R)	07/13/92	<.002	40	26	1.4	12	1.2	45	<.01	<.05	<.01	.67	---	500	<5.0	---	
MWGS-34B	09/02/92	---	---	---	---	---	1.9	29	<.01	<.05	.50	<.10	33	300	<5.0	---	
MWGS-34B	09/15/92	---	---	---	---	---	---	26	---	---	---	.08	---	---	---	---	
MWGS-34B	11/03/92	<.20	27	19	.89	14	.97	26	<.01	<.05	<.02	1.3	20	400	<5.0	250	

**Table 6.**—Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996.—Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer.]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-34B (R)	11/03/92	<0.20	28	20	1.2	15	0.90	26	<0.01	<0.05	<0.02	0.45	---	330	<5.0	250	
MWGS-34B	01/05/93	<0.04	29	23	1.9	17	1.1	28	<0.01	<0.05	<0.02	.15	69	470	---	260	
MWGS-34B (R)	01/05/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	250	
MWGS-34B	04/01/93	<0.02	31	19	1.5	23	1.1	24	.05	<0.05	<0.02	1.5	63	480	<5.0	270	
MWGS-34B (R)	04/01/93	<0.02	31	19	1.1	22	1.4	24	.04	<0.05	<0.02	.99	---	570	<5.0	270	
MWGS-34B	06/28/93	<0.09	35	22	.88	16	1.2	27	<0.01	<0.05	<0.02	.74	72	520	<5.0	220	
MWGS-34B (R)	06/28/93	<0.09	35	24	.91	16	1.4	23	<0.01	<0.05	<0.02	.32	---	490	<5.0	210	
MWGS-34B	08/05/93	<0.09	35	22	.96	18	.99	19	<0.01	<0.05	<0.02	.13	40	320	---	380	
MWGS-34B (R)	08/05/93	<0.09	33	21	.86	16	1.0	20	<0.01	<0.05	<0.02	.14	---	340	---	370	
MWGS-34B	10/12/93	<0.09	20	13	.73	11	1.0	13	<0.01	<0.05	<0.02	.58	97	460	<5.0	160	
MWGS-34B (R)	10/12/93	<0.09	19	13	.70	12	1.0	12	<0.01	<0.05	<0.02	.61	---	520	5.9	160	
MWGS-34B	01/10/94	<0.02	18	12	1.0	12	.82	17	<0.01	<0.05	<0.02	.52	88	360	<5.0	160	
MWGS-34B (R)	01/10/94	<0.02	18	12	1.1	12	.84	17	<0.01	<0.05	<0.02	.30	---	400	<5.0	160	
MWGS-34B	01/20/94	<0.02	16	10	.74	11	.81	16	<0.01	<0.05	<0.02	.79	42	330	---	180	
MWGS-34B	02/03/94	<0.02	17	11	.77	12	.83	13	<0.01	<0.02	<0.02	.19	59	390	---	170	
MWGS-34B (R)	02/03/94	<0.02	17	11	.77	12	.83	14	<0.01	<0.02	<0.02	.23	---	430	---	180	
MWGS-34B	02/08/94	<0.02	16	9.9	.77	11	.84	14	<0.01	<0.02	<0.02	.13	52	310	---	160	
MWGS-34B (R)	02/08/94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	150	
MWGS-34B	02/15/94	<0.02	13	8.7	.70	9.6	.85	13	<0.01	<0.02	<0.02	.31	56	440	---	190	
MWGS-34B (R)	02/15/94	<0.02	14	9.0	.67	10	.91	13	<0.01	<0.02	<0.02	.25	---	510	---	210	
MWGS-34B	02/28/94	<0.02	16	11	.76	12	.87	18	<0.01	<0.02	<0.02	.40	74	490	---	190	
MWGS-34B (R)	02/28/94	<0.02	16	11	.79	12	.92	18	<0.01	<0.02	<0.02	.27	---	470	---	200	
MWGS-34B	03/03/94	<0.02	13	9.1	.69	10	.86	13	<0.01	<0.02	<0.02	.19	75	430	---	210	
MWGS-34B (R)	03/03/94	<0.02	14	9.0	.70	10	.85	13	<0.01	<0.02	<0.02	.20	---	660	---	210	
MWGS-34B	03/15/94	<0.02	13	8.4	.80	9.9	.81	15	<0.01	<0.02	<0.02	.31	68	450	---	110	
MWGS-34B (R)	03/15/94	<0.02	13	8.3	.83	10	.90	13	<0.01	<0.02	<0.02	.26	---	540	---	110	
MWGS-34B	03/21/94	<0.02	17	11	.84	11	---	---	---	---	---	---	---	---	---	---	
MWGS-34B (R)	03/21/94	<0.02	17	11	.85	12	---	---	---	---	---	---	---	---	---	---	
MWGS-34B	04/25/94	<0.02	11	7.1	.82	9.2	.72	14	<0.01	<0.02	<0.02	.17	50	270	<5.0	13	
MWGS-34B (R)	04/25/94	<0.02	11	7.3	.87	9.1	.73	15	<0.01	<0.02	<0.02	.15	---	320	<5.0	11	
MWGS-34B	06/15/94	.82	15	12	7.4	9.5	.75	15	<0.01	<0.02	<0.02	1.1	---	---	---	---	
MWGS-34B	07/11/94	<0.02	13	7.8	.81	9.9	.74	15	<0.01	<0.02	<0.02	.23	80	450	<5.0	93	
MWGS-34B (R)	07/11/94	<0.02	12	7.8	.82	10	.76	15	<0.01	<0.02	<0.02	.22	---	460	<5.0	96	
MWGS-34B	10/31/94	<0.02	9.0	5.3	.70	8.3	.76	13	<0.01	<0.02	<0.02	.23	91	390	<5.0	96	
MWGS-34B (R)	10/31/94	<0.02	9.1	5.4	.71	8.4	.68	13	<0.01	<0.02	<0.02	.24	---	310	<5.0	98	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-34B	01/30/95	<0.02	9.4	5.7	0.57	9.0	0.67	13	<0.01	<0.02	<0.02	0.25	55	270	<5.0	110	
MWGS-34B (R)	01/30/95	<0.02	9.3	5.6	.59	9.0	.67	13	<0.01	<0.02	<0.02	.46	---	310	<5.0	110	
MWGS-34B	04/10/95	<0.02	9.2	5.3	.55	8.4	.56	12	<0.01	<0.02	<0.02	.22	52	290	<5.0	93	
MWGS-34B (R)	04/10/95	<0.02	9.2	5.3	.53	8.4	.57	12	<0.01	<0.02	<0.02	.17	---	260	7.9	88	
MWGS-34B	07/31/95	<0.02	8.0	4.9	.50	8.2	.43	12	<0.01	<0.02	<0.02	.31	64	320	<5.0	72	
MWGS-34B (R)	07/31/95	<0.02	8.2	5.0	.51	8.4	.43	12	<0.01	<0.02	<0.02	.29	---	340	<5.0	66	
MWGS-35	07/14/92	.24	7.0	2.7	.91	6.5	.28	5.4	.01	<0.05	.14	3.8	120	180	<5.0	---	
MWGS-35	11/10/92	.33	6.9	3.0	.82	6.5	.06	6.7	.02	<0.05	<0.02	2.9	51	110	---	---	
MWGS-35	07/12/94	---	---	---	---	---	---	---	---	---	---	---	68	160	---	---	
MWGS-35	11/02/94	---	---	---	---	---	---	---	---	---	---	---	78	230	---	---	
MWGS-35	02/01/95	<0.02	7.5	3.7	1.1	7.0	.06	5.8	<0.01	<0.02	<0.02	4.1	76	200	---	---	
MWGS-35	04/12/95	<0.02	8.4	4.1	.99	7.9	.06	5.7	<0.01	<0.02	<0.02	4.0	52	180	---	---	
MWGS-35	08/02/95	<0.02	8.9	4.4	1.0	9.2	.05	6.0	<0.01	<0.02	<0.02	3.1	56	210	---	---	
MWGS-36	07/14/92	.19	24	2.7	.77	11	.04	3.2	.02	<0.05	.03	3.7	110	120	<5.0	---	
MWGS-36	11/10/92	<0.20	7.4	.94	<0.39	2.7	.06	4.9	<0.01	<0.05	<0.02	5.0	57	120	---	---	
MWGS-37	07/14/92	.10	12	1.2	.90	10	.06	---	<0.01	<0.05	.11	.14	94	120	<5.0	---	
MWGS-37	11/10/92	.19	8.6	.54	.57	3.9	.04	3.8	.01	<0.05	<0.02	1.1	49	82	---	---	
MWGS-38	07/16/92	.10	7.7	1.7	.33	6.7	.04	3.6	.01	<0.05	.09	16	32	66	<5.0	---	
MWGS-38	11/10/92	<0.20	5.5	1.8	<0.39	4.3	.04	3.6	<0.01	<0.05	<0.02	1.2	34	56	---	---	
MWGS-39	04/09/92	1.7	21	2.0	1.1	7.4	.28	8.7	<0.06	<0.05	<0.09	2.0	100	270	<5.0	---	
MWGS-39	06/11/92	2.9	17	2.5	1.8	4.6	.11	8.5	.18	<0.05	.05	2.1	71	220	<5.0	---	
MWGS-39	07/15/92	1.4	24	1.2	1.0	6.7	.05	2.7	.01	<0.05	<0.01	27	87	220	<5.0	---	
MWGS-39	11/04/92	.90	16	1.5	.72	3.2	.05	2.5	.01	<0.05	<0.02	6.8	72	190	---	---	
MWGS-39	01/06/93	1.1	17	1.8	1.2	3.1	.05	2.6	<0.01	<0.05	<0.02	2.5	78	200	---	---	
MWGS-39	04/02/93	1.6	16	1.6	.71	2.7	.05	2.7	.01	<0.05	<0.02	1.1	53	200	---	---	
MWGS-39	10/13/93	2.1	8.5	1.4	.71	3.0	.08	2.1	<0.01	<0.05	<0.02	5.1	130	240	---	---	
MWGS-39	01/11/94	2.8	28	2.9	1.5	4.5	.16	5.6	<0.01	<0.05	<0.02	1.7	110	220	---	---	
MWGS-39	04/27/94	1.7	22	1.8	.83	2.6	.12	3.3	<0.01	<0.02	<0.02	2.8	97	210	---	---	
MWGS-39	07/14/94	2.3	33	3.0	1.3	5.6	.13	7.5	.11	<0.02	<0.02	1.7	110	240	---	---	
MWGS-39	11/02/94	1.3	23	2.3	.84	2.2	.04	2.8	<0.01	<0.02	<0.02	2.2	120	280	---	---	

**Table 6.** --Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate I)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-39	02/01/95	2.5	20	1.8	0.84	1.1	<0.02	2.4	0.05	<0.02	<0.02	1.4	75	190	---	---	
MWGS-39	04/12/95	3.2	24	2.1	1.1	1.3	<0.02	3.4	<0.01	<0.02	<0.02	.91	79	210	---	---	
MWGS-39	08/02/95	6.8	38	2.9	1.2	5.8	.07	7.0	<0.01	<0.02	<0.02	4.2	130	280	---	---	
MWGS-40A	07/13/92	<.002	7.1	1.3	.53	8.6	.25	5.1	.14	<.05	.14	12	22	200	<5.0	---	
MWGS-40A (R)	07/13/92	<.002	5.6	.85	.52	7.7	.32	5.7	.17	<.05	.24	12	---	200	<5.0	---	
MWGS-40A	09/02/92	---	---	---	---	---	<.02	2.9	.91	<.05	<.02	23	5.4	33	<5.0	---	
MWGS-40A	09/15/92	---	---	---	---	---	---	4.1	---	---	---	14	---	---	---	---	
MWGS-40A	11/03/92	<.20	2.4	.54	<.39	1.3	.23	3.6	.99	<.05	<.02	17	17	60	<5.0	<5.0	
MWGS-40A (R)	11/03/92	<.20	4.3	.24	<.39	2.9	.22	3.6	1.2	<.05	<.02	18	---	87	---	---	
MWGS-40A	01/05/93	.02	4.8	1.2	.52	3.4	.15	4.6	.12	<.05	<.02	12	17	87	<5.0	<5.0	
MWGS-40A	04/01/93	<.02	5.0	.77	.10	2.4	.09	3.1	.83	<.05	<.02	19	3.9	68	<5.0	<5.0	
MWGS-40A	06/28/93	<.09	6.3	1.3	.32	3.4	.19	3.2	.02	<.05	<.02	13	9.2	100	<5.0	<5.0	
MWGS-40A (R)	06/28/93	<.09	6.3	1.2	.33	3.3	.19	3.2	.02	<.05	<.02	12	---	100	---	---	
MWGS-40A	08/05/93	<.09	31	5.4	4.3	310	1.0	260	.03	<.05	<.02	130	54	300	---	---	
MWGS-40A	10/12/93	.14	6.9	1.1	.42	4.7	.44	3.5	.91	<.05	<.02	15	14	83	<5.0	<5.0	
MWGS-40A	01/10/94	.11	9.8	1.0	.59	4.3	.18	5.4	.99	<.05	<.02	14	16	100	<5.0	<5.0	
MWGS-40A	04/25/94	.05	8.1	1.2	.59	3.2	.37	4.9	.19	<.02	<.02	13	13	120	<5.0	<5.0	
MWGS-40A	07/11/94	<.02	7.2	.71	.45	11	.07	4.7	.52	<.02	<.02	19	8.6	65	<5.0	<5.0	
MWGS-40A	10/31/94	<.02	7.4	1.3	.47	6.8	.06	2.8	2.9	<.02	<.02	23	9.9	75	<5.0	<5.0	
MWGS-40A	01/30/95	<.02	10	1.8	.40	2.0	.06	2.9	1.5	<.02	<.02	27	5.6	76	<5.0	<5.0	
MWGS-40A	04/10/95	<.02	10	1.7	.98	2.0	.09	4.6	.82	<.02	<.02	23	15	110	<5.0	<5.0	
MWGS-40A	07/31/95	<.02	7.3	1.3	.36	2.7	.10	5.3	.41	<.02	<.02	16	11	160	<5.0	<5.0	
MWGS-40B	07/13/92	<.002	15	7.4	.86	10	<.01	15	.45	<.05	.53	.53	5.0	170	<5.0	---	
MWGS-40B (R)	07/13/92	<.002	15	7.7	.86	8.9	<.01	15	.45	<.05	.46	.57	---	200	<5.0	---	
MWGS-40B	09/02/92	---	---	---	---	---	<.02	18	.74	<.05	.66	.29	8.6	240	<5.0	---	
MWGS-40B (R)	09/02/92	---	---	---	---	---	<.02	18	.75	<.05	.49	.29	---	240	<5.0	---	
MWGS-40B	09/15/92	---	---	---	---	---	---	17	---	---	---	.07	---	---	---	---	
MWGS-40B (R)	09/15/92	---	---	---	---	---	---	17	---	---	---	.10	---	---	---	---	
MWGS-40B	11/03/92	<.20	10	6.5	.77	5.8	.86	17	.01	<.05	<.02	2.2	29	440	<5.0	130	
MWGS-40B (R)	11/03/92	<.20	20	13	1.4	12	.87	17	<.01	<.05	<.02	.78	---	170	<5.0	130	
MWGS-40B	01/05/93	<.02	22	15	13	15	.89	21	.01	<.05	<.02	.22	13	250	6.8	130	
MWGS-40B (R)	01/05/93	---	---	---	---	---	---	---	---	---	---	---	---	---	5.1	130	
MWGS-40B	04/01/93	<.02	23	13	4.5	15	1.4	17	.06	<.05	<.02	2.2	26	320	5.6	150	



**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-40B (R)	04/01/93	<0.02	22	11	5.6	19	1.3	19	0.16	<0.05	<0.02	0.93	--	250	<5.0	150	
MWGS-40B	06/28/93	<0.09	33	19	1.4	16	1.1	22	<0.1	<0.05	<0.02	.40	35	310	<5.0	170	
MWGS-40B (R)	06/28/93	<0.09	33	19	1.4	16	1.6	22	<0.1	<0.05	<0.02	.37	--	320	5.2	160	
MWGS-40B	08/05/93	<0.09	25	14	1.5	14	.85	19	.01	<0.05	<0.02	.24	24	250	---	200	
MWGS-40B	10/12/93	<0.09	19	12	.87	11	.90	13	<0.1	<0.05	<0.02	.61	64	390	5.2	120	
MWGS-40B (R)	10/12/93	<0.09	19	12	.90	11	.93	11	<0.1	<0.05	<0.02	.59	--	420	5.9	120	
MWGS-40B	01/10/94	<0.02	23	12	10	14	.78	16	<0.1	<0.05	<0.02	.13	54	270	<5.0	130	
MWGS-40B (R)	01/10/94	<0.02	23	12	9.5	13	.79	16	<0.1	<0.05	<0.02	.12	--	320	<5.0	130	
MWGS-40B	04/25/94	<0.02	15	9.0	2.7	12	.72	11	<0.1	<0.02	<0.02	.19	29	280	<5.0	16	
MWGS-40B (R)	04/25/94	<0.02	15	8.7	2.6	12	.72	11	<0.1	<0.02	<0.02	.21	--	300	<5.0	14	
MWGS-40B	07/11/94	<0.02	14	7.5	1.8	10	.66	14	<0.1	<0.02	<0.02	.37	54	370	<5.0	86	
MWGS-40B (R)	07/11/94	<0.02	14	7.5	1.8	10	.64	14	<0.1	<0.02	<0.02	.37	--	330	<5.0	79	
MWGS-40B	10/31/94	<0.02	9.1	4.3	2.4	7.7	.54	11	<0.1	<0.02	<0.02	.12	52	260	<5.0	56	
MWGS-40B (R)	10/31/94	<0.02	9.0	4.2	2.5	7.7	.59	11	<0.1	<0.02	<0.02	.28	--	260	<5.0	53	
MWGS-40B	01/30/95	<0.02	8.5	3.9	4.4	7.8	.52	11	<0.1	<0.02	<0.02	.73	86	290	<5.0	50	
MWGS-40B (R)	01/30/95	<0.02	8.5	3.9	4.5	7.8	.57	11	<0.1	<0.02	<0.02	.56	--	260	<5.0	46	
MWGS-40B	04/10/95	<0.02	8.3	3.7	1.9	7.0	.49	11	<0.1	<0.02	<0.02	.63	66	330	<5.0	74	
MWGS-40B (R)	04/10/95	<0.02	8.5	4.0	2.0	7.1	.50	11	<0.1	<0.02	<0.02	.59	--	360	7.5	67	
MWGS-40B	07/31/95	<0.02	7.6	4.3	.91	8.0	.43	12	<0.1	<0.02	<0.02	.48	64	320	<5.0	75	
MWGS-40B (R)	07/31/95	<0.02	7.7	4.3	.92	8.0	.45	13	<0.1	<0.02	<0.02	.42	--	320	<5.0	79	
MWGS-41A	07/13/92	.18	13	1.2	.92	5.1	.24	6.5	.25	<0.05	<0.1	12	32	290	<5.0	---	
MWGS-41A (R)	07/13/92	.29	11	.58	.95	9.8	.23	5.5	.37	<0.05	<0.1	13	--	330	<5.0	---	
MWGS-41A	09/02/92	---	---	---	---	---	<.02	4.4	1.2	<0.05	<0.02	24	12	100	<5.0	---	
MWGS-41A	11/03/92	.36	9.0	.81	.96	4.0	.04	2.4	1.0	<0.05	<0.02	14	18	150	<5.0	<5.0	
MWGS-41A (R)	11/03/92	.24	8.9	.67	.99	2.6	.06	2.4	1.1	<0.05	<0.02	13	--	160	---	---	
MWGS-41A	11/20/92	---	---	---	---	---	---	---	---	---	---	6.3	--	---	---	---	
MWGS-41A	01/05/93	.32	16	1.3	1.3	9.0	.30	12	<0.1	<0.05	<0.02	4.2	24	300	24	8.8	
MWGS-41A	04/01/93	.15	11	1.2	.76	6.2	.29	5.0	1.7	<0.05	<0.02	9.1	13	120	<5.0	<5.0	
MWGS-41A	06/28/93	.81	13	.81	.50	3.3	.44	3.8	.06	<0.05	<0.02	2.9	12	100	<5.0	5.9	
MWGS-41A	08/05/93	1.5	23	.90	.76	4.5	.53	4.7	.31	<0.05	<0.02	1.4	27	210	---	6.7	
MWGS-41A	10/12/93	.56	12	.85	.52	1.7	.04	1.4	1.3	<0.05	<0.02	6.1	48	180	<5.0	<5.0	
MWGS-41A	12/13/93	---	---	---	---	---	13	330	42	<0.05	<0.02	120	500	540	---	---	
MWGS-41A	01/10/94	<0.02	9.5	2.0	16	530	11	330	37	<0.05	<0.02	130	480	430	<5.0	<5.0	
MWGS-41A	04/25/94	<0.02	6.0	2.0	8.3	210	4.9	140	13	<0.02	<0.02	58	180	280	<5.0	<5.0	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-41A	07/12/94	<0.02	16	3.9	15	370	9.2	310	38	<0.02	<0.02	100	390	430	16	<5.0	
MWGS-41A	10/31/94	<0.02	12	4.7	16	350	1.3	290	.52	<0.02	<0.02	97	430	450	<5.0	<5.0	
MWGS-41A	01/30/95	<0.02	11	3.4	12	330	.99	270	.83	<0.02	<0.02	82	550	550	<5.0	<5.0	
MWGS-41A	04/10/95	<0.02	11	2.9	10	310	.99	250	1.6	<0.02	<0.02	72	450	440	<5.0	<5.0	
MWGS-41A	05/11/95	<0.02	18	4.6	16	350	1.0	290	1.4	<0.02	<0.02	80	480	500	---	---	
MWGS-41A	05/24/95	<0.02	13	3.2	13	300	.79	230	1.0	<0.02	<0.02	48	410	430	---	---	
MWGS-41A	06/01/95	<0.02	11	3.2	13	290	.73	240	1.4	<0.02	<0.02	47	370	360	---	---	
MWGS-41A	06/14/95	<0.02	14	3.6	13	330	.99	270	2.2	<0.02	<0.02	69	540	540	---	---	
MWGS-41A	06/22/95	<0.02	17	4.5	17	380	.79	330	1.7	<0.02	<0.02	87	560	590	---	---	
MWGS-41A	06/28/95	<0.02	15	3.4	14	330	.68	280	1.2	<0.02	<0.02	65	520	540	---	---	
MWGS-41A	07/31/95	<0.02	16	3.5	12	360	.72	300	.91	<0.02	<0.02	82	520	520	<5.0	<5.0	
MWGS-41A	08/23/95	<0.02	17	2.7	9.3	330	.53	200	<.01	<0.02	<0.02	61	410	430	---	---	
MWGS-41A	08/31/95	<0.02	18	7.1	20	400	.82	330	2.8	<0.02	<0.02	120	560	530	---	---	
MWGS-41A	09/07/95	<0.02	14	4.3	15	330	.58	220	1.4	<0.02	<0.02	88	250	250	---	---	
MWGS-41B	07/13/92	<.002	25	1.0	1.0	3.8	.14	4.4	<.01	<.05	.23	.46	16	130	<.05	---	
MWGS-41B (R)	07/13/92	<.002	10	.41	.87	4.9	.15	4.2	<.01	<.05	.31	.55	---	160	<.05	---	
MWGS-41B	09/02/92	---	---	---	---	---	.69	5.5	<.01	<.05	.47	1.4	9.9	100	<.05	---	
MWGS-41B	11/03/92	<.20	1.8	.64	.77	7.1	.22	9.6	.01	<.05	<.02	.99	7.4	200	7.4	6.7	
MWGS-41B (R)	11/03/92	<.20	1.8	.70	1.2	8.1	.24	9.7	.01	<.05	<.02	.82	---	320	---	---	
MWGS-41B	11/20/92	---	---	---	---	---	---	---	---	---	---	2.9	---	---	---	---	
MWGS-41B	01/05/93	.08	1.1	.23	.69	4.3	.13	5.9	<.01	<.05	<.02	.19	7.8	130	<.05	<.05	
MWGS-41B	04/01/93	<.02	.68	.18	.53	4.5	.43	4.8	.22	<.05	<.02	.76	9.4	120	<.05	<.05	
MWGS-41B	06/28/93	<.09	.74	.17	.34	3.1	.13	3.6	<.01	<.05	<.02	.52	4.8	69	<.05	<.05	
MWGS-41B	08/05/93	<.09	.80	.14	.36	2.6	.09	2.7	<.01	<.05	<.02	.19	7.1	78	---	<.05	
MWGS-41B	10/12/93	.14	.21	.37	.43	3.7	.16	4.8	.03	<.05	<.02	.54	32	240	<.05	<.05	
MWGS-41B	01/10/94	<.02	5.6	2.7	1.9	38	3.3	99	.35	<.05	<.02	7.4	16	230	<.05	5.3	
MWGS-41B	04/25/94	.21	1.9	1.0	.85	7.0	.37	9.1	<.01	<.02	<.02	1.4	18	330	15	<.05	
MWGS-41B	07/12/94	.23	2.8	1.1	1.2	9.0	.29	12	<.01	<.02	<.02	.60	12	210	7.4	5.9	
MWGS-41B	10/31/94	.09	.15	.13	.62	2.9	.03	2.1	<.01	<.02	<.02	.28	---	---	<.05	<.05	
MWGS-41B	01/30/95	.27	4.3	.93	1.1	10	.18	20	<.01	<.02	<.02	1.7	5.4	220	6.0	5.0	
MWGS-41B	04/10/95	.20	3.0	1.0	.77	4.7	.27	9.1	<.01	<.02	<.02	.67	16	230	7.9	12	
MWGS-41B	05/11/95	.26	5.0	1.3	.98	5.9	.37	11	<.01	<.02	<.02	2.6	19	260	---	---	
MWGS-41B	05/24/95	.25	3.8	1.3	.98	6.2	.36	12	<.01	<.02	<.02	.83	19	350	---	---	
MWGS-41B	06/01/95	.34	3.4	1.6	1.1	6.0	.32	11	<.01	<.02	<.02	.93	18	340	---	---	

**Table 6 --Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
MWGS-41B	06/14/95	0.37	3.7	1.5	1.2	6.3	0.32	11	<0.01	<0.02	<0.02	1.6	18	410	---	---	
MWGS-41B	06/22/95	.34	3.5	2.2	2.1	8.0	.26	9.8	<.01	<.02	<.02	1.4	16	450	---	---	
MWGS-41B (R)	06/22/95	.42	3.3	1.5	1.6	6.9	.25	9.9	<.01	<.02	<.02	1.6	---	400	---	---	
MWGS-41B	06/28/95	.36	3.5	2.0	1.9	7.9	.23	9.3	<.01	<.02	<.02	1.3	20	520	---	---	
MWGS-41B	07/31/95	1.9	12	1.9	1.1	15	.18	58	<.01	<.02	<.02	.86	10	240	10	7.3	
MWGS-41B	08/16/95	1.8	14	1.4	1.1	16	.13	42	<.01	<.02	<.02	28	7.4	190	---	---	
MWGS-41B (R)	08/16/95	1.7	15	1.5	1.1	16	.13	42	<.01	<.02	<.02	28	---	230	---	---	
MWGS-41B	08/23/95	1.8	18	1.9	1.3	21	.14	38	<.01	<.02	<.02	42	7.6	180	---	---	
MWGS-41B (R)	08/23/95	1.9	18	1.9	1.3	21	.14	38	<.01	<.02	<.02	43	---	230	---	---	
MWGS-41B	08/31/95	2.6	17	1.8	1.5	27	.15	32	<.01	<.02	<.02	54	10	140	---	---	
MWGS-41B (R)	08/31/95	2.5	16	1.8	1.5	27	.15	32	<.01	<.02	<.02	53	---	140	---	---	
MWGS-41B	09/07/95	<.02	19	3.1	1.7	32	.14	59	<.01	<.02	<.02	74	8.0	200	---	---	
MWGS-41B (R)	09/07/95	<.02	19	3.1	1.7	33	.15	61	<.01	<.02	<.02	77	---	210	---	---	
MWGS-41B	09/13/95	2.5	44	5.3	1.8	35	.13	53	<.01	<.02	<.02	180	4.9	160	---	---	
MWGS-41B (R)	09/13/95	2.4	44	5.4	1.8	36	.13	54	<.01	<.02	<.02	180	---	160	---	---	
MWGS-41B	09/20/95	<.02	47	4.2	1.5	25	.13	56	<.01	<.02	<.02	230	12	200	---	---	
MWGS-41B (R)	09/20/95	<.02	48	4.4	1.4	25	.13	55	<.01	<.02	<.02	230	---	190	---	---	
MWGS-41B	09/27/95	<.02	69	5.5	1.8	33	<.02	55	<.01	<.02	<.02	260	5.6	200	---	---	
MWGS-41B (R)	09/27/95	<.02	70	5.7	1.8	35	.05	55	<.01	<.02	<.02	260	---	200	---	---	
MWGS-41B	10/26/95	2.3	34	3.0	1.7	23	.11	43	<.01	<.02	<.02	130	2.3	190	---	---	
MWGS-41B	11/03/95	---	---	---	---	---	.15	42	<.01	<.02	<.02	190	---	---	---	---	
MWGS-41B	12/05/95	---	---	---	---	---	.10	31	<.01	<.02	<.02	260	---	---	---	---	Collected anions with a 0.2-µm filter.
MWGS-41B	01/29/96	---	---	---	---	---	.33	100	<.01	<.02	<.02	430	---	400	---	---	
PW-01A	11/05/92	<.20	16	6.6	1.2	5.9	.15	6.7	.32	<.05	<.02	17	---	---	---	---	
PW-01A	01/07/93	.06	17	7.2	1.8	6.5	.14	8.4	.31	<.05	<.02	15	---	---	18	7.2	
PW-01A	04/05/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
PW-01A	06/29/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
PW-01A	10/14/93	---	---	---	---	---	---	---	---	---	---	---	---	---	5.8	7.7	
PW-01A	01/12/94	---	---	---	---	---	---	---	---	---	---	---	---	---	48	27	
PW-01A	04/26/94	.18	25	7.7	1.2	5.8	.19	8.6	.04	<.02	<.02	11	---	---	---	6.1	
PW-01B	01/07/93	.13	62	6.7	1.8	8.3	.24	9.6	.02	<.05	<.02	13	150	150	---	---	

Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magne- sium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
PW-02	12/14/90	<0.01	3.4	1.6	1.8	1.3	0.16	1.8	0.09	<0.01	<0.02	4.8	15	26	---	---	
PW-02	06/27/91	<0.09	1.5	.73	2.0	3.0	<0.2	3.8	<0.2	<0.6	.05	6.4	8.9	46	---	---	Samples degassing.
PW-02	10/11/91	.38	1.6	.85	3.1	1.3	<0.20	2.7	<1.2	<0.9	<1.9	1.6	15	58	---	---	
PW-02	01/17/92	.42	4.5	2.0	2.2	3.1	.12	8.3	.02	<0.1	1.7	8.2	23	94	<5.0	---	
PW-02	04/02/92	.02	2.8	.88	1.8	2.0	<0.08	2.9	<0.6	<0.5	.53	1.5	24	70	---	---	
PW-02	07/08/92	<.002	27	3.1	1.8	2.1	.04	3.0	.01	<0.5	.47	2.0	33	120	<5.0	---	
PW-02	11/05/92	.87	5.1	1.9	2.5	3.7	.04	2.5	.02	<0.5	<0.2	1.3	46	150	<5.0	<5.0	
PW-02	01/07/93	.06	4.3	1.9	3.5	1.9	.05	3.7	<0.1	<0.5	<0.2	1.6	17	100	19	<5.0	
PW-02	04/06/93	.07	4.5	2.2	2.1	2.8	.05	2.6	<0.1	<0.5	.03	.27	28	150	<5.0	<5.0	
PW-02	06/29/93	.23	6.6	2.6	1.7	2.9	.05	2.5	<0.1	<0.5	<0.2	1.8	28	150	<5.0	<5.0	
PW-02	10/14/93	.22	5.0	1.9	1.6	2.8	.04	2.8	<0.1	<0.5	<0.2	1.1	56	170	---	---	
PW-02	01/12/94	.13	9.6	5.8	3.8	3.2	.07	3.5	<0.1	<0.5	<0.2	1.0	58	140	---	---	
PW-02	04/26/94	.20	5.1	2.5	2.1	3.0	<0.2	4.1	<0.1	<0.2	<0.2	.23	33	120	---	---	
PW-02	07/13/94	.28	5.5	2.0	1.7	3.4	.03	4.4	<0.1	<0.2	<0.2	1.2	24	120	---	---	
PW-02	11/01/94	.15	6.2	2.9	2.7	1.5	.03	2.8	<0.1	<0.2	<0.2	.79	---	---	---	---	
PW-02	01/31/95	.13	7.7	3.9	2.6	1.6	.05	3.2	<0.1	<0.2	<0.2	4.4	39	190	---	---	
PW-02	04/11/95	.13	6.2	2.6	2.1	1.5	<0.2	2.7	<0.1	<0.2	<0.2	.67	25	140	---	---	
PW-02	08/01/95	.74	5.7	2.6	2.1	1.5	<0.2	2.2	<0.1	<0.2	<0.2	1.4	28	110	---	---	
PW-05	04/06/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-01	12/17/90	.27	10	2.0	.91	3.3	.12	3.3	.04	<0.1	<0.2	3.1	35	33	---	---	
SW-01	07/02/91	.55	6.0	1.2	1.2	4.5	<0.2	4.2	<0.2	<0.6	<0.2	5.0	25	45	---	---	
SW-01	01/21/92	.34	16	2.8	.81	6.9	.22	13	.04	<0.1	<0.1	28	23	31	<5.0	---	
SW-01 (R)	01/21/92	.50	5.1	2.9	.89	30	.20	12	.04	<0.1	<0.1	28	---	45	<5.0	---	
SW-01	04/02/92	.31	7.8	1.3	.95	6.5	<0.08	7.0	<0.6	<0.5	<0.9	5.0	46	56	<5.0	---	
SW-01 (R)	04/02/92	.31	8.6	1.2	.99	6.2	.12	6.9	<0.6	<0.5	<0.9	5.0	---	54	<5.0	---	
SW-01	07/07/92	.74	11	1.5	1.2	8.2	.12	26	.01	<0.5	<0.1	15	44	53	---	---	
SW-01	11/02/92	---	---	---	---	---	---	---	---	---	---	---	---	---	5.2	<5.0	
SW-01	01/11/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-01	04/07/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-01	07/01/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-01	01/31/95	<.02	12	1.9	2.7	160	1.5	140	<0.1	<0.2	<0.2	41	---	---	---	---	
SW-01	04/11/95	<.02	11	1.6	3.3	180	1.1	160	<0.1	<0.2	<0.2	46	---	---	<5.0	<5.0	
SW-01	03/31/95	<.02	12	1.8	5.7	270	.82	260	.06	<0.2	<0.2	74	---	---	<5.0	<5.0	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
SW-02	12/17/90	0.69	49	5.5	1.9	10	0.61	11	<0.02	<0.01	<0.02	3.1	80	170	---	---	
SW-02	07/02/91	1.7	22	4.0	1.9	8.8	.33	7.8	<0.2	<0.6	<0.2	12	150	230	---	---	
SW-02	01/21/92	.55	87	8.8	2.2	17	.90	53	.02	<0.1	.14	110	110	280	<5.0	---	
SW-02	04/02/92	.97	57	4.0	1.5	10	.29	15	<0.6	<0.5	<0.9	11	160	230	<5.0	---	
SW-02	07/07/92	1.2	58	3.3	1.8	6.9	.21	17	.01	<0.5	<0.1	7.5	130	280	---	---	
SW-02	11/02/92	---	---	---	---	---	---	---	---	---	---	---	130	210	---	---	
SW-02	01/31/95	---	---	---	---	---	.57	41	.05	<0.2	<0.2	18	---	---	---	---	
SW-03	12/17/90	5.6	22	2.5	25	14	.24	30	1.2	<0.1	<0.2	31	41	49	---	---	
SW-03	07/02/91	.53	14	1.7	.96	6.5	.40	5.3	<0.2	<0.6	<0.2	.68	57	71	---	---	
SW-03	01/21/92	.82	73	7.2	1.9	16	.57	54	.23	<0.1	.12	80	130	130	<5.0	---	
SW-03	04/02/92	.78	51	3.4	1.7	12	.21	11	<0.6	<0.5	<0.9	10	110	130	<5.0	---	
SW-03	07/07/92	.93	44	2.9	1.8	6.9	.33	7.5	.27	<0.5	<0.1	6.9	110	140	---	---	
SW-03	11/02/92	---	---	---	---	---	---	---	---	---	---	---	110	130	---	---	
SW-04	12/17/90	.54	42	4.2	1.4	11	.31	9.8	.15	<0.1	<0.2	3.9	110	100	---	---	
SW-04	07/02/91	.62	20	3.4	2.4	7.9	.22	6.7	.03	<0.6	<0.2	6.3	130	170	---	---	
SW-04	01/21/92	.72	66	6.0	1.8	17	.60	46	.87	<0.1	.12	63	110	140	<5.0	---	
SW-04	04/02/92	.26	42	3.1	1.5	10	.18	12	<0.6	<0.5	<0.9	8.3	93	110	<5.0	---	
SW-04	07/07/92	.83	37	3.2	1.6	6.1	.19	7.1	.12	<0.5	<0.1	5.6	120	140	---	---	
SW-04	11/02/92	---	---	---	---	---	---	---	---	---	---	---	85	100	---	---	
SW-05	12/17/90	.54	43	4.5	1.4	11	.17	10	.09	<0.1	<0.2	4.7	89	84	---	---	
SW-05	07/02/91	1.2	21	3.5	1.7	8.0	.37	6.7	.21	<0.6	.04	6.6	180	180	---	---	
SW-05	01/21/92	1.5	66	6.3	2.2	17	.78	47	.99	<0.1	.09	55	130	120	<5.0	---	
SW-05	04/02/92	.26	46	3.7	1.8	11	.17	6.9	.32	<0.5	<0.9	8.5	110	110	<5.0	---	
SW-05	07/07/92	.73	39	2.6	1.6	6.4	.18	7.0	.18	<0.5	<0.1	6.4	99	110	---	---	
SW-05	11/02/92	---	---	---	---	---	---	---	---	---	---	---	85	98	---	---	
SW-06	07/02/91	<.09	21	3.1	.93	9.6	.16	7.3	<0.2	<0.6	<0.2	11	180	160	---	---	
SW-06	01/21/92	---	91	8.6	1.6	33	.39	64	1.3	<0.1	.10	65	94	110	<5.0	---	
SW-06	04/02/92	.12	43	4.4	1.4	13	.13	8.4	.24	<0.5	<0.9	10	90	83	<5.0	---	
SW-06	07/07/92	.52	29	2.4	1.5	6.3	.17	7.1	.32	<0.5	<0.1	6.9	110	110	---	---	
SW-06	11/02/92	---	---	---	---	---	---	---	---	---	---	---	110	120	---	---	

**Table 6 --Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
SW-07	07/02/91	2.8	20	4.0	1.7	9.1	0.07	8.0	<0.02	<0.06	<0.02	5.9	110	180	---	---	
SW-07	01/21/92	.54	23	3.3	2.0	16	.23	43	.17	<0.1	<0.1	51	43	44	<5.0	---	
SW-07	04/02/92	.73	27	2.3	1.5	9.6	<.08	10	.19	<.05	<.09	10	81	93	<5.0	---	
SW-07	07/07/92	2.1	38	2.2	2.6	7.9	.11	21	.25	<.05	<.01	3.6	110	130	---	---	
SW-07	11/02/92	---	---	---	---	---	---	---	---	---	---	---	25	28	---	---	
SW-08	11/02/92	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-08	01/06/93	---	---	---	---	---	---	---	---	---	---	---	---	---	27	<5.0	
SW-08	04/02/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-08	06/30/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
SW-12	07/07/92	.84	11	2.1	1.4	12	.16	35	<.01	<.05	<.01	16	98	180	<5.0	---	
SW-12	01/31/95	<.02	13	2.1	3.4	170	.87	130	<.01	<.02	<.02	43	---	---	---	---	
SW-12	04/11/95	<.02	11	1.8	4.0	180	.65	150	<.01	<.02	<.02	46	---	---	<5.0	<5.0	
SW-12	08/01/95	<.02	14	2.0	7.2	260	.66	240	<.01	<.02	<.02	72	---	---	<5.0	<5.0	
W-001	12/12/90	.08	12	3.9	.45	8.5	.28	6.3	.10	<.01	<.02	<.02	12	61	---	---	
W-001	06/25/91	<.09	.23	.19	.39	7.8	<.02	4.6	<.02	<.06	.26	<.10	48	120	---	---	
W-001	01/16/92	.42	7.0	3.9	.41	12	.18	10	.19	<.01	.33	.49	26	75	<5.0	---	
W-001	04/01/92	<.02	4.6	1.3	.38	9.3	<.08	4.4	<.06	<.05	.18	.72	78	160	<5.0	---	
W-001	07/07/92	.12	4.6	2.0	.44	5.2	.09	6.1	.06	<.05	.14	1.0	78	200	<5.0	---	
W-001	11/05/92	.23	6.8	3.1	.41	5.9	.10	5.2	<.01	<.05	.17	<.01	52	170	---	---	
W-001	10/14/93	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
W-001	01/12/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
W-001	04/26/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
W-001	07/13/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	49	
W-001	11/01/94	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	6.1	
W-001	01/31/95	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	5.9	
W-001	04/11/95	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	<5.0	
W-001	08/01/95	---	---	---	---	---	---	---	---	---	---	---	---	---	<5.0	5.0	
W-003	06/25/91	<.09	1.3	1.7	.62	9.6	.34	7.4	.39	<.06	<.02	19	5.6	120	---	---	Samples degassing.
W-003	01/17/92	<.01	2.1	1.7	.61	18	.17	42	.17	<.01	<.01	38	3.3	88	<5.0	---	
W-003	04/03/92	<.02	1.7	.81	.53	9.9	<.08	7.5	.29	<.05	<.09	13	10	140	<5.0	---	
W-003	07/08/92	<.002	1.2	.99	.52	7.3	.07	5.9	.09	<.05	<.01	13	7.1	110	<5.0	---	

**Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued**

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammonium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
W-003	11/06/92	<0.20	2.9	2.7	0.88	7.3	0.06	5.4	0.26	<0.05	<0.02	29	7.1	110	---	---	---
W-103	12/13/90	.07	11	1.2	.95	4.9	<0.2	3.5	2.9	<0.1	<0.2	12	6.1	63	---	---	---
W-103	07/16/92	.02	9.1	.62	1.1	3.0	<0.1	2.1	.86	<0.5	.14	20	14	89	<5.0	---	---
W-105	12/13/90	.67	5.0	2.4	.74	3.5	<0.2	9.0	.40	<0.1	.16	13	12	72	---	---	---
W-105	06/24/91	.60	4.5	2.2	.55	5.1	<0.2	4.3	<0.2	<0.6	.43	22	22	68	---	---	---
W-105	01/15/92	.71	6.7	3.0	.86	5.6	.12	6.7	.06	<0.1	.75	57	---	75	<5.0	---	---
W-105	04/07/92	.40	3.0	1.8	.79	4.1	.09	3.3	<0.6	<0.5	<0.9	21	36	110	<5.0	---	---
W-105	06/10/92	1.7	3.2	1.8	.80	1.8	<0.4	4.7	.03	<0.5	.06	22	36	110	<5.0	---	---
W-105	07/15/92	.38	5.1	1.2	.78	3.1	.03	3.0	<0.1	<0.5	.18	16	41	120	<5.0	---	---
W-105	11/06/92	.34	3.0	1.6	.63	2.7	.02	4.0	.08	<0.5	<0.2	12	110	150	---	---	---
W-105	05/13/93	---	---	---	---	---	.03	3.4	.14	<0.5	.09	16	28	93	---	---	---
W-105	05/20/93	---	---	---	---	---	.04	3.5	.06	<0.5	.05	15	25	100	---	---	---
W-105 (R)	05/20/93	---	---	---	---	---	.04	3.4	.05	<0.5	.04	15	---	100	---	---	---
W-105	05/27/93	---	---	---	---	---	.06	4.2	.21	<0.5	<0.2	16	44	120	---	---	---
W-105 (R)	05/27/93	---	---	---	---	---	.06	4.0	.20	<0.5	<0.2	16	---	110	---	---	---
W-105	06/03/93	---	---	---	---	---	.06	5.9	.05	<0.5	<0.2	16	45	120	---	---	---
W-105 (R)	06/03/93	---	---	---	---	---	.08	5.9	.05	<0.5	<0.2	16	---	120	---	---	---
W-105	06/08/93	---	---	---	---	---	.06	7.8	.04	<0.5	<0.2	16	27	97	---	---	---
W-105 (R)	06/08/93	---	---	---	---	---	.06	7.7	.03	<0.5	<0.2	16	---	95	---	---	---
W-105	06/24/93	---	---	---	---	---	.14	12	.01	<0.5	<0.2	15	48	140	---	---	---
W-105 (R)	06/24/93	---	---	---	---	---	.16	12	.07	<0.5	<0.2	15	---	140	---	---	---
W-105	06/30/93	1.1	61	2.9	.83	5.7	.17	9.6	.04	<0.5	<0.2	15	---	---	---	---	---
W-105	08/04/93	1.0	6.1	2.8	.73	9.1	.40	11	.06	<0.5	<0.2	12	43	140	---	---	---
W-105	09/14/93	---	---	---	---	---	.04	2.8	.03	<0.5	<0.2	12	26	100	---	---	---
W-105	10/13/93	.69	4.8	2.3	.63	2.9	.04	2.4	.08	<0.5	<0.2	8.1	---	---	---	---	---
W-105	01/11/94	1.4	6.0	2.8	1.5	17	.50	14	.38	<0.5	<0.2	6.6	---	---	---	---	---
W-105	04/26/94	.86	6.4	2.5	1.0	15	.72	16	.22	<0.2	<0.2	9.3	---	---	---	---	---
W-105	07/14/94	.63	8.1	2.5	.88	11	.26	9.7	<0.1	<0.2	<0.2	5.2	---	---	---	---	---
W-105	11/02/94	.55	5.3	2.1	.77	3.4	.87	25	.05	<0.2	<0.2	11	---	---	---	---	---
W-105	02/01/95	.49	5.3	2.4	.66	2.7	.04	4.1	.08	<0.2	<0.2	.84	---	---	---	---	---
W-105	04/12/95	.72	9.6	3.5	.80	2.4	.05	4.2	<0.1	<0.2	<0.2	13	---	---	---	---	---
W-105	08/02/95	<0.2	11	2.7	1.1	67	.15	51	.04	<0.2	<0.2	21	---	---	---	---	---

Table 6.--Inorganic water-chemistry data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between December 1990 and January 1996--Continued

[Cations and anions are reported as ionic concentrations; mg/L, milligrams per liter; CaCO<sub>3</sub>, calcium carbonate; µg/L, micrograms per liter; <, less than (number indicates minimum detection limit); ---, not analyzed; (R), indicates replicate sample; µm, micrometer]

Site identification (plate 1)	Date	Ammon- ium (mg/L)	Calcium (mg/L)	Magnes- ium (mg/L)	Potass- ium (mg/L)	Sodium (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Phos- phate (mg/L)	Sulfate (mg/L)	Calculated alkalinity as CaCO <sub>3</sub> (mg/L)	Dissolved inorganic carbon (mg/L)	Lead (µg/L)	Arsenic (µg/L)	Remarks
W-107	07/01/91	0.85	5.6	0.75	0.58	6.4	0.42	6.3	<0.02	<0.06	<0.02	0.33	3.5	150	---	---	
W-107	01/15/92	<.01	11	2.4	.53	15	.79	23	<.01	<.01	.75	4.9	9.5	220	5.1	17	
W-107	04/09/92	.17	6.9	1.0	.56	6.7	.31	11	<.06	<.05	.28	1.1	18	200	5.4	---	
W-107	07/15/92	.15	8.7	.95	.81	1.4	.16	4.7	.93	<.05	.34	8.8	28	220	<5.0	---	
W-108	12/13/90	.60	12	2.4	.97	7.7	.76	12	<.02	<.01	<.02	6.2	1.6	150	---	---	
W-108	07/01/91	.24	9.3	1.1	.46	6.5	.72	7.7	<.02	<.06	.05	.08	6.0	200	---	---	
W-108	01/15/92	.48	4.9	.83	.66	10	.57	15	.03	<.01	1.2	1.1	8.2	120	<5.0	<9.0	
W-108	04/09/92	.07	4.2	.36	.59	5.1	.18	7.7	.53	<.05	.17	4.0	7.6	99	<5.0	---	
W-108	07/15/92	.10	.96	<.02	.25	1.1	.01	1.9	.02	<.05	.69	1.4	33	120	<5.0	---	
WT-06	07/08/91	<.09	.16	.81	.69	12	.26	36	.19	<.06	<.02	7.0	2.7	93	---	---	Bubbles in peristaltic-pump tubing.
WT-06	04/03/92	<.02	<.04	.50	.44	21	.25	40	.12	<.05	<.09	4.4	5.6	140	<5.0	---	
WT-06	06/29/93	<.09	.27	.81	.39	28	.52	32	.17	<.05	<.02	9.4	9.3	150	---	---	
WT-06	04/27/94	<.02	.27	.72	.60	20	.11	24	.13	<.02	<.02	12	6.6	73	---	---	
WT-06	04/11/95	<.02	.54	.95	.34	15	.07	16	.10	<.02	<.02	15	6.6	110	---	---	
WT-06	08/01/95	<.02	.36	.56	.41	17	.06	15	.32	<.02	<.02	24	8.5	110	---	---	
WT-07	07/08/91	<.09	1.2	.43	.90	4.6	<.20	4.1	.04	<.06	.52	14	.89	30	---	---	Bubbles in peristaltic-pump tubing.
WT-07	01/21/92	<.01	4.0	1.4	.99	6.3	<.01	16	1.8	<.01	<.01	29	1.6	18	<5.0	---	
WT-07	04/03/92	<.02	1.9	.45	.82	4.9	<.08	5.2	.22	<.05	<.09	8.5	2.2	35	<5.0	---	
WT-07	07/10/92	<.002	2.6	.51	1.0	2.7	.01	3.9	.05	<.05	<.01	10	2.2	57	<5.0	---	
WT-07	11/06/92	<.20	1.8	.50	.66	2.8	<.02	3.4	.01	<.05	<.02	14	4.0	63	---	---	
WT-07	01/08/93	<.01	2.6	.70	1.0	3.0	<.02	4.8	.02	<.05	.03	8.4	14	66	---	---	
WT-07	04/06/93	.11	1.9	.54	.48	4.0	<.02	6.1	.01	<.05	<.02	7.3	2.0	75	---	---	
WT-07	10/14/93	<.09	2.1	.71	.71	4.1	.02	4.7	.23	<.05	<.02	9.2	5.6	45	---	---	
WT-07	01/12/94	.18	3.9	1.3	1.4	6.3	<.02	9.2	<.01	<.05	<.02	11	7.4	36	---	---	
WT-07	07/13/94	<.02	2.8	.66	1.2	4.7	<.01	10	<.01	<.02	<.02	3.9	2.9	89	---	---	
WT-07	11/01/94	<.02	2.3	.50	.72	3.6	.07	6.0	<.01	<.02	<.02	2.2	---	---	---	---	
WT-07	01/31/95	<.02	3.3	.73	.55	4.4	.09	7.4	<.01	<.02	<.02	6.7	17	140	---	---	



**Table 7.**--Tentative identification and estimated concentrations of volatile- and extractable-organic compounds using comparison of mass spectral data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C.

[µg/L, micrograms per liter; ---, data not available]

Well identification	Compound	Estimated concentration (µg/L)	Probability base matching (percent)
<b>July 1991 analysis</b>			
MW-05	None detected	---	---
MWGS-20	Naphthalene	18	---
	Benzene	11	---
	Toluene	72	---
	Ethylbenzene	18	---
MWGS-20R	Naphthalene	19	---
W-107	Naphthalene	71	---
	Nitrobenzene	11	---
	Toluene	1,600	---
	Ethylbenzene	130	---
	Xylene	280	---
<b>July 1992 analysis</b>			
MWGS-34B	C9 Alkylbenzene	41	---
	C9 Alkylbenzene	18	---
	Trimethylbenzene (isomer)	120	96
	Tetramethylbenzene (isomer)	6	94
	Dimethylnaphthalene	16	97
	Dimethyl disulfide	150	97
	Methylundecane	120	83
	Dodecane	950	97
	C9 Alkylbenzene	150	97

**Table 7.**—Tentative identification and estimated concentrations of volatile- and extractable-organic compounds using comparison of mass spectral data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C.--Continued

[µg/L, micrograms per liter; ---, data not available]

Well identification	Compound	Estimated concentration (µg/L)	Probability base matching (percent)
<b>July 1992 analysis--Continued</b>			
MWGS-34B--Continued	C9 Alkylbenzene	100	96
	Methylnaphthalene	220	87
MWGS-40A	C9 Alkylbenzene	12	---
	C9 Alkylbenzene	10	---
	C10 Alkylbenzene	16	---
	Tetramethylbenzene (isomer)	19	89
	Methyl-naphthalene	22	93
	C9 Alkylbenzene	40	---
	Trimethylbenzene (isomer)	90	97
	C9 Alkylbenzene	30	95
	C10 Alkylbenzene	30	83
MWGS-40B	Trimethylbenzene (isomer)	50	97
	Unknown	60	---
	Unknown	80	---
	Unknown	70	---
	Octanoic Acid	110	83
	Unknown	60	---
	Toluene	220	---
	Ethylbenzene	40	---
	Xylene (isomer)	40	---
MWGS-41A	C9 Alkylbenzene	26	---
	Tetramethylbenzene (isomer)	15	96
	C9 Alkylbenzene	70	---

**Table 7.--**Tentative identification and estimated concentrations of volatile- and extractable-organic compounds using comparison of mass spectral data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C.--Continued

[µg/L, micrograms per liter; ---, data not available]

Well identification	Compound	Estimated concentration (µg/L)	Probability base matching (percent)
<b>July 1992 analysis--Continued</b>			
MWGS-41A--Continued	C9 Alkylbenzene	50	---
	Trimethylbenzene (isomer)	160	97
	C9 Alkylbenzene	60	---
	C10 Alkylbenzene	30	---
MWGS-31B	C9 Alkylbenzene	34	---
	C9 Alkylbenzene	16	---
	Trimethylbenzene (isomer)	100	95
	Dimethylnaphthalene	10	95
MWGS-40BR	Toluene	250	---
	Ethylbenzene	22	---
	Xylene	49	---
	Dimethylnaphthalene	10	---
	Propylbenzene	17	---
	2-Methylnaphthalene	50	---
	C9 Alkylbenzene	34	---
	Trimethylbenzene (isomer)	23	---
	C9 Alkylbenzene	17	---
	Trimethylbenzene (isomer)	82	---
	Tetramethylbenzene	25	---
MWGS-34A	None detected	---	---
MWGS-41B	Unknown	50	---
	Methylbutane	60	89
	Dimethylpentane (isomer)	90	95

**Table 7.**—Tentative identification and estimated concentrations of volatile- and extractable-organic compounds using comparison of mass spectral data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C.--Continued

[µg/L, micrograms per liter; ---, data not available]

Well identification	Compound	Estimated concentration (µg/L)	Probability base matching (percent)
<b>July 1992 analysis--Continued</b>			
MWGS-41B--Continued	Dimethylpentane (isomer)	120	95
	Dimethylpentane (isomer)	170	86
	Trimethylpentane (isomer)	80	96
	Trimethylpentane (isomer)	90	89
	C9 Alkylbenzene	30	---
	Trimethylbenzene (isomer)	50	96
	Methylnaphthalene	50	94
MWGS-33A	2-Methylbutane	30	89
	Propylbenzene	40	97
	C9 Alkylbenzene	110	---
	Trimethylbenzene (isomer)	50	97
	C9 Alkylbenzene	70	---
	Trimethylbenzene	240	97
	C9 Alkylbenzene	110	---
	C10 Alkylbenzene	30	---
MWGS-33B	2-Methylbutane	30	89
	Dimethylpentane	80	95
	Trimethylpentane	50	86
	Trimethylpentane	70	89
	C10 Alkylbenzene	60	89
	Trimethylpentane	60	96
	C10 Alkylbenzene	40	81
	Unknown hydrocarbon	160	---

**Table 7.**—Tentative identification and estimated concentrations of volatile- and extractable-organic compounds using comparison of mass spectral data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C.--Continued

[µg/L, micrograms per liter; ---, data not available]

Well identification	Compound	Estimated concentration (µg/L)	Probability base matching (percent)
<b>July 1992 analysis--Continued</b>			
EW-05	Methylcyclopentane	450	93
	Cyclohexane	500	97
	Methylcyclohexane	300	96
	C9 Alkylbenzene	200	97
	Trimethylbenzene (isomers)	250	97
	Xylenes (total)	1,600	100
	Trimethylbenzene (isomer)	31	97
	Trimethylbenzene (isomer)	62	96
	Trimethylbenzene (isomer)	43	97
	C10 Alkylbenzene	15	97
	Tetramethylbenzene (isomer)	12	94
	C11 Alkyl-naphthalene	39	95
	C12 Alkyl-naphthalene	12	99
EW-07	Trimethylpentane (isomer)	30	86
	Cyclohexane	110	95
	Methylcyclohexane	70	96
	C9 Alkylbenzene	30	97
	Trimethylbenzene (isomers)	40	97
	3-Methylpentane	40	86
	Methylcyclopentane	140	89
	1,3,5-Triazine-2,4-diamine, 6-methoxy N, N'bis	19	99

**Table 7.**—Tentative identification and estimated concentrations of volatile- and extractable-organic compounds using comparison of mass spectral data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C.--Continued

[µg/L, micrograms per liter; ---, data not available]

Well identification	Compound	Estimated concentration (µg/L)	Probability base matching (percent)
<b>May 1993 analysis</b>			
MW-11A	Pentane	250	87
	C5H10 Unknown hydrocarbons	300	---
	C6H12 Unknown hydrocarbons	350	---
	Cyclohexane	700	95
	Methylcyclohexane	250	96
MW-12	Methylbutane	380	84
	C5H12 Unknown hydrocarbons	70	---
	Unknown hydrocarbons	70	---
	Unknown hydrocarbons	140	---
	Dimethylpentane (isomer)	270	95
	Trimethylpentane (isomer)	200	83
	Trimethylpentane (isomer)	90	86
	Trimethylpentane (isomer)	130	89
MWGS-37	Pentane	150	86
	C5H10 Unknown hydrocarbons	200	---
	Unknown hydrocarbons	200	---
	C6H12 Unknown hydrocarbons	800	---
	Cyclohexane	900	95
	Methylcyclohexane	300	94
	C9H12 Alkylbenzene (isomer)	200	95
	C9H12 Alkylbenzene (isomer)	200	96

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
B-102	WL	05/28/91	---	40.17	8.02	32.15	
B-102	WL	07/01/91	---	40.17	8.56	31.61	
B-102	WL	08/06/91	---	40.17	6.36	33.81	
B-102	WL	08/30/91	---	40.17	5.90	34.27	
B-102	WL	09/27/91	---	40.17	7.22	32.95	
B-102	WL	10/29/91	---	40.17	8.75	31.42	
B-102	WL	12/02/91	---	40.17	10.30	29.87	
B-102	WL	01/02/92	---	40.17	11.26	28.91	
B-102	WL	02/04/92	---	40.17	8.70	31.47	
B-102	WL	03/06/92	---	40.17	8.90	31.27	
B-102	WL	03/31/92	---	40.17	8.76	31.41	
B-102	WL	05/01/92	---	40.17	8.92	31.25	
B-102	WL	06/11/92	1534	40.17	7.96	32.21	
B-102	WL	07/07/92	1430	40.17	7.88	32.29	
B-102	WL	08/07/92	1412	40.17	8.12	32.05	
B-102	WL	08/31/92	1256	40.17	5.71	34.46	
B-102	WL	10/07/92	1344	40.17	5.25	34.92	
B-102	WL	10/28/92	1406	40.17	6.38	33.79	
B-102	WL	12/03/92	1250	40.17	6.23	33.94	
B-102	WL	01/04/93	1220	40.17	7.49	32.68	
B-102	WL	02/04/93	1340	40.17	5.81	34.36	
B-102	WL	03/05/93	1225	40.17	6.44	33.73	
B-102	WL	03/30/93	1150	40.17	5.78	34.39	
B-102	WL	05/06/93	1300	40.17	6.88	33.29	
B-102	WL	04/30/91	1210	40.17	7.81	32.36	
B-103	WL	04/30/91	1130	41.01	10.68	30.33	
B-103	WL	05/28/91	---	41.01	10.91	30.10	
B-103	WL	07/01/91	---	41.01	10.10	30.91	
B-103	WL	08/06/91	---	41.01	9.98	31.03	
B-103	WL	08/30/91	---	41.01	9.78	31.23	
B-103	WL	09/27/91	---	41.01	10.96	30.05	
B-103	WL	10/29/91	---	41.01	11.53	29.48	
B-103	WL	12/02/91	---	41.01	11.85	29.16	
B-103	WL	01/02/92	---	41.01	12.13	28.88	
B-103	WL	02/04/92	---	41.01	11.23	29.78	
B-103	WL	03/06/92	---	41.01	11.30	29.71	
B-103	WL	03/31/92	---	41.01	11.22	29.79	
B-103	WL	05/01/92	---	41.01	11.33	29.68	
B-103	WL	06/11/92	1510	41.01	10.49	30.52	
B-103	WL	07/07/92	1500	41.01	10.96	30.05	
B-103	WL	08/07/92	1353	41.01	10.82	30.19	
B-103	WL	08/31/92	1229	41.01	9.61	31.40	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
B-103	WL	10/07/92	1226	41.01	9.56	31.45	
B-103	WL	10/28/92	1342	41.01	10.36	30.65	
B-103	WL	12/03/92	1226	41.01	10.19	30.82	
B-103	WL	01/04/93	1210	41.01	10.90	30.11	
B-103	WL	02/04/93	1337	41.01	9.89	31.12	
B-103	WL	03/05/93	1212	41.01	10.23	30.78	
B-103	WL	03/30/93	1132	41.01	9.99	31.02	
B-103	WL	05/06/93	1150	41.01	10.69	30.32	
B-103	WL	05/28/93	1145	41.01	11.16	29.85	
B-103	WL	07/07/93	1135	41.01	11.10	29.91	
B-103	WL	08/06/93	1114	41.01	11.00	30.01	
B-103	WL	09/03/93	1131	41.01	10.90	30.11	
B-103	WL	09/30/93	1149	41.01	10.71	30.30	
B-103	WL	10/28/93	1128	41.01	11.37	29.64	
B-103	WL	12/01/93	1437	41.01	11.05	29.96	
B-103	WL	01/06/94	1152	41.01	10.84	30.17	
B-103	WL	02/01/94	1115	41.01	9.98	31.03	
B-103	WL	03/04/94	1130	41.01	9.99	31.02	
B-105	WL	04/30/91	1150	34.85	1.88	32.97	
B-105	WL	05/28/91	---	34.85	2.30	32.55	
B-105	WL	07/01/91	---	34.85	2.59	32.26	
B-105	WL	08/06/91	---	34.85	1.83	33.02	
B-105	WL	08/30/91	---	34.85	1.63	33.22	
B-105	WL	09/27/91	---	34.85	3.11	31.74	
B-105	WL	10/29/91	---	34.85	3.69	31.16	
B-105	WL	12/02/91	---	34.85	3.85	31.00	
B-105	WL	01/02/92	---	34.85	3.61	31.24	
B-105	WL	02/04/92	---	34.85	2.13	32.72	
B-105	WL	03/06/92	---	34.85	2.67	32.18	
B-105	WL	03/31/92	---	34.85	2.05	32.80	
B-105	WL	05/01/92	---	34.85	2.83	32.02	
B-105	WL	06/11/92	1517	34.85	1.28	33.57	
B-105	WL	07/07/92	1448	34.85	2.93	31.92	
B-105	WL	08/07/92	1401	34.85	2.52	32.33	
B-105	WL	08/31/92	1237	34.85	2.10	32.75	
B-105	WL	10/07/92	1237	34.85	1.59	33.26	
B-105	WL	10/28/92	1354	34.85	2.62	32.23	
B-105	WL	12/03/92	1237	34.85	1.98	32.87	
B-105	WL	01/04/93	1215	34.85	2.54	32.31	
B-105	WL	02/04/93	1347	34.85	2.10	32.75	
B-105	WL	03/05/93	1221	34.85	1.70	33.15	
B-105	WL	03/30/93	1147	34.85	1.74	33.11	
B-105	WL	05/06/93	1249	34.85	2.80	32.05	
B-105	WL	05/28/93	1154	34.85	3.38	31.47	



**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
B-105	WL	07/07/93	1145	34.85	3.10	31.75	
B-105	WL	09/03/93	1140	34.85	3.24	31.61	
B-105	WL	09/30/93	1150	34.85	2.67	32.18	
B-105	WL	10/28/93	1140	34.85	3.38	31.47	
B-105	WL	12/01/93	1451	34.85	2.51	32.34	
B-105	WL	01/06/94	1158	34.85	1.80	33.05	
B-105	WL	02/01/94	1144	34.85	1.41	33.44	
B-105	WL	03/04/94	1030	34.85	1.49	33.36	Measuring point appeared disturbed.
B-106	WL	04/30/91	1155	39.08	6.11	32.97	
B-106	WL	05/28/91	---	39.08	6.51	32.57	
B-106	WL	07/01/91	---	39.08	6.95	32.13	
B-106	WL	08/06/91	---	39.08	5.37	33.71	
B-106	WL	08/30/91	---	39.08	5.03	34.05	
B-106	WL	09/27/91	---	39.08	6.76	32.32	
B-106	WL	10/29/91	---	39.08	7.67	31.41	
B-106	WL	12/02/91	---	39.08	8.62	30.46	
B-106	WL	01/02/92	---	39.08	8.72	30.36	
B-106	WL	02/04/92	---	39.08	6.32	32.76	
B-106	WL	03/06/92	---	39.08	6.87	32.21	
B-106	WL	03/31/92	---	39.08	6.43	32.65	
B-106	WL	05/01/92	---	39.08	7.01	32.07	
B-106	WL	06/11/92	1519	39.08	5.83	33.25	
B-106	WL	07/07/92	1441	39.08	6.64	32.44	
B-106	WL	08/07/92	1404	39.08	6.84	32.24	
B-106	WL	08/31/92	1241	39.08	5.29	33.79	
B-106	WL	10/07/92	1241	39.08	4.85	34.23	
B-106	WL	10/28/92	1355	39.08	6.05	33.03	
B-106	WL	12/03/92	1244	39.08	5.60	33.48	
B-106	WL	01/04/93	1220	39.08	6.53	32.55	
B-106	WL	02/04/93	1343	39.08	5.52	33.56	
B-106	WL	03/05/93	1216	39.08	5.67	33.41	
B-106	WL	03/30/93	1140	39.08	5.20	33.88	
B-106	WL	05/06/93	1252	39.08	6.48	32.60	
B-106	WL	05/28/93	1151	39.08	7.20	31.88	
B-106	WL	07/07/93	1141	39.08	7.40	31.68	
B-106	WL	08/06/93	1119	39.08	6.96	32.12	
B-106	WL	09/03/93	1134	39.08	7.24	31.84	
B-106	WL	09/30/93	1155	39.08	6.56	32.52	
B-106	WL	10/28/93	1134	39.08	7.66	31.42	
B-106	WL	12/01/93	1441	39.08	6.92	32.16	
B-106	WL	01/06/94	1202	39.08	6.19	32.89	
B-106	WL	02/01/94	1110	39.08	5.18	33.90	
B-106	WL	03/04/94	1125	39.08	6.15	32.93	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
B-109	WL	04/30/91	1220	38.70	6.90	31.80	
B-109	WL	05/28/91	---	38.70	7.29	31.41	
B-109	WL	07/01/91	---	38.70	7.99	30.71	
B-109	WL	08/06/91	---	38.70	5.77	32.93	
B-109	WL	08/30/91	---	38.70	5.10	33.60	
B-109	WL	09/27/91	---	38.70	7.11	31.59	
B-109	WL	10/29/91	---	38.70	8.65	30.05	
B-109	WL	12/02/91	---	38.70	9.82	28.88	
B-109	WL	01/02/92	---	38.70	10.67	28.03	
B-109	WL	02/04/92	---	38.70	7.78	30.92	
B-109	WL	03/06/92	---	38.70	8.24	30.46	
B-109	WL	03/31/92	---	38.70	7.85	30.85	
B-109	WL	05/01/92	---	38.70	8.23	30.47	
B-109	WL	06/11/92	1539	38.70	6.74	31.96	
B-109	WL	07/07/92	1425	38.70	7.57	31.13	
B-109	WL	08/07/92	1423	38.70	7.88	30.82	
B-109	WL	08/31/92	1302	38.70	5.45	33.25	
B-109	WL	10/07/92	1339	38.70	4.93	33.77	
B-109	WL	10/28/92	1410	38.70	6.22	32.48	
B-109	WL	12/03/92	1245	38.70	5.73	32.97	
B-109	WL	01/04/93	1215	38.70	7.09	31.61	
B-109	WL	02/04/93	1330	38.70	5.33	33.37	
B-109	WL	03/05/93	1220	38.70	5.60	33.10	
B-109	WL	03/30/93	1145	38.70	5.18	33.52	
B-109	WL	05/06/93	1255	38.70	6.63	32.07	
B-109	WL	05/28/93	1205	38.70	7.76	30.94	
B-109	WL	07/07/93	1155	38.70	8.45	30.25	
B-109	WL	08/06/93	1130	38.70	8.27	30.43	
B-109	WL	09/03/93	1145	38.70	7.91	30.79	
B-109	WL	09/30/93	1140	38.70	7.17	31.53	
B-109	WL	10/28/93	1140	38.70	8.72	29.98	
B-109	WL	12/01/93	1450	38.70	8.08	30.62	
B-109	WL	01/06/94	1210	38.70	7.59	31.11	
B-109	WL	02/01/94	1100	38.70	5.80	32.90	
B-109	WL	03/04/94	1115	38.70	5.84	32.86	
EW-01	EW	04/30/91	1511	36.21	9.77	26.44	
EW-01	EW	05/28/91	---	36.21	9.95	26.26	
EW-01	EW	05/14/92	1005	36.27	11.10	25.17	New measuring point established.
EW-02	EW	04/30/91	1340	35.76	14.56	21.20	
EW-02	EW	05/28/91	---	35.76	10.68	25.08	
EW-02	EW	05/14/92	1019	35.83	11.89	23.94	New measuring point established.
EW-03	EW	04/30/91	1505	32.53	11.03	21.50	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
EW-03	EW	05/28/91	1505	32.53	11.23	21.30	
EW-03	EW	05/14/92	1036	32.59	12.49	20.10	New measuring point established.
EW-08	EW	04/30/91	1459	37.50	16.01	21.49	
EW-08	EW	05/28/91	---	37.50	16.10	21.40	
EW-08	EW	05/14/92	1042	37.56	17.74	19.82	New measuring point established.
EW-09	EW	04/30/91	1356	37.86	16.44	21.42	
EW-09	EW	05/28/91	---	37.86	16.52	21.34	
EW-09	EW	02/04/92	1208	37.94	25.23	12.71	New measuring point established.
EW-09	EW	05/01/92	1536	37.94	17.13	20.81	
EW-09	EW	05/01/92	1052	37.94	20.89	17.05	
EW-10	EW	04/30/91	1356	37.77	16.90	20.87	
EW-10	EW	05/28/91	---	37.77	16.92	20.85	
EW-10	EW	02/04/92	1115	37.84	17.72	20.12	New measuring point established.
EW-10	EW	05/01/92	1539	37.84	17.44	20.40	
EW-10	EW	05/01/92	1047	37.84	18.99	18.85	
EW-11	EW	04/30/91	1407	37.15	13.03	24.12	
EW-11	EW	05/28/91	1444	37.15	13.09	24.06	
EW-11	EW	02/04/92	1228	37.18	23.30	13.88	New measuring point established.
EW-11	EW	05/01/92	1042	37.18	16.94	20.24	
EW-11	EW	05/01/92	1542	37.18	13.48	23.70	
EW-12	EW	04/30/91	1413	36.56	10.64	25.92	
EW-12	EW	05/28/91	1440	36.56	10.82	25.74	
EW-13	EW	04/30/91	1418	36.30	9.60	26.70	
EW-13	EW	05/28/91	1431	36.30	9.83	26.47	
EW-13	EW	02/04/92	---	36.36	10.25	26.11	Pre-start-up water levels; new measuring point established.
EW-13	EW	02/12/92	---	36.36	12.91	23.45	
EW-13	EW	02/20/92	1531	36.36	11.40	24.96	
EW-13	EW	02/25/92	0931	36.36	10.41	25.95	
EW-13	EW	02/25/92	1520	36.36	13.20	23.16	
EW-13	EW	03/09/92	1106	36.36	10.45	25.91	
EW-14	EW	04/30/91	1449	36.06	9.24	26.82	
EW-14	EW	05/28/91	1427	36.06	9.47	26.59	
EW-14	EW	02/04/92	---	36.10	9.59	26.51	Pre-start-up water levels; new measuring point established.
EW-14	EW	02/12/92	---	36.10	10.10	26.00	
EW-14	EW	02/20/92	1526	36.10	12.07	24.03	
EW-14	EW	02/25/92	0916	36.10	9.83	26.27	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
EW-14	EW	02/25/92	1515	36.10	10.00	26.10	
EW-14	EW	03/09/92	1112	36.10	9.80	26.30	
EW-15	EW	05/28/91	---	34.82	7.71	27.11	
EW-15	EW	03/09/92	---	34.88	7.96	26.92	New measuring point established.
EW-16	EW	04/30/91	1425	35.65	7.93	27.72	
EW-16	EW	05/28/91	1420	35.65	8.10	27.55	
EW-17	EW	04/30/91	1430	35.75	7.75	28.00	
EW-17	EW	05/28/91	1410	35.75	7.94	27.81	
EW-18	EW	04/30/91	1054	21.76	6.43	15.33	
MW-04	MW	04/30/91	1048	27.82	10.67	17.15	
MW-04	MW	05/28/91	1200	27.82	10.84	16.98	
MW-04	MW	07/01/91	---	27.82	11.21	16.61	
MW-04	MW	08/06/91	---	27.82	10.04	17.78	
MW-04	MW	08/30/91	---	27.82	9.70	18.12	
MW-04	MW	09/27/91	---	27.82	10.50	17.32	
MW-04	MW	10/29/91	---	27.82	11.24	16.58	
MW-04	MW	12/02/91	---	27.82	11.70	16.12	
MW-04	MW	01/02/92	---	27.82	12.04	15.78	
MW-04	MW	02/04/92	---	27.82	12.18	15.64	
MW-04	MW	03/06/92	---	27.82	12.23	15.59	
MW-04	MW	03/31/92	---	27.82	11.95	15.87	
MW-04	MW	05/01/92	---	27.82	12.21	15.61	
MW-04	MW	06/11/92	1650	27.82	12.46	15.36	
MW-04	MW	07/07/92	1026	27.82	12.20	15.62	
MW-04	MW	08/31/92	1340	27.82	10.74	17.08	
MW-04	MW	10/07/92	1440	27.82	10.42	17.40	
MW-04	MW	10/28/92	1321	27.82	10.49	17.33	
MW-04	MW	12/03/92	1402	27.82	10.49	17.33	
MW-04	MW	01/04/93	1335	27.82	11.14	16.68	
MW-04	MW	02/04/93	1420	27.82	9.58	18.24	
MW-04	MW	03/05/93	1347	27.82	10.16	17.66	
MW-04	MW	03/30/93	1251	27.82	10.58	17.24	
MW-04	MW	05/06/93	1305	27.82	11.18	16.64	
MW-04	MW	05/28/93	1254	27.82	11.76	16.06	
MW-04	MW	07/07/93	1310	27.82	12.24	15.58	
MW-04	MW	08/06/93	1316	27.82	12.53	15.29	
MW-04	MW	09/03/93	1215	27.82	12.37	15.45	
MW-04	MW	09/30/93	1309	27.82	12.15	15.67	
MW-04	MW	10/28/93	1245	27.82	12.73	15.09	
MW-04	MW	12/01/93	1535	27.82	12.70	15.12	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-04	MW	01/06/94	1322	27.82	12.56	15.26	
MW-04	MW	02/01/94	1300	27.82	11.70	16.12	
MW-04	MW	03/04/94	1230	27.82	11.32	16.50	
MW-04	MW	04/04/94	1159	27.82	11.74	16.08	
MW-04	MW	05/06/94	1302	27.82	12.54	15.28	
MW-04	MW	06/03/94	1230	27.82	13.11	14.71	
MW-04	MW	07/08/94	1215	27.82	12.10	15.72	
MW-04	MW	08/05/94	1452	27.82	11.30	16.52	
MW-04	MW	09/07/94	1330	27.82	10.79	17.03	
MW-04	MW	10/06/94	1303	27.82	9.59	18.23	
MW-04	MW	11/09/94	1338	27.82	9.64	18.18	
MW-04	MW	12/06/94	1205	27.82	10.24	17.58	
MW-04	MW	01/10/95	1641	27.82	10.25	17.57	
MW-04	MW	02/02/95	1416	27.82	10.10	17.72	
MW-04	MW	03/02/95	1550	27.82	10.26	17.56	
MW-04	MW	04/05/95	1206	27.82	10.98	16.84	
MW-04	MW	05/02/95	1416	27.82	11.50	16.32	
MW-04	MW	06/09/95	1250	27.82	12.16	15.66	
MW-04	MW	07/06/95	1217	27.82	12.24	15.58	
MW-04	MW	08/10/95	1305	27.82	12.19	15.63	
MW-04	MW	09/13/95	1436	27.82	10.53	17.29	
MW-05	MW	04/30/91	1120	20.00	2.03	17.97	
MW-05	MW	05/28/91	1215	20.00	2.11	17.89	
MW-05	MW	07/01/91	---	20.00	2.26	17.74	
MW-05	MW	08/06/91	---	20.00	1.64	18.36	
MW-05	MW	08/30/91	---	20.00	1.51	18.49	
MW-05	MW	09/27/91	---	20.00	2.05	17.95	
MW-05	MW	10/29/91	---	20.00	2.60	17.40	
MW-05	MW	12/02/91	---	20.00	3.27	16.73	
MW-05	MW	01/02/92	---	20.00	3.92	16.08	
MW-05	MW	02/04/92	---	20.00	3.55	16.45	
MW-05	MW	03/06/92	---	20.00	3.45	16.55	
MW-05	MW	03/31/92	---	20.00	3.33	16.67	
MW-05	MW	05/01/92	---	20.00	3.41	16.59	
MW-05	MW	06/11/92	1732	20.00	3.29	16.71	
MW-05	MW	07/07/92	1100	20.00	3.05	16.95	
MW-05	MW	08/31/92	1340	20.00	1.85	18.15	
MW-05	MW	10/07/92	1443	20.00	1.57	18.43	
MW-05	MW	10/28/92	1348	20.00	1.94	18.06	
MW-05	MW	12/03/92	1414	20.00	1.76	18.24	
MW-05	MW	01/04/93	1355	20.00	2.11	17.89	
MW-05	MW	02/04/93	1432	20.00	1.54	18.46	
MW-05	MW	03/05/93	1355	20.00	1.60	18.40	
MW-05	MW	03/30/93	1305	20.00	1.45	18.55	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-05	MW	05/06/93	1335	20.00	1.79	18.21	
MW-05	MW	05/28/93	1307	20.00	1.57	18.43	
MW-05	MW	07/07/93	1334	20.00	2.35	17.65	
MW-05	MW	08/06/93	1311	20.00	2.49	17.51	
MW-05	MW	09/03/93	1149	20.00	2.64	17.36	
MW-05	MW	09/30/93	1246	20.00	2.48	17.52	
MW-05	MW	10/28/93	1325	20.00	2.80	17.20	
MW-05	MW	12/01/93	1515	20.00	2.73	17.27	
MW-05	MW	01/06/94	1304	20.00	2.27	17.73	
MW-05	MW	02/01/94	1234	20.00	1.93	18.07	
MW-05	MW	03/04/94	1212	20.00	1.73	18.27	
MW-05	MW	04/04/94	1131	20.00	2.24	17.76	
MW-05	MW	05/06/94	1227	20.00	2.80	17.20	
MW-05	MW	06/03/94	1200	20.00	3.20	16.80	
MW-05	MW	07/08/94	1238	20.00	2.12	17.88	
MW-05	MW	08/05/94	1506	20.00	2.15	17.85	
MW-05	MW	09/07/94	1345	20.00	1.80	18.20	
MW-05	MW	10/06/94	1331	20.00	1.09	18.91	
MW-05	MW	11/09/94	1401	20.00	1.57	18.43	
MW-05	MW	12/06/94	1230	20.00	1.35	18.65	
MW-05	MW	01/10/95	1700	20.00	1.47	18.53	
MW-05	MW	02/02/95	1428	20.00	1.62	18.38	
MW-05	MW	03/02/95	1602	20.00	1.46	18.54	
MW-05	MW	04/05/95	1226	20.00	1.94	18.06	
MW-05	MW	05/02/95	1347	20.00	2.24	17.76	
MW-05	MW	06/09/95	1305	20.00	2.63	17.37	
MW-05	MW	07/06/95	1227	20.00	2.74	17.26	
MW-05	MW	08/10/95	1313	20.00	2.76	17.24	
MW-05	MW	09/13/95	1501	20.00	1.76	18.24	
MW-06	MW	04/30/91	1102	16.34	.02	16.32	
MW-06	MW	05/28/91	1213	16.34	.08	16.26	
MW-06	MW	07/01/91	---	16.34	.22	16.12	
MW-06	MW	08/06/91	---	16.34	-.22	16.56	
MW-06	MW	08/30/91	---	16.34	-.28	16.62	
MW-06	MW	09/27/91	---	16.34	.05	16.29	
MW-06	MW	10/29/91	---	16.34	.35	15.99	
MW-06	MW	12/02/91	---	16.34	.52	15.82	
MW-06	MW	01/02/92	---	16.34	.69	15.65	
MW-06	MW	02/04/92	---	16.34	.80	15.54	
MW-06	MW	03/06/92	---	16.34	.98	15.36	
MW-06	MW	03/31/92	---	16.34	.71	15.63	
MW-06	MW	05/01/92	1412	16.34	1.08	15.26	
MW-06	MW	06/11/92	1707	16.34	.59	15.75	
MW-06	MW	07/07/92	1035	16.34	1.05	15.29	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-06	MW	08/31/92	1322	16.34	0.03	16.31	
MW-06	MW	10/07/92	1438	16.34	-.24	16.58	
MW-06	MW	10/28/92	1340	16.34	.05	16.29	
MW-06	MW	12/03/92	1407	16.34	.07	16.27	
MW-06	MW	01/04/93	1325	16.34	.40	15.94	
MW-06	MW	02/04/93	1414	16.34	-.08	16.42	
MW-06	MW	03/05/93	1347	16.34	-.01	16.35	
MW-06	MW	03/30/93	1300	16.34	.30	16.04	
MW-06	MW	05/06/93	1313	16.34	.77	15.57	
MW-06	MW	05/28/93	1300	16.34	1.16	15.18	
MW-06	MW	07/07/93	1323	16.34	1.10	15.24	
MW-06	MW	08/06/93	1324	16.34	1.05	15.29	
MW-06	MW	09/03/93	1207	16.34	1.35	14.99	
MW-06	MW	09/30/93	1257	16.34	1.02	15.32	
MW-06	MW	10/28/93	1253	16.34	1.40	14.94	
MW-06	MW	12/01/93	1532	16.34	1.32	15.02	
MW-06	MW	01/06/94	1320	16.34	1.04	15.30	
MW-06	MW	02/01/94	1245	16.34	.30	16.04	
MW-06	MW	03/04/94	1225	16.34	.23	16.11	
MW-06	MW	04/04/94	1145	16.34	.90	15.44	
MW-06	MW	05/06/94	1241	16.34	1.48	14.86	
MW-06	MW	06/03/94	1217	16.34	1.96	14.38	
MW-06	MW	07/08/94	1222	16.34	.46	15.88	
MW-06	MW	08/05/94	1457	16.34	.27	16.07	
MW-06	MW	09/07/94	1322	16.34	.13	16.21	
MW-06	MW	10/06/94	1326	16.34	-.33	16.67	
MW-06	MW	11/09/94	1348	16.34	-.21	16.55	
MW-06	MW	12/06/94	1218	16.34	-.23	16.57	
MW-06	MW	01/10/95	1649	16.34	.16	16.18	
MW-06	MW	02/02/95	1423	16.34	.03	16.31	
MW-06	MW	03/02/95	1606	16.34	.17	16.17	
MW-06	MW	04/05/95	1219	16.34	.60	15.74	
MW-06	MW	05/02/95	1354	16.34	.82	15.52	
MW-06	MW	06/09/95	1315	16.34	1.05	15.29	
MW-06	MW	07/06/95	1234	16.34	1.04	15.30	
MW-06	MW	08/10/95	1320	16.34	1.03	15.31	
MW-06	MW	09/13/95	1442	16.34	.12	16.22	
MW-07	MW	04/30/91	0930	38.44	12.63	25.81	
MW-07	MW	05/28/91	---	38.44	12.68	25.76	
MW-07	MW	07/01/91	---	38.44	13.26	25.18	
MW-07	MW	08/06/91	---	38.44	11.27	27.17	
MW-07	MW	08/30/91	---	38.44	10.52	27.92	
MW-07	MW	09/27/91	---	38.44	12.12	26.32	
MW-07	MW	10/29/91	---	38.44	13.31	25.13	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-07	MW	12/02/91	---	38.44	14.23	24.21	
MW-07	MW	01/02/92	---	38.44	14.95	23.49	
MW-07	MW	02/04/92	---	38.44	14.70	23.74	
MW-07	MW	03/06/92	---	38.44	14.26	24.18	
MW-07	MW	03/31/92	---	38.44	14.27	24.17	
MW-07	MW	05/01/92	---	38.44	14.17	24.27	
MW-07	MW	05/14/92	1020	38.44	14.27	24.17	
MW-07	MW	06/11/92	1100	38.44	14.64	23.80	
MW-07	MW	07/07/92	1804	38.44	13.67	24.77	
MW-07	MW	08/07/92	0943	38.44	14.02	24.42	
MW-07	MW	08/31/92	1024	38.44	11.54	26.90	
MW-07	MW	10/07/92	1029	38.44	11.09	27.35	
MW-07	MW	10/28/92	1100	38.44	11.80	26.64	
MW-07	MW	12/03/92	0948	38.44	11.82	26.62	
MW-07	MW	01/04/93	0959	38.44	12.82	25.62	
MW-07	MW	02/04/93	1024	38.44	10.77	27.67	
MW-07	MW	03/05/93	1012	38.44	11.52	26.92	
MW-07	MW	03/30/93	0927	38.44	11.69	26.75	
MW-07	MW	05/06/93	0957	38.44	12.68	25.76	
MW-07	MW	05/28/93	1000	38.44	13.60	24.84	
MW-07	MW	07/07/93	0948	38.44	14.24	24.20	
MW-07	MW	08/06/93	0938	38.44	14.45	23.99	
MW-07	MW	09/03/93	1000	38.44	13.78	24.66	
MW-07	MW	09/30/93	1137	38.44	13.53	24.91	
MW-07	MW	10/28/93	0948	38.44	14.50	23.94	
MW-07	MW	12/01/93	0952	38.44	14.59	23.85	
MW-07	MW	01/06/94	1002	38.44	15.06	23.38	
MW-07	MW	02/01/94	0948	38.44	13.97	24.47	
MW-07	MW	03/04/94	0945	38.44	13.47	24.97	
MW-07	MW	04/04/94	0939	38.44	13.67	24.77	
MW-07	MW	05/06/94	1029	38.44	14.65	23.79	
MW-07	MW	06/03/94	0958	38.44	15.41	23.03	
MW-07	MW	07/08/94	1000	38.44	14.52	23.92	
MW-07	MW	08/05/94	1255	38.44	12.53	25.91	
MW-07	MW	09/07/94	1005	38.44	11.89	26.55	
MW-07	MW	10/06/94	1025	38.44	9.82	28.62	
MW-07	MW	11/09/94	1205	38.44	10.66	27.78	
MW-07	MW	12/06/94	1005	38.44	11.58	26.86	
MW-07	MW	01/10/95	1205	38.44	11.78	26.66	
MW-07	MW	02/02/95	1250	38.44	11.63	26.81	
MW-07	MW	03/02/95	1406	38.44	11.83	26.61	
MW-07	MW	04/05/95	1004	38.44	12.92	25.52	
MW-07	MW	05/02/95	1051	38.44	13.60	24.84	
MW-07	MW	06/09/95	1005	38.44	14.53	23.91	
MW-07	MW	07/06/95	0957	38.44	14.51	23.93	



**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-07	MW	08/10/95	1035	38.44	13.99	24.45	
MW-07	MW	09/13/95	1115	38.44	11.70	26.74	
MW-08	MW	04/30/91	1140	12.08	.07	12.01	
MW-08	MW	05/28/91	1220	12.08	.22	11.86	
MW-08	MW	08/06/91	---	12.08	-.34	12.42	
MW-08	MW	08/30/91	---	12.08	-.29	12.37	
MW-08	MW	09/27/91	---	12.08	.23	11.85	
MW-08	MW	10/29/91	---	12.08	.55	11.53	
MW-08	MW	12/02/91	---	12.08	.64	11.44	
MW-08	MW	01/02/92	---	12.08	.85	11.23	
MW-08	MW	02/04/92	---	12.08	.68	11.40	
MW-08	MW	03/06/92	---	12.08	1.27	10.81	
MW-08	MW	03/31/92	---	12.08	1.05	11.03	
MW-08	MW	05/01/92	1416	12.08	1.03	11.05	
MW-08	MW	06/11/92	1710	12.08	.64	11.44	
MW-08	MW	07/07/92	1040	12.08	.97	11.11	
MW-08	MW	08/31/92	1315	12.08	.12	11.96	
MW-08	MW	10/07/92	1435	12.08	-.15	12.23	
MW-08	MW	10/28/92	1356	12.08	.12	11.96	
MW-08	MW	12/03/92	1405	12.08	-.10	12.18	
MW-08	MW	01/04/93	1335	12.08	.38	11.70	
MW-08	MW	02/04/93	1442	12.08	-.27	12.35	
MW-08	MW	03/05/93	1342	12.08	-.21	12.29	
MW-08	MW	03/30/93	1306	12.08	-.07	12.15	
MW-08	MW	05/06/93	1322	12.08	-.23	12.31	
MW-08	MW	05/28/93	1308	12.08	.32	11.76	
MW-08	MW	07/07/93	1330	12.08	.10	11.98	
MW-08	MW	08/06/93	1300	12.08	.36	11.72	
MW-08	MW	09/03/93	1150	12.08	.83	11.25	
MW-08	MW	09/30/93	1245	12.08	.85	11.23	
MW-08	MW	10/28/93	1258	12.08	.36	11.72	
MW-08	MW	12/01/93	1515	12.08	.60	11.48	
MW-08	MW	01/06/94	1310	12.08	.50	11.58	
MW-08	MW	02/01/94	1240	12.08	-.26	12.34	
MW-08	MW	03/04/94	1220	12.08	.09	11.99	
MW-08	MW	04/04/94	1146	12.08	.75	11.33	
MW-08	MW	05/06/94	1309	12.08	.34	11.74	
MW-08	MW	06/03/94	1220	12.08	.90	11.18	
MW-08	MW	07/08/94	1234	12.08	.14	11.94	
MW-08	MW	08/05/94	1459	12.08	-.24	12.32	
MW-08	MW	09/07/94	1325	12.08	.01	12.07	
MW-08	MW	10/06/94	1325	12.08	-.36	12.44	
MW-08	MW	11/09/94	1350	12.08	-.44	12.52	
MW-08	MW	12/06/94	1220	12.08	-.31	12.39	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-08	MW	01/10/95	1801	12.08	-0.12	12.20	
MW-08	MW	02/02/95	1444	12.08	-.43	12.51	
MW-08	MW	03/02/95	1614	12.08	-.34	12.42	
MW-08	MW	04/05/95	1231	12.08	.24	11.84	
MW-08	MW	05/02/95	1356	12.08	.16	11.92	
MW-08	MW	06/09/95	1320	12.08	.55	11.53	
MW-08	MW	07/06/95	1236	12.08	.71	11.37	
MW-08	MW	08/10/95	1322	12.08	.33	11.75	
MW-08	MW	09/13/95	1444	12.08	.14	11.94	
MW-09	MW	04/30/91	1145	9.06	.51	8.55	
MW-09	MW	05/28/91	1227	9.06	.69	8.37	
MW-09	MW	07/01/91	---	9.06	1.06	8.00	
MW-09	MW	08/06/91	---	9.06	.44	8.62	
MW-09	MW	08/30/91	---	9.06	.25	8.81	
MW-09	MW	09/27/91	---	9.06	.78	8.28	
MW-09	MW	10/29/91	---	9.06	1.05	8.01	
MW-09	MW	12/02/91	---	9.06	1.12	7.94	
MW-09	MW	01/02/92	---	9.06	1.25	7.81	
MW-09	MW	02/04/92	---	9.06	1.19	7.87	
MW-09	MW	03/06/92	---	9.06	1.31	7.75	
MW-09	MW	03/31/92	---	9.06	1.14	7.92	
MW-09	MW	05/01/92	1419	9.06	1.45	7.61	
MW-09	MW	06/11/92	1700	9.06	1.01	8.05	
MW-09	MW	07/07/92	1042	9.06	1.21	7.85	
MW-09	MW	08/31/92	1310	9.06	.58	8.48	
MW-09	MW	10/07/92	1420	9.06	.28	8.78	
MW-09	MW	10/28/92	---	9.06	.53	8.53	
MW-09	MW	12/03/92	1400	9.06	.48	8.58	
MW-09	MW	01/04/93	1330	9.06	.65	8.41	
MW-09	MW	02/04/93	1400	9.06	.16	8.90	
MW-09	MW	03/05/93	1328	9.06	.17	8.89	
MW-09	MW	03/30/93	1302	9.06	.10	8.96	
MW-09	MW	05/06/93	1320	9.06	.44	8.62	
MW-09	MW	05/28/93	1306	9.06	.76	8.30	
MW-09	MW	07/07/93	1323	9.06	.87	8.19	
MW-10	MW	04/30/91	1150	6.16	.82	5.34	
MW-10	MW	05/28/91	1224	6.16	.92	5.24	
MW-10	MW	09/27/91	---	6.16	1.00	5.16	
MW-10	MW	10/29/91	---	6.16	1.21	4.95	
MW-10	MW	12/02/91	---	6.16	1.36	4.80	
MW-10	MW	01/02/92	---	6.16	1.39	4.77	
MW-10	MW	02/04/92	---	6.16	1.11	5.05	
MW-10	MW	03/06/92	---	6.16	1.19	4.97	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-10	MW	03/31/92	---	6.16	1.05	5.11	
MW-10	MW	05/01/92	1425	6.16	1.29	4.87	
MW-10	MW	06/11/92	1655	6.16	.92	5.24	
MW-10	MW	07/07/92	1055	6.16	1.24	4.92	
MW-10	MW	08/31/92	1300	6.16	.77	5.39	
MW-10	MW	10/07/92	1410	6.16	-.11	6.27	
MW-10	MW	10/28/92	1451	6.16	.84	5.32	
MW-10	MW	12/03/92	1350	6.16	.68	5.48	
MW-10	MW	01/04/93	1320	6.16	.96	5.20	
MW-10	MW	02/04/93	1355	6.16	.49	5.67	
MW-10	MW	03/05/93	1330	6.16	.71	5.45	
MW-10	MW	03/30/93	1254	6.16	.71	5.45	
MW-10	MW	05/06/93	1315	6.16	.95	5.21	
MW-10	MW	05/28/93	1300	6.16	.77	5.39	
MW-10	MW	07/07/93	1316	6.16	.99	5.17	
MW-11	MW	04/30/91	0950	37.42	14.07	23.35	
MW-11	MW	05/28/91	---	37.42	14.17	23.25	
MW-11	MW	07/01/91	---	37.42	15.00	22.42	
MW-11	MW	08/06/91	---	37.42	12.92	24.50	
MW-11	MW	08/30/91	---	37.42	12.65	24.77	
MW-11	MW	09/27/91	---	37.42	13.63	23.79	
MW-11	MW	10/29/91	---	37.42	14.67	22.75	
MW-11	MW	11/21/91	1313	37.42	15.60	21.82	
MW-11	MW	12/02/91	---	37.42	16.21	21.21	
MW-11	MW	12/16/91	---	37.42	17.29	20.13	
MW-11	MW	01/02/92	---	37.42	17.43	19.99	
MW-11	MW	02/04/92	---	37.42	17.04	20.38	
MW-11	MW	03/06/92	---	37.42	15.80	21.62	
MW-11	MW	03/31/92	---	37.42	15.73	21.69	
MW-11	MW	05/01/92	---	37.42	15.43	21.99	
MW-11	MW	05/14/92	1045	37.42	17.00	20.42	
MW-11	MW	06/11/92	1130	37.42	17.98	19.44	
MW-11	MW	07/07/92	1747	37.42	14.23	23.19	
MW-11	MW	08/07/92	1126	37.42	16.98	20.44	
MW-11	MW	08/31/92	1040	37.42	12.72	24.70	
MW-11	MW	10/07/92	1055	37.42	12.99	24.43	
MW-11	MW	10/28/92	1124	37.42	13.26	24.16	
MW-11	MW	12/03/92	1027	37.42	13.35	24.07	
MW-11	MW	01/04/93	1021	37.42	14.25	23.17	
MW-11	MW	02/04/93	1101	37.42	12.80	24.62	
MW-11	MW	03/05/93	1038	37.42	13.57	23.85	
MW-11	MW	03/30/93	0948	37.42	13.81	23.61	
MW-11	MW	05/06/93	1019	37.42	14.30	23.12	
MW-11	MW	05/28/93	1020	37.42	15.67	21.75	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-11	MW	07/07/93	1009	37.42	16.97	20.45	
MW-11	MW	08/06/93	1002	37.42	17.48	19.94	
MW-11	MW	09/03/93	1016	37.42	14.21	23.21	
MW-11	MW	09/30/93	1119	37.42	14.09	23.33	
MW-11	MW	10/28/93	1006	37.42	15.81	21.61	
MW-11	MW	12/01/93	1008	37.42	16.22	21.20	
MW-11	MW	01/06/94	1026	37.42	17.99	19.43	
MW-11	MW	02/01/94	1020	37.42	14.93	22.49	
MW-11	MW	03/04/94	1004	37.42	14.30	23.12	
MW-11	MW	04/04/94	0955	37.42	14.70	22.72	
MW-11	MW	05/06/94	1047	37.42	18.38	19.04	
MW-11	MW	06/03/94	1018	37.42	19.58	17.84	
MW-11	MW	07/08/94	1020	37.42	13.78	23.64	
MW-11	MW	08/05/94	1315	37.42	13.05	24.37	
MW-11	MW	09/07/94	1035	37.42	13.26	24.16	
MW-11	MW	10/06/94	1050	37.42	11.41	26.01	
MW-11	MW	11/09/94	1230	37.42	12.70	24.72	
MW-11	MW	12/06/94	1038	37.42	13.60	23.82	
MW-11	MW	01/10/95	1223	37.42	13.43	23.99	
MW-11	MW	02/02/95	1312	37.42	13.40	24.02	
MW-11	MW	03/02/95	1428	37.42	13.65	23.77	
MW-11	MW	04/05/95	1024	37.42	14.24	23.18	
MW-11	MW	05/02/95	1026	37.42	14.86	22.56	
MW-11	MW	06/09/95	1027	37.42	16.67	20.75	
MW-11	MW	07/06/95	1018	37.42	16.45	20.97	
MW-11	MW	08/10/95	1100	37.42	14.27	23.15	
MW-11	MW	09/13/95	1131	37.42	12.79	24.63	
MW-11A	MW	04/30/91	1000	37.27	15.50	21.77	
MW-11A	MW	05/28/91	---	37.27	15.76	21.51	
MW-11A	MW	07/01/91	---	37.27	16.24	21.03	
MW-11A	MW	08/06/91	---	37.27	14.34	22.93	
MW-11A	MW	08/30/91	---	37.27	13.91	23.36	
MW-11A	MW	09/27/91	---	37.27	15.32	21.95	
MW-11A	MW	10/29/91	---	37.27	16.33	20.94	
MW-11A	MW	11/21/91	1313	37.27	16.75	20.52	
MW-11A	MW	12/02/91	---	37.27	17.02	20.25	
MW-11A	MW	01/02/92	---	37.27	17.55	19.72	
MW-11A	MW	02/04/92	---	37.27	17.39	19.88	
MW-11A	MW	03/06/92	---	37.27	17.22	20.05	
MW-11A	MW	03/31/92	---	37.27	17.15	20.12	
MW-11A	MW	05/01/92	---	37.27	17.19	20.08	
MW-11A	MW	05/14/92	1040	37.27	17.45	19.82	
MW-11A	MW	06/11/92	1125	37.27	18.78	18.49	
MW-11A	MW	07/07/92	1750	37.27	17.77	19.50	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-11A	MW	08/07/92	1124	37.27	18.21	19.06	
MW-11A	MW	08/31/92	1042	37.27	15.32	21.95	
MW-11A	MW	10/07/92	1051	37.27	15.12	22.15	
MW-11A	MW	10/28/92	1127	37.27	15.71	21.56	
MW-11A	MW	12/03/92	1023	37.27	15.80	21.47	
MW-11A	MW	01/04/93	1019	37.27	16.70	20.57	
MW-11A	MW	02/04/93	1055	37.27	14.90	22.37	
MW-11A	MW	03/05/93	1035	37.27	15.61	21.66	
MW-11A	MW	03/30/93	0951	37.27	18.14	19.13	
MW-11A	MW	05/06/93	1015	37.27	18.38	18.89	
MW-11A	MW	05/28/93	1018	37.27	18.95	18.32	
MW-11A	MW	07/07/93	1005	37.27	17.70	19.57	
MW-11A	MW	08/06/93	1000	37.27	18.67	18.60	
MW-11A	MW	09/03/93	1019	37.27	18.74	18.53	
MW-11A	MW	09/30/93	1123	37.27	18.14	19.13	
MW-11A	MW	10/28/93	1004	37.27	19.00	18.27	
MW-11A	MW	12/01/93	1010	37.27	19.10	18.17	
MW-11A	MW	01/06/94	1023	37.27	19.08	18.19	
MW-11A	MW	02/01/94	1018	37.27	17.86	19.11	
MW-11A	MW	03/04/94	1006	37.27	17.50	19.77	
MW-11A	MW	04/04/94	0958	37.27	17.99	19.28	
MW-11A	MW	05/06/94	1045	37.27	18.95	18.32	
MW-11A	MW	06/03/94	1014	37.27	19.78	17.49	
MW-11A	MW	07/08/94	1025	37.27	18.17	19.10	
MW-11A	MW	08/05/94	1312	37.27	16.43	20.84	
MW-11A	MW	09/07/94	1030	37.27	16.24	21.03	
MW-11A	MW	10/06/94	1047	37.27	13.70	23.57	
MW-11A	MW	11/09/94	1227	37.27	15.28	21.99	
MW-11A	MW	12/06/94	1032	37.27	16.10	21.17	
MW-11A	MW	01/10/95	1225	37.27	15.92	21.35	
MW-11A	MW	02/02/95	1310	37.27	15.65	21.62	
MW-11A	MW	03/02/95	1425	37.27	15.68	21.59	
MW-11A	MW	04/05/95	1025	37.27	16.60	20.67	
MW-11A	MW	05/02/95	1123	37.27	17.22	20.05	
MW-11A	MW	06/09/95	1025	37.27	18.14	19.13	
MW-11A	MW	07/06/95	1016	37.27	17.99	19.28	
MW-11A	MW	08/10/95	1055	37.27	17.54	19.73	
MW-11A	MW	09/13/95	1129	37.27	15.27	22.00	
MW-12	MW	04/30/91	1030	37.28	11.22	26.06	
MW-12	MW	05/28/91	---	37.28	11.38	25.90	
MW-12	MW	07/01/91	---	37.28	11.68	25.60	
MW-12	MW	08/06/91	---	37.28	10.38	26.90	
MW-12	MW	09/27/91	---	37.28	11.40	25.88	
MW-12	MW	10/29/91	---	37.28	12.08	25.20	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water- indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-12	MW	12/02/91	---	37.28	12.46	24.82	
MW-12	MW	01/02/92	---	37.28	12.86	24.42	
MW-12	MW	02/04/92	---	37.28	12.22	25.06	
MW-12	MW	03/06/92	---	37.28	12.42	24.86	
MW-12	MW	03/31/92	---	37.28	12.46	24.82	
MW-12	MW	05/01/92	---	37.28	12.49	24.79	
MW-12	MW	06/11/92	1409	37.28	12.09	25.19	
MW-12	MW	07/07/92	1710	37.28	12.27	25.01	
MW-12	MW	08/07/92	1253	37.28	12.14	25.14	
MW-12	MW	08/31/92	1132	37.28	10.88	26.40	
MW-12	MW	10/07/92	1144	37.28	10.68	26.60	
MW-12	MW	10/28/92	1300	37.28	11.29	25.99	
MW-12	MW	12/03/92	1127	37.28	11.29	25.99	
MW-12	MW	01/04/93	1115	37.28	12.02	25.26	
MW-12	MW	02/04/93	1204	37.28	11.26	26.02	
MW-12	MW	03/05/93	1128	37.28	11.45	25.83	
MW-12	MW	03/30/93	1040	37.28	11.36	25.92	
MW-12	MW	05/06/93	1109	37.28	11.78	25.50	
MW-12	MW	05/28/93	1103	37.28	12.18	25.10	
MW-12	MW	07/07/93	1050	37.28	11.82	25.46	
MW-12	MW	08/06/93	1029	37.28	11.88	25.40	
MW-12	MW	09/03/93	1050	37.28	11.96	25.32	
MW-12	MW	09/30/93	1034	37.28	11.69	25.59	
MW-12	MW	10/28/93	1047	37.28	12.37	24.91	
MW-12	MW	12/01/93	1344	37.28	11.93	25.35	
MW-12	MW	01/06/94	1057	37.28	11.73	25.55	
MW-12	MW	02/01/94	1056	37.28	11.27	26.01	
MW-12	MW	03/04/94	1034	37.28	11.49	25.79	
MW-12	MW	04/04/94	1031	37.28	12.18	25.10	
MW-12	MW	05/06/94	1118	37.28	12.87	24.41	
MW-12	MW	06/03/94	1050	37.28	13.44	23.84	
MW-12	MW	07/08/94	1108	37.28	10.88	26.40	
MW-12	MW	08/05/94	1410	37.28	10.68	26.60	
MW-12	MW	09/07/94	1127	37.28	10.66	26.62	
MW-12	MW	10/06/94	1137	37.28	9.64	27.64	
MW-12	MW	11/09/94	1300	37.28	10.63	26.65	
MW-12	MW	12/06/94	1119	37.28	10.71	26.57	
MW-12	MW	01/10/95	1325	37.28	10.73	26.55	
MW-12	MW	02/02/95	1337	37.28	11.03	26.25	
MW-12	MW	03/02/95	1507	37.28	11.07	26.21	
MW-12	MW	04/05/95	1103	37.28	11.70	25.58	
MW-12	MW	05/02/95	1252	37.28	12.09	25.19	
MW-12	MW	06/09/95	1052	37.28	11.64	24.98	
MW-12	MW	08/10/95	1121	37.28	12.01	25.27	
MW-12	MW	09/13/95	1200	37.28	11.09	26.19	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-12A	MW	04/30/91	1035	37.73	11.32	26.41	
MW-12A	MW	05/28/91	---	37.73	11.49	26.24	
MW-12A	MW	07/01/91	---	37.73	11.60	26.13	
MW-12A	MW	08/06/91	---	37.73	10.39	27.34	
MW-12A	MW	08/30/91	---	37.73	10.13	27.60	
MW-12A	MW	09/27/91	---	37.73	11.54	26.19	
MW-12A	MW	10/29/91	---	37.73	12.17	25.56	
MW-12A	MW	12/02/91	---	37.73	12.54	25.19	
MW-12A	MW	12/16/91	---	37.73	12.72	25.01	
MW-12A	MW	01/02/92	---	37.73	12.93	24.80	
MW-12A	MW	02/04/92	---	37.73	11.92	25.81	
MW-12A	MW	03/06/92	---	37.73	12.30	25.43	
MW-12A	MW	03/31/92	---	37.73	12.33	25.40	
MW-12A	MW	05/01/92	---	37.73	12.45	25.28	
MW-12A	MW	06/11/92	1413	37.73	11.73	26.00	
MW-12A	MW	07/07/92	1708	37.73	12.10	25.63	
MW-12A	MW	08/07/92	1252	37.73	11.82	25.91	
MW-12A	MW	08/31/92	1135	37.73	10.82	26.91	
MW-12A	MW	10/07/92	1142	37.73	10.54	27.19	
MW-12A	MW	10/28/92	1258	37.73	11.23	26.50	
MW-12A	MW	12/03/92	1121	37.73	11.22	26.51	
MW-12A	MW	01/04/93	1110	37.73	11.96	25.77	
MW-12A	MW	02/04/93	1202	37.73	11.19	26.54	
MW-12A	MW	03/05/93	1125	37.73	11.45	26.28	
MW-12A	MW	03/30/93	1042	37.73	11.28	26.45	
MW-12A	MW	05/06/93	1107	37.73	11.57	26.16	
MW-12A	MW	05/28/93	1101	37.73	11.87	25.86	
MW-12A	MW	07/07/93	1054	37.73	11.47	26.26	
MW-12A	MW	08/06/93	1032	37.73	11.56	26.17	
MW-12A	MW	09/03/93	1051	37.73	11.74	25.99	
MW-12A	MW	09/30/93	1030	37.73	11.50	26.23	
MW-12A	MW	10/28/93	1049	37.73	12.11	25.62	
MW-12A	MW	12/01/93	1342	37.73	11.60	26.13	
MW-12A	MW	01/06/94	1054	37.73	11.35	26.38	
MW-12A	MW	02/01/94	1059	37.73	10.87	26.86	
MW-12A	MW	03/04/94	1036	37.73	11.04	26.69	
MW-12A	MW	04/04/94	1029	37.73	11.83	25.90	
MW-12A	MW	05/06/94	1116	37.73	12.43	25.30	
MW-12A	MW	06/03/94	1052	37.73	12.84	24.89	
MW-12A	MW	08/05/94	1409	37.52	10.19	27.33	New measuring point established.
MW-12A	MW	09/07/94	1125	37.52	10.28	27.24	
MW-12A	MW	10/06/94	1135	37.52	9.37	28.15	
MW-12A	MW	11/09/94	1259	37.52	10.30	27.22	
MW-12A	MW	12/06/94	1118	37.52	10.22	27.30	
MW-12A	MW	01/10/95	1323	37.52	10.34	27.18	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-12A	MW	02/02/95	1335	37.52	10.62	26.90	
MW-12A	MW	03/02/95	1505	37.52	10.66	26.86	
MW-12A	MW	04/05/95	1105	37.52	11.32	26.20	
MW-12A	MW	05/02/95	1250	37.52	11.60	25.92	
MW-12A	MW	06/09/95	1055	37.52	12.30	25.88	
MW-12A	MW	08/10/95	1120	37.52	11.51	26.01	
MW-12A	MW	09/13/95	1156	37.52	10.64	26.88	
MW-15	MW	04/30/91	1158	13.12	2.42	10.70	
MW-15	MW	05/28/91	1250	13.12	2.72	10.40	
MW-15	MW	07/01/91	---	13.12	2.97	10.15	
MW-15	MW	08/06/91	---	13.12	2.27	10.85	
MW-15	MW	08/30/91	---	13.12	2.05	11.07	
MW-15	MW	09/27/91	---	13.12	2.80	10.32	
MW-15	MW	10/29/91	---	13.12	3.30	9.82	
MW-15	MW	12/02/91	---	13.12	3.58	9.54	
MW-15	MW	01/02/92	---	13.12	3.80	9.32	
MW-15	MW	02/04/92	---	13.12	3.70	9.42	
MW-15	MW	03/06/92	---	13.12	3.96	9.16	
MW-15	MW	03/31/92	---	13.12	3.69	9.43	
MW-15	MW	05/01/92	---	13.12	4.01	9.11	
MW-15	MW	06/11/92	1705	13.12	3.21	9.91	
MW-15	MW	07/07/92	1050	13.12	3.70	9.42	
MW-15	MW	08/31/92	1305	13.12	2.76	10.36	
MW-15	MW	10/07/92	1415	13.12	2.18	10.94	
MW-15	MW	10/28/92	---	13.12	2.48	10.64	
MW-15	MW	12/03/92	1355	13.12	2.28	10.84	
MW-15	MW	01/04/93	1325	13.12	2.53	10.59	
MW-15	MW	02/04/93	1354	13.12	1.55	11.57	
MW-15	MW	03/05/93	1326	13.12	1.48	11.64	
MW-15	MW	03/30/93	1258	13.12	1.42	11.70	
MW-15	MW	05/06/93	1318	13.12	1.85	11.27	
MW-15	MW	05/28/93	1303	13.12	2.36	10.76	
MW-15	MW	07/07/93	1321	13.12	2.71	10.41	
MW-16	MW	04/30/91	1110	28.12	2.60	25.52	
MW-16	MW	05/28/91	---	28.12	2.75	25.37	
MW-16	MW	07/01/91	---	28.12	2.83	25.29	
MW-16	MW	08/06/91	---	28.12	2.46	25.66	
MW-16	MW	08/30/91	---	28.12	2.32	25.80	
MW-16	MW	09/27/91	---	28.12	2.89	25.23	
MW-16	MW	10/29/91	---	28.12	3.24	24.88	
MW-16	MW	12/02/91	---	28.12	3.94	24.18	
MW-16	MW	01/02/92	---	28.12	4.02	24.10	
MW-16	MW	02/04/92	---	28.12	2.95	25.17	



**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-16	MW	03/06/92	---	28.12	2.96	25.16	
MW-16	MW	03/31/92	---	28.12	2.91	25.21	
MW-16	MW	05/01/92	---	28.12	3.01	25.11	
MW-16	MW	06/11/92	1452	28.12	2.55	25.57	
MW-16	MW	07/07/92	1515	28.12	3.02	25.10	
MW-16	MW	08/07/92	1337	28.12	2.71	25.41	
MW-16	MW	08/31/92	1100	28.12	2.51	25.61	
MW-16	MW	10/07/92	1055	28.12	2.26	25.86	
MW-16	MW	10/28/92	1602	28.12	2.70	25.42	
MW-16	MW	12/03/92	1045	28.12	2.55	25.57	
MW-16	MW	01/04/93	1025	28.12	2.77	25.35	
MW-16	MW	02/04/93	1100	28.12	2.48	25.64	
MW-16	MW	03/05/93	1050	28.12	2.46	25.66	
MW-16	MW	03/30/93	1010	28.12	2.34	25.78	
MW-16	MW	05/06/93	1030	28.12	2.75	25.37	
MW-16	MW	05/28/93	1030	28.12	2.77	25.35	
MW-16	MW	07/07/93	1041	28.12	2.90	25.22	
MW-16	MW	08/06/93	1030	28.12	2.72	25.40	
MW-16	MW	09/03/93	1035	28.12	2.96	25.16	
MW-16	MW	09/30/93	1030	28.12	2.79	25.33	
MW-16	MW	10/28/93	1025	28.12	3.18	24.94	
MW-16	MW	12/01/93	1337	28.12	2.89	25.23	
MW-16	MW	01/06/94	1100	28.12	2.70	25.42	
MW-16	MW	02/01/94	1000	28.12	2.14	25.98	
MW-16	MW	03/04/94	1000	28.12	2.08	26.04	
MW-17	MW	04/30/91	1050	36.59	8.90	27.69	
MW-17	MW	05/28/91	---	36.59	9.19	27.40	
MW-17	MW	07/01/91	---	36.59	9.40	27.19	
MW-17	MW	08/06/91	---	36.59	8.18	28.41	
MW-17	MW	08/30/91	---	36.59	8.04	28.55	
MW-17	MW	09/27/91	---	36.59	9.30	27.29	
MW-17	MW	10/29/91	---	36.59	9.93	26.66	
MW-17	MW	12/02/91	---	36.59	10.23	26.36	
MW-17	MW	12/16/91	---	36.59	10.40	26.19	
MW-17	MW	01/02/92	---	36.59	10.54	26.05	
MW-17	MW	02/04/92	---	36.59	9.71	26.88	Pre-start-up water levels.
MW-17	MW	03/06/92	---	36.59	9.87	26.72	
MW-17	MW	03/31/92	---	36.59	9.88	26.71	
MW-17	MW	05/01/92	---	36.59	9.84	26.75	
MW-17	MW	06/11/92	1530	36.59	9.36	27.23	
MW-17	MW	07/07/92	1546	36.59	9.57	27.02	
MW-17	MW	08/07/92	1330	36.59	9.43	27.16	
MW-17	MW	08/31/92	1211	36.59	8.24	28.35	
MW-17	MW	10/07/92	1217	36.59	8.08	28.51	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-17	MW	10/28/92	1330	36.59	8.93	27.66	
MW-17	MW	12/03/92	1214	36.59	8.68	27.91	
MW-17	MW	01/04/93	1150	36.59	9.41	27.18	
MW-17	MW	02/04/93	1244	36.59	8.45	28.14	
MW-17	MW	03/05/93	1203	36.59	8.79	27.80	
MW-17	MW	03/30/93	1121	36.59	8.40	28.19	
MW-17	MW	05/06/93	1138	36.59	9.25	27.34	
MW-17	MW	05/28/93	1134	36.59	9.65	26.94	
MW-17	MW	07/07/93	1121	36.59	9.57	27.02	
MW-17	MW	08/06/93	1104	36.59	9.24	27.35	
MW-17	MW	09/03/93	1121	36.59	9.43	27.16	
MW-17	MW	09/30/93	0945	36.59	9.24	27.35	
MW-17	MW	10/28/93	1120	36.59	10.03	26.56	
MW-17	MW	12/01/93	1423	36.59	9.62	26.97	
MW-17	MW	01/06/94	1141	36.59	9.08	27.51	
MW-17	MW	02/01/94	1130	36.59	8.33	28.26	
MW-17	MW	03/04/94	1102	36.59	8.50	28.09	
MW-17	MW	04/04/94	1100	36.59	9.60	26.99	
MW-17	MW	05/06/94	1156	36.59	10.20	26.39	
MW-17	MW	06/03/94	1140	36.59	10.65	25.94	
MW-17	MW	07/08/94	1155	36.59	8.37	28.22	
MW-17	MW	08/05/94	1434	36.59	8.38	28.21	
MW-17	MW	09/07/94	1130	36.59	8.55	28.04	
MW-17	MW	10/06/94	1158	36.59	6.92	29.67	
MW-17	MW	11/09/94	1327	36.59	8.42	28.17	
MW-17	MW	12/06/94	1146	36.59	8.25	28.34	
MW-17	MW	01/10/95	1624	36.59	8.57	28.02	
MW-17	MW	02/02/95	1402	36.59	8.68	27.91	
MW-17	MW	03/02/95	1536	36.59	8.67	27.92	
MW-17	MW	04/05/95	1146	36.59	9.56	27.03	
MW-17	MW	05/02/95	1330	36.59	9.78	26.81	
MW-17	MW	06/09/95	1131	36.59	9.66	26.93	
MW-17	MW	07/06/95	1116	36.59	9.56	27.03	
MW-17	MW	08/10/95	1252	36.59	9.66	26.93	
MW-17	MW	09/13/95	1212	36.59	8.60	27.99	
MW-18	MW	04/30/91	1007	33.94	6.44	27.50	
MW-18	MW	05/28/91	1129	33.94	6.77	27.17	
MW-18	MW	07/01/91	---	33.94	7.26	26.68	
MW-18	MW	08/06/91	---	33.94	5.58	28.36	
MW-18	MW	08/30/91	---	33.94	4.84	29.10	
MW-18	MW	09/27/91	---	33.94	6.73	27.21	
MW-18	MW	10/29/91	---	33.94	7.77	26.17	
MW-18	MW	12/02/91	---	33.94	8.49	25.45	
MW-18	MW	01/02/92	---	33.94	9.04	24.90	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-18	MW	02/04/92	---	33.94	7.75	26.19	
MW-18	MW	03/06/92	---	33.94	7.78	26.16	
MW-18	MW	03/31/92	---	33.94	7.46	26.48	
MW-18	MW	05/01/92	1338	33.94	7.78	26.16	
MW-18	MW	06/11/92	1630	33.94	6.89	27.05	
MW-18	MW	07/07/92	1305	33.94	7.51	26.43	
MW-18	MW	08/07/92	1452	33.94	7.37	26.57	
MW-18	MW	08/31/92	1142	33.94	5.76	28.18	
MW-18	MW	10/07/92	1200	33.94	4.80	29.14	
MW-18	MW	10/28/92	1519	33.94	6.22	27.72	
MW-18	MW	12/03/92	1150	33.94	5.73	28.21	
MW-18	MW	01/04/93	1125	33.94	6.77	27.17	
MW-18	MW	02/04/93	1205	33.94	5.04	28.90	
MW-18	MW	03/05/93	1145	33.94	5.10	28.84	
MW-18	MW	03/30/93	1103	33.94	5.00	28.94	
MW-18	MW	05/06/93	1130	33.94	6.58	27.36	
MW-18	MW	05/28/93	1121	33.94	7.55	26.39	
MW-18	MW	07/07/93	1140	33.94	7.93	26.01	
MW-18	MW	08/06/93	1128	33.94	7.57	26.37	
MW-18	MW	09/03/93	1110	33.94	7.70	26.24	
MW-18	MW	09/30/93	1110	33.94	7.13	26.81	
MW-18	MW	10/28/93	1100	33.94	8.29	25.65	
MW-18	MW	12/01/93	1410	33.94	7.92	26.02	
MW-18	MW	01/06/94	1140	33.94	7.53	26.41	
MW-18	MW	02/01/94	1030	33.94	5.81	28.13	
MW-18	MW	03/04/94	1045	33.94	5.68	28.26	
MW-19	MW	04/30/91	1019	32.07	9.31	22.76	
MW-19	MW	05/28/91	1150	32.07	9.43	22.64	
MW-19	MW	07/01/91	---	32.07	11.71	20.36	
MW-19	MW	08/06/91	---	32.07	8.85	23.22	
MW-19	MW	08/30/91	---	32.07	8.25	23.82	
MW-19	MW	09/27/91	---	32.07	9.00	23.07	
MW-19	MW	10/29/91	---	32.07	9.93	22.14	
MW-19	MW	12/02/91	---	32.07	10.62	21.45	
MW-19	MW	01/02/92	---	32.07	11.16	20.91	
MW-19	MW	02/04/92	---	32.07	10.97	21.10	
MW-19	MW	03/06/92	---	32.07	10.73	21.34	
MW-19	MW	03/31/92	---	32.07	10.73	21.34	
MW-19	MW	05/01/92	---	32.07	10.70	21.37	
MW-19	MW	06/11/92	1642	32.07	11.03	21.04	
MW-19	MW	07/07/92	1145	32.07	10.42	21.65	
MW-19	MW	08/31/92	1220	32.07	9.15	22.92	
MW-19	MW	10/07/92	1240	32.07	8.85	23.22	
MW-19	MW	10/28/92	1541	32.07	8.87	23.20	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MW-19	MW	12/03/92	1235	32.07	8.80	23.27	
MW-19	MW	01/04/93	1155	32.07	9.50	22.57	
MW-19	MW	02/04/93	1235	32.07	7.95	24.12	
MW-19	MW	03/05/93	1210	32.07	8.41	23.66	
MW-19	MW	03/30/93	1132	32.07	8.37	23.70	
MW-19	MW	05/06/93	1201	32.07	9.17	22.90	
MW-19	MW	05/28/93	1153	32.07	9.86	22.21	
MW-19	MW	07/07/93	1219	32.07	10.62	21.45	
MW-19	MW	08/06/93	1200	32.07	10.94	21.13	
MW-19	MW	09/03/93	1130	32.07	10.64	21.43	
MW-19	MW	09/30/93	1130	32.07	10.39	21.68	
MW-19	MW	10/28/93	1125	32.07	11.05	21.02	
MW-19	MW	12/01/93	1440	32.07	11.15	20.92	
MW-19	MW	01/06/94	1205	32.07	11.30	20.77	
MW-19	MW	02/01/94	1055	32.07	10.50	21.57	
MW-19	MW	03/04/94	1105	32.07	10.02	22.05	
MWGS-05A	MW	04/30/91	1133	20.14	2.53	17.61	
MWGS-05A	MW	07/01/91	---	20.14	2.81	17.33	
MWGS-05A	MW	08/06/91	---	20.14	1.72	18.42	
MWGS-05A	MW	08/30/91	---	20.14	1.70	18.44	
MWGS-05A	MW	09/27/91	---	20.14	2.44	17.70	
MWGS-05A	MW	12/02/91	---	20.14	3.82	16.32	
MWGS-05A	MW	06/11/92	1733	20.14	4.01	16.13	
MWGS-05A	MW	07/07/92	1105	20.14	3.63	16.51	
MWGS-05A	MW	08/31/92	1342	20.14	2.20	17.94	
MWGS-05A	MW	10/07/92	1456	20.14	1.85	18.29	
MWGS-05A	MW	10/28/92	1346	20.14	2.25	17.89	
MWGS-05A	MW	12/03/92	1415	20.14	2.08	18.06	
MWGS-05A	MW	01/04/93	1357	20.14	2.44	17.70	
MWGS-05A	MW	02/04/93	1434	20.14	1.54	18.60	
MWGS-05A	MW	03/05/93	1357	20.14	1.62	18.52	
MWGS-05A	MW	03/30/93	1308	20.14	1.46	18.68	
MWGS-05A	MW	05/06/93	1334	20.14	1.89	18.25	
MWGS-05A	MW	05/28/93	1309	20.14	2.25	17.89	
MWGS-05A	MW	07/07/93	1335	20.14	2.56	17.58	
MWGS-05A	MW	08/06/93	1313	20.14	2.75	17.39	
MWGS-05A	MW	09/03/93	1151	20.14	2.87	17.27	
MWGS-05A	MW	09/30/93	1248	20.14	2.65	17.49	
MWGS-05A	MW	10/28/93	1327	20.14	3.12	17.02	
MWGS-05A	MW	12/01/93	1517	20.14	3.03	17.11	
MWGS-05A	MW	01/06/94	1307	20.14	2.98	17.16	
MWGS-05A	MW	02/01/94	1239	20.14	2.29	17.85	
MWGS-05A	MW	03/04/94	1215	20.14	1.94	18.20	
MWGS-05A	MW	04/04/94	1134	20.14	2.47	17.67	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-05A	MW	05/06/94	1231	20.14	3.18	16.96	
MWGS-05A	MW	06/03/94	1202	20.14	3.80	16.34	
MWGS-05A	MW	07/08/94	1240	20.14	2.48	17.66	
MWGS-05A	MW	08/05/94	1505	20.14	1.90	18.24	
MWGS-05A	MW	09/07/94	1340	20.14	1.89	18.25	
MWGS-05A	MW	10/06/94	1332	20.14	.83	19.31	
MWGS-05A	MW	11/09/94	1403	20.14	1.12	19.02	
MWGS-05A	MW	12/06/94	1235	20.14	1.15	18.99	
MWGS-05A	MW	01/10/95	1701	20.14	1.34	18.80	
MWGS-05A	MW	02/02/95	1431	20.14	1.35	18.79	
MWGS-05A	MW	03/02/95	1603	20.14	1.42	18.72	
MWGS-05A	MW	04/05/95	1228	20.14	2.00	18.14	
MWGS-05A	MW	05/02/95	1349	20.14	2.38	17.76	
MWGS-05A	MW	06/09/95	1308	20.14	2.93	17.21	
MWGS-05A	MW	07/06/95	1228	20.14	3.04	17.10	
MWGS-05A	MW	08/10/95	1315	20.14	3.01	17.13	
MWGS-05A	MW	09/13/95	1503	20.14	1.90	18.24	
MWGS-20	MW	04/30/91	1120	34.10	6.39	27.71	
MWGS-20	MW	05/28/91	---	34.10	6.55	27.55	
MWGS-20	MW	07/01/91	---	34.10	6.66	27.44	
MWGS-20	MW	08/06/91	---	34.10	6.00	28.10	
MWGS-20	MW	08/30/91	---	34.10	5.84	28.26	
MWGS-20	MW	09/27/91	---	34.10	6.66	27.44	
MWGS-20	MW	10/29/91	---	34.10	7.00	27.10	
MWGS-20	MW	12/02/91	---	34.10	7.16	26.94	
MWGS-20	MW	12/16/91	---	34.10	7.30	26.80	
MWGS-20	MW	01/02/92	---	34.10	7.36	26.74	
MWGS-20	MW	02/04/92	---	34.10	6.78	27.32	
MWGS-20	MW	03/06/92	---	34.10	6.87	27.23	
MWGS-20	MW	03/31/92	---	34.10	6.97	27.13	
MWGS-20	MW	05/01/92	---	34.10	6.93	27.17	
MWGS-20	MW	06/11/92	1504	34.10	6.11	27.99	
MWGS-20	MW	07/07/92	1507	34.10	6.79	27.31	
MWGS-20	MW	08/07/92	1348	34.10	6.44	27.66	
MWGS-20	MW	08/31/92	1217	34.10	6.00	28.10	
MWGS-20	MW	10/07/92	1221	34.10	5.84	28.26	
MWGS-20	MW	10/28/92	1335	34.10	6.41	27.69	
MWGS-20	MW	12/03/92	1218	34.10	6.22	27.88	
MWGS-20	MW	01/04/93	1157	34.10	6.66	27.44	
MWGS-20	MW	02/04/93	1331	34.10	6.10	28.00	
MWGS-20	MW	03/05/93	1205	34.10	6.11	27.99	
MWGS-20	MW	03/30/93	1126	34.10	6.04	28.06	
MWGS-20	MW	05/06/93	1144	34.10	6.61	27.49	
MWGS-20	MW	05/28/93	1136	34.10	6.81	27.29	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-20	MW	07/07/93	1125	34.10	6.78	27.32	
MWGS-20	MW	08/06/93	1106	34.10	6.44	27.66	
MWGS-20	MW	09/03/93	1122	34.10	6.72	27.38	
MWGS-20	MW	09/30/93	1012	34.10	6.56	27.54	
MWGS-20	MW	10/28/93	1122	34.10	7.00	27.10	
MWGS-20	MW	12/01/93	1427	34.10	6.76	27.34	
MWGS-20	MW	01/06/94	1143	34.10	6.43	27.67	
MWGS-20	MW	02/01/94	1125	34.10	5.78	28.32	
MWGS-20	MW	03/04/94	1124	34.10	5.85	28.25	
MWGS-20	MW	04/04/94	1102	34.10	6.72	27.38	
MWGS-20	MW	05/06/94	1159	34.10	7.10	27.00	
MWGS-20	MW	06/03/94	1145	34.10	7.33	26.77	
MWGS-20	MW	07/08/94	1158	34.10	5.87	28.23	
MWGS-20	MW	08/05/94	1439	34.10	6.01	28.09	
MWGS-20	MW	09/07/94	1132	34.10	6.09	28.01	
MWGS-20	MW	10/06/94	1215	34.10	4.74	29.36	
MWGS-20	MW	11/09/94	1329	34.10	5.87	28.23	
MWGS-20	MW	12/06/94	1150	34.10	5.46	28.64	
MWGS-20	MW	01/10/95	1625	34.10	5.90	28.20	
MWGS-20	MW	02/02/95	1404	34.10	5.99	28.11	
MWGS-20	MW	03/02/95	1538	34.10	5.92	28.18	
MWGS-20	MW	04/05/95	1148	34.10	6.48	27.62	
MWGS-20	MW	05/02/95	1333	34.10	6.73	27.37	
MWGS-20	MW	06/09/95	1133	34.10	6.66	27.44	
MWGS-20	MW	07/06/95	1118	34.10	6.60	27.50	
MWGS-20	MW	08/10/95	1253	34.10	6.69	27.41	
MWGS-20	MW	09/13/95	1216	34.10	5.95	28.15	
MWGS-21	MW	04/30/91	1125	33.41	4.81	28.60	
MWGS-21	MW	05/28/91	---	33.41	4.96	28.45	
MWGS-21	MW	07/01/91	---	33.41	5.09	28.32	
MWGS-21	MW	08/06/91	---	33.41	4.44	28.97	
MWGS-21	MW	08/30/91	---	33.41	4.25	29.16	
MWGS-21	MW	09/27/91	---	33.41	5.07	28.34	
MWGS-21	MW	10/29/91	---	33.41	5.44	27.97	
MWGS-21	MW	12/02/91	---	33.41	5.61	27.80	
MWGS-21	MW	12/16/91	---	33.41	5.75	27.66	
MWGS-21	MW	01/02/92	---	33.41	5.79	27.62	
MWGS-21	MW	02/04/92	---	33.41	5.20	28.21	
MWGS-21	MW	03/06/92	---	33.41	5.30	28.11	
MWGS-21	MW	03/31/92	---	33.41	5.36	28.05	
MWGS-21	MW	05/01/92	---	33.41	5.37	28.04	
MWGS-21	MW	06/11/92	1506	33.41	4.40	29.01	
MWGS-21	MW	07/07/92	1505	33.41	5.14	28.27	
MWGS-21	MW	08/07/92	1350	33.41	4.81	28.60	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-21	MW	08/31/92	1222	33.41	4.34	29.07	
MWGS-21	MW	10/07/92	1223	33.41	4.17	29.24	
MWGS-21	MW	10/28/92	1338	33.41	4.73	28.68	
MWGS-21	MW	12/03/92	1221	33.41	4.56	28.85	
MWGS-21	MW	01/04/93	1203	33.41	5.01	28.40	
MWGS-21	MW	02/04/93	1333	33.41	4.40	29.01	
MWGS-21	MW	03/05/93	1209	33.41	4.33	29.08	
MWGS-21	MW	03/30/93	1128	33.41	4.38	29.03	
MWGS-21	MW	05/06/93	1148	33.41	4.94	28.47	
MWGS-21	MW	05/28/93	1140	33.41	5.15	28.26	
MWGS-21	MW	07/07/93	1128	33.41	5.20	28.21	
MWGS-21	MW	08/06/93	1110	33.41	4.97	28.44	
MWGS-21	MW	09/03/93	1126	33.41	5.10	28.31	
MWGS-21	MW	09/30/93	1153	33.41	4.95	28.46	
MWGS-21	MW	10/28/93	1125	33.41	5.40	28.01	
MWGS-21	MW	12/01/93	1431	33.41	5.17	28.24	
MWGS-21	MW	01/06/94	1146	33.41	4.90	28.51	
MWGS-21	MW	02/01/94	1120	33.41	4.10	29.31	
MWGS-21	MW	03/04/94	1127	33.41	4.12	29.29	
MWGS-21	MW	04/04/94	1104	33.41	5.14	28.27	
MWGS-21	MW	05/06/94	1202	33.41	5.53	27.88	
MWGS-21	MW	06/03/94	1147	33.41	5.74	27.67	
MWGS-21	MW	07/08/94	1200	33.41	4.22	29.19	
MWGS-21	MW	08/05/94	1441	33.41	4.37	29.04	
MWGS-21	MW	09/07/94	1135	33.41	4.52	28.89	
MWGS-21	MW	10/06/94	1226	33.41	3.30	30.11	
MWGS-21	MW	11/09/94	1332	33.41	4.38	29.03	
MWGS-21	MW	12/06/94	1152	33.41	3.99	29.42	
MWGS-21	MW	01/10/95	1628	33.41	4.50	28.91	
MWGS-21	MW	02/02/95	1405	33.41	4.55	28.86	
MWGS-21	MW	03/02/95	1540	33.41	4.45	28.96	
MWGS-21	MW	04/05/95	1151	33.41	5.06	28.35	
MWGS-21	MW	05/02/95	1336	33.41	5.32	28.09	
MWGS-21	MW	06/09/95	1135	33.41	5.29	28.12	
MWGS-21	MW	07/06/95	1121	33.41	5.21	28.20	
MWGS-21	MW	08/10/95	1254	33.41	5.22	28.19	
MWGS-21	MW	09/13/95	1220	33.41	4.50	28.91	
MWGS-22	MW	04/30/91	1040	18.71	2.61	16.10	
MWGS-22	MW	05/28/91	1205	18.71	2.78	15.93	
MWGS-22	MW	07/01/91	---	18.71	2.92	15.79	
MWGS-22	MW	08/06/91	---	18.71	2.43	16.28	
MWGS-22	MW	08/30/91	---	18.71	2.28	16.43	
MWGS-22	MW	09/27/91	---	18.71	2.80	15.91	
MWGS-22	MW	10/29/91	---	18.71	3.14	15.57	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-22	MW	12/02/91	---	18.71	3.24	15.47	
MWGS-22	MW	01/02/92	---	18.71	3.44	15.27	
MWGS-22	MW	02/04/92	---	18.71	4.84	13.87	
MWGS-22	MW	03/06/92	---	18.71	4.20	14.51	
MWGS-22	MW	03/31/92	---	18.71	4.01	14.70	
MWGS-22	MW	05/01/92	---	18.71	4.32	14.39	
MWGS-22	MW	06/11/92	1703	18.71	3.90	14.81	
MWGS-22	MW	07/07/92	1030	18.71	4.73	13.98	
MWGS-22	MW	08/31/92	1345	18.71	3.18	15.53	
MWGS-22	MW	10/07/92	1506	18.71	2.70	16.01	
MWGS-22	MW	10/28/92	1329	18.71	2.88	15.83	
MWGS-22	MW	12/03/92	1356	18.71	2.94	15.77	
MWGS-22	MW	01/04/93	1330	18.71	3.49	15.22	
MWGS-22	MW	02/04/93	1424	18.71	2.33	16.38	
MWGS-22	MW	03/05/93	1355	18.71	2.54	16.17	
MWGS-22	MW	03/30/93	1256	18.71	2.77	15.94	
MWGS-22	MW	05/06/93	1309	18.71	3.52	15.19	
MWGS-22	MW	05/28/93	1257	18.71	4.03	14.68	
MWGS-22	MW	07/07/93	1315	18.71	3.99	14.72	
MWGS-22	MW	08/06/93	1321	18.71	3.93	14.78	
MWGS-22	MW	09/03/93	1213	18.71	4.46	14.25	
MWGS-22	MW	09/30/93	1305	18.71	4.42	14.29	
MWGS-22	MW	10/28/93	1250	18.71	4.36	14.35	
MWGS-22	MW	12/01/93	1535	18.71	4.14	14.57	
MWGS-22	MW	01/06/94	1325	18.71	3.70	15.01	
MWGS-22	MW	02/01/94	1255	18.71	2.93	15.78	
MWGS-22	MW	03/04/94	1236	18.71	2.78	15.93	
MWGS-22	MW	04/04/94	1156	18.71	3.58	15.13	
MWGS-22	MW	05/06/94	1300	18.71	4.28	14.43	
MWGS-22	MW	06/03/94	1233	18.71	4.67	14.04	
MWGS-22	MW	07/08/94	1220	18.71	3.15	15.56	
MWGS-22	MW	08/05/94	1454	18.71	3.05	15.66	
MWGS-22	MW	09/07/94	1332	18.71	2.84	15.87	
MWGS-22	MW	10/06/94	1308	18.71	1.96	16.75	
MWGS-22	MW	11/09/94	1341	18.71	2.23	16.48	
MWGS-22	MW	12/06/94	1208	18.71	2.13	16.58	
MWGS-22	MW	01/10/95	1645	18.71	2.47	16.24	
MWGS-22	MW	02/02/95	1418	18.71	2.37	16.34	
MWGS-22	MW	03/02/95	1554	18.71	2.42	16.29	
MWGS-22	MW	04/05/95	1213	18.71	3.07	15.64	
MWGS-22	MW	05/02/95	1413	18.71	3.46	15.25	
MWGS-22	MW	06/09/95	1300	18.71	3.63	15.08	
MWGS-22	MW	07/06/95	1222	18.71	3.76	14.95	
MWGS-22	MW	08/10/95	1308	18.71	3.80	14.91	
MWGS-22	MW	09/13/95	1440	18.71	2.60	16.11	



**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-27A	MW	11/21/91	---	35.32	12.67	22.65	
MWGS-27A	MW	05/14/92	1142	35.32	12.43	22.89	
MWGS-27A	MW	06/11/92	1210	35.32	12.26	23.06	
MWGS-27A	MW	08/07/92	1111	35.32	12.15	23.17	
MWGS-27A	MW	08/31/92	1054	35.32	10.39	24.93	
MWGS-27A	MW	10/07/92	1115	35.30	10.63	24.67	New measuring point established.
MWGS-27A	MW	12/03/92	1056	35.30	11.07	24.23	
MWGS-27A	MW	01/04/93	1030	35.30	11.84	23.46	
MWGS-27A	MW	02/04/93	1129	35.30	10.53	24.77	
MWGS-27A	MW	03/05/93	1045	35.30	11.29	24.01	
MWGS-27A	MW	03/30/93	1015	35.30	11.38	23.92	
MWGS-27A	MW	05/06/93	1025	35.30	11.74	23.56	
MWGS-27A	MW	05/28/93	1035	35.30	---	---	Well appears dry.
MWGS-27A	MW	07/07/93	1020	35.30	---	---	Well appears dry.
MWGS-27A	MW	08/06/93	1000	35.30	---	---	Well appears dry.
MWGS-27B	MW	05/14/92	1148	35.40	15.18	20.22	
MWGS-27B	MW	08/07/92	1116	35.40	---	---	Free product present in well.
MWGS-27C	MW	11/21/91	---	35.29	14.73	20.56	
MWGS-27C	MW	05/14/92	1145	35.29	15.39	19.90	
MWGS-27C	MW	06/11/92	1215	35.29	16.25	19.04	
MWGS-27C	MW	08/07/92	1118	35.29	15.89	19.40	
MWGS-27C	MW	08/31/92	1053	35.29	13.10	22.19	
MWGS-27C	MW	10/07/92	1118	35.28	12.91	22.37	New measuring point established.
MWGS-27C	MW	10/28/92	1145	35.28	13.47	21.81	
MWGS-27C	MW	12/03/92	1052	35.28	13.60	21.68	
MWGS-27C	MW	01/04/93	1024	35.28	14.50	20.78	
MWGS-27C	MW	02/04/93	1132	35.28	12.73	22.55	
MWGS-27C	MW	03/05/93	1048	35.28	13.46	21.82	
MWGS-27C	MW	03/30/93	1017	35.28	15.52	19.76	
MWGS-27C	MW	05/06/93	1024	35.28	15.93	19.35	
MWGS-27C	MW	05/28/93	1032	35.28	16.61	18.67	
MWGS-27C	MW	07/07/93	1019	35.28	15.67	19.61	
MWGS-27C	MW	08/06/93	1005	35.28	16.39	18.89	
MWGS-27C	MW	09/03/93	1023	35.28	16.33	18.95	
MWGS-27C	MW	09/30/93	1116	35.28	15.86	19.42	
MWGS-27C	MW	10/28/93	1016	35.28	16.70	18.58	
MWGS-27C	MW	12/01/93	1316	35.28	16.75	18.53	
MWGS-27C	MW	01/06/94	1037	35.28	16.87	18.41	
MWGS-27C	MW	02/01/94	1033	35.28	15.69	19.59	
MWGS-27C	MW	03/04/94	1015	35.28	15.35	19.93	
MWGS-27C	MW	04/04/94	1001	35.28	15.85	19.43	
MWGS-27C	MW	05/06/94	1051	35.28	16.78	18.50	
MWGS-27C	MW	06/03/94	1033	35.28	17.57	17.71	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water; indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-27C	MW	07/08/94	1037	35.28	16.08	19.20	
MWGS-27C	MW	08/05/94	1340	35.28	14.31	20.97	
MWGS-27C	MW	09/07/94	1040	35.28	14.18	21.10	
MWGS-27C	MW	10/06/94	1107	35.28	11.71	23.57	
MWGS-27C	MW	11/09/94	1233	35.28	13.18	22.10	
MWGS-27C	MW	12/06/94	1043	35.28	13.89	21.39	
MWGS-27C	MW	01/10/95	1632	35.28	13.83	21.45	
MWGS-27C	MW	02/02/95	1319	35.28	13.58	21.70	
MWGS-27C	MW	03/02/95	1452	35.28	13.65	21.63	
MWGS-27C	MW	04/05/95	1028	35.28	14.56	20.72	
MWGS-27C	MW	05/02/95	1130	35.28	15.20	20.08	
MWGS-27C	MW	06/09/95	1030	35.28	16.14	19.14	
MWGS-27C	MW	07/06/95	1134	35.28	15.93	19.35	
MWGS-27C	MW	08/10/95	1102	35.28	15.52	19.76	
MWGS-27C	MW	09/13/95	1134	35.28	13.24	22.04	
MWGS-28A	MW	11/21/91	---	34.97	13.74	21.23	
MWGS-28A	MW	05/14/92	1129	34.97	13.44	21.53	
MWGS-28A	MW	06/11/92	1150	34.97	13.63	21.34	
MWGS-28A	MW	08/07/92	1055	34.97	13.10	21.87	
MWGS-28A	MW	08/31/92	1107	34.97	10.78	24.19	
MWGS-28A	MW	10/07/92	1110	34.97	10.96	24.01	
MWGS-28A	MW	10/28/92	1139	34.97	11.29	23.68	
MWGS-28A	MW	12/03/92	1030	34.97	11.37	23.60	
MWGS-28A	MW	01/04/93	1040	34.97	12.10	22.87	
MWGS-28A	MW	02/04/93	1117	34.97	10.90	24.07	
MWGS-28A	MW	03/05/93	1055	34.97	11.57	23.40	
MWGS-28A	MW	03/30/93	0959	34.97	11.78	23.19	
MWGS-28A	MW	05/06/93	1035	34.97	12.59	22.38	
MWGS-28A	MW	05/28/93	1029	34.97	14.32	20.65	
MWGS-28A	MW	07/07/93	1029	34.97	14.17	20.80	
MWGS-28A	MW	08/06/93	1010	34.97	14.24	20.73	
MWGS-28A	MW	09/03/93	1025	34.97	11.98	22.99	
MWGS-28A	MW	09/30/93	1107	34.97	11.96	23.01	
MWGS-28A	MW	10/28/93	1013	34.97	13.15	21.82	
MWGS-28A	MW	12/01/93	1322	34.97	13.85	21.12	
MWGS-28A	MW	01/06/94	1034	34.97	14.19	20.78	
MWGS-28A	MW	02/01/94	1025	34.97	11.98	22.99	
MWGS-28A	MW	03/04/94	1011	34.97	11.75	23.22	
MWGS-28A	MW	04/04/94	1007	34.97	12.35	22.62	
MWGS-28A	MW	05/06/94	1057	34.97	14.24	20.73	
MWGS-28A	MW	06/03/94	1026	34.97	14.67	20.30	
MWGS-28A	MW	07/08/94	1040	34.97	11.67	23.30	
MWGS-28A	MW	08/05/94	1327	34.97	11.05	23.92	
MWGS-28A	MW	09/07/94	1055	34.97	11.24	23.73	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-28A	MW	10/06/94	1105	34.97	9.56	25.41	
MWGS-28A	MW	11/09/94	1237	34.97	10.75	24.22	
MWGS-28A	MW	12/06/94	1049	34.97	11.47	23.50	
MWGS-28A	MW	01/10/95	1254	34.97	11.37	23.60	
MWGS-28A	MW	02/02/95	---	34.97	---	---	Free product present in well.
MWGS-28A	MW	03/02/95	1434	34.97	11.60	23.37	
MWGS-28A	MW	04/05/95	1039	34.97	14.73	20.24	
MWGS-28A	MW	05/02/95	1143	34.97	13.11	21.86	
MWGS-28A	MW	06/09/95	1035	34.97	17.19	17.78	
MWGS-28A	MW	07/06/95	1026	34.97	13.84	21.13	
MWGS-28A	MW	08/10/95	1232	34.97	12.14	22.83	
MWGS-28A	MW	09/13/95	1139	34.97	10.78	24.19	
MWGS-28B	MW	11/21/91	---	35.17	14.77	20.40	
MWGS-28B	MW	05/14/92	1133	35.17	15.44	19.73	
MWGS-28B	MW	06/11/92	1155	35.17	16.45	18.72	
MWGS-28B	MW	08/07/92	1104	35.17	16.06	19.11	
MWGS-28B	MW	08/31/92	1104	35.17	13.25	21.92	
MWGS-28B	MW	10/07/92	1105	35.16	13.09	22.07	New measuring point established.
MWGS-28B	MW	10/28/92	1137	35.16	13.64	21.52	
MWGS-28B	MW	12/03/92	1048	35.16	13.77	21.39	
MWGS-28B	MW	01/04/93	1033	35.16	14.66	20.50	
MWGS-28B	MW	02/04/93	1121	35.16	12.90	22.26	
MWGS-28B	MW	03/05/93	1058	35.16	13.63	21.53	
MWGS-28B	MW	03/30/93	1007	35.16	16.09	19.07	
MWGS-28B	MW	05/06/93	1041	35.16	16.55	18.61	
MWGS-28B	MW	05/28/93	1024	35.16	17.19	17.97	
MWGS-28B	MW	07/07/93	1022	35.16	15.77	19.39	
MWGS-28B	MW	08/06/93	1008	35.16	16.66	18.50	
MWGS-28B	MW	09/03/93	1028	35.16	16.77	18.39	
MWGS-28B	MW	09/30/93	1113	35.16	16.15	19.01	
MWGS-28B	MW	10/28/93	1010	35.16	16.97	18.19	
MWGS-28B	MW	12/01/93	1324	35.16	17.04	18.12	
MWGS-28B	MW	01/06/94	1032	35.16	17.09	18.07	
MWGS-28B	MW	02/01/94	1030	35.16	15.88	19.28	
MWGS-28B	MW	03/04/94	1013	35.16	15.59	19.57	
MWGS-28B	MW	04/04/94	1008	35.16	16.15	19.01	
MWGS-28B	MW	05/06/94	1053	35.16	17.02	18.14	
MWGS-28B	MW	06/03/94	1025	35.16	17.86	17.30	
MWGS-28B	MW	07/08/94	1035	35.16	16.28	18.88	
MWGS-28B	MW	08/05/94	1320	35.16	14.55	20.61	
MWGS-28B	MW	09/07/94	1050	35.16	14.43	20.73	
MWGS-28B	MW	10/06/94	---	35.16	11.98	23.18	
MWGS-28B	MW	11/09/94	1235	35.16	13.51	21.65	
MWGS-28B	MW	12/06/94	1048	35.16	14.32	20.84	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-28B	MW	01/10/95	1256	35.16	14.16	21.00	
MWGS-28B	MW	02/02/95	1317	35.16	13.76	21.40	
MWGS-28B	MW	03/02/95	1545	35.16	13.81	21.35	
MWGS-28B	MW	04/05/95	1157	35.16	12.19	22.97	
MWGS-28B	MW	05/02/95	1241	35.16	15.33	19.83	
MWGS-28B	MW	06/09/95	1148	35.16	16.32	18.84	
MWGS-28B	MW	07/06/95	1130	35.16	16.09	19.07	
MWGS-28B	MW	08/10/95	1135	35.16	15.67	19.49	
MWGS-28B	MW	09/13/95	1137	35.16	13.40	21.76	
MWGS-28C	MW	11/21/91	---	34.70	13.49	21.21	
MWGS-28C	MW	05/14/92	1135	34.70	13.10	21.60	
MWGS-28C	MW	06/11/92	1200	34.70	13.13	21.57	
MWGS-28C	MW	08/07/92	1057	34.70	12.96	21.74	
MWGS-28C	MW	08/31/92	1102	34.70	11.16	23.54	
MWGS-28C	MW	10/07/92	1108	34.70	11.20	23.50	
MWGS-28C	MW	10/28/92	1132	34.70	11.58	23.12	
MWGS-28C	MW	12/03/92	1044	34.70	11.82	22.88	
MWGS-28C	MW	01/04/93	1044	34.70	12.60	22.10	
MWGS-28C	MW	02/04/93	1114	34.70	11.26	23.44	
MWGS-28C	MW	03/05/93	1052	34.70	11.40	23.30	
MWGS-28C	MW	03/30/93	1008	34.70	12.80	21.90	
MWGS-28C	MW	05/06/93	1030	34.70	13.24	21.46	
MWGS-28C	MW	07/07/93	1028	34.70	---	---	Well appears dry.
MWGS-28C	MW	08/06/93	1000	34.70	---	---	Well appears dry.
MWGS-28D	MW	10/28/93	1019	34.73	16.41	18.32	
MWGS-28D	MW	12/01/93	1326	34.73	16.52	18.21	
MWGS-28D	MW	01/06/94	1030	34.73	16.55	18.18	
MWGS-28D	MW	02/01/94	1023	34.73	15.39	19.34	
MWGS-28D	MW	03/04/94	1008	34.73	15.08	19.65	
MWGS-28D	MW	04/04/94	1003	34.73	15.61	19.12	
MWGS-28D	MW	06/03/94	1022	34.73	17.29	17.44	
MWGS-28D	MW	07/08/94	1044	34.73	15.72	19.01	
MWGS-28D	MW	08/05/94	1325	34.73	14.10	20.63	
MWGS-28D	MW	09/07/94	1052	34.73	13.95	20.78	
MWGS-28D	MW	10/06/94	1103	34.73	11.59	23.14	
MWGS-28D	MW	11/09/94	1239	34.73	---	---	Free product present in well.
MWGS-28D	MW	12/06/94	1044	34.73	13.86	20.87	
MWGS-28D	MW	01/10/95	1258	34.73	13.68	21.05	
MWGS-28D	MW	02/02/95	1315	34.73	---	---	Free product present in well.
MWGS-28D	MW	03/02/95	---	34.73	---	---	Free product present in well.
MWGS-28D	MW	04/05/95	1029	34.73	14.20	20.53	
MWGS-28D	MW	05/02/95	1134	34.73	---	---	Free product present in well.
MWGS-28D	MW	06/09/95	1034	34.73	---	---	Free product present in well.

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-28D	MW	07/06/95	---	34.73	---	---	Free product present in well.
MWGS-28D	MW	08/10/95	---	34.73	---	---	Free product present in well.
MWGS-29A	MW	11/21/91	---	35.36	14.57	20.79	
MWGS-29A	MW	05/14/92	1115	35.36	15.32	20.04	
MWGS-29A	MW	06/11/92	1253	35.36	16.18	19.18	
MWGS-29A	MW	07/07/92	1730	35.36	15.14	20.22	
MWGS-29A	MW	08/07/92	1141	35.36	---	---	Free product present in well.
MWGS-29B	MW	11/21/91	---	35.39	14.61	20.78	
MWGS-29B	MW	12/16/91	---	35.39	15.08	20.31	
MWGS-29B	MW	05/14/92	1117	35.39	15.36	20.03	
MWGS-29B	MW	06/11/92	1245	35.39	16.25	19.14	
MWGS-29B	MW	07/07/92	1735	35.39	15.73	19.66	
MWGS-29B	MW	08/07/92	1143	35.39	15.95	19.44	
MWGS-29B	MW	08/31/92	1119	35.39	13.09	22.30	
MWGS-29B	MW	10/07/92	1124	35.39	13.03	22.36	
MWGS-29B	MW	10/28/92	1155	35.39	13.50	21.89	
MWGS-29B	MW	12/03/92	1106	35.39	13.77	21.62	
MWGS-29B	MW	01/04/93	1053	35.39	14.66	20.73	
MWGS-29B	MW	02/04/93	1144	35.39	13.00	22.39	
MWGS-29B	MW	03/05/93	1105	35.39	13.64	21.75	
MWGS-29B	MW	03/30/93	1027	35.39	16.13	19.26	
MWGS-29B	MW	05/06/93	1052	35.39	16.56	18.83	
MWGS-29B	MW	05/28/93	1041	35.39	17.20	18.19	
MWGS-29B	MW	07/07/93	1039	35.39	16.50	18.89	
MWGS-29B	MW	08/06/93	1016	35.39	16.66	18.73	
MWGS-29B	MW	09/03/93	1036	35.39	16.88	18.51	
MWGS-29B	MW	09/30/93	1055	35.39	16.34	19.05	
MWGS-29B	MW	10/28/93	1032	35.39	17.05	18.34	
MWGS-29B	MW	12/01/93	1333	35.39	16.93	18.46	
MWGS-29B	MW	01/06/94	1041	35.39	17.27	18.12	
MWGS-29B	MW	02/01/94	1038	35.39	15.41	19.98	
MWGS-29B	MW	03/04/94	1020	35.39	15.96	19.43	
MWGS-29B	MW	04/04/94	1015	35.39	16.42	18.97	
MWGS-29B	MW	05/06/94	1104	35.39	17.21	18.18	
MWGS-29B	MW	06/03/94	1042	35.39	17.91	17.48	
MWGS-29B	MW	07/08/94	1051	35.39	16.55	18.84	
MWGS-29B	MW	08/05/94	1352	35.39	14.71	20.68	
MWGS-29B	MW	09/07/94	1110	35.39	14.40	20.99	
MWGS-29B	MW	10/06/94	1115	35.39	12.32	23.07	
MWGS-29B	MW	11/09/94	1246	35.39	13.94	21.45	
MWGS-29B	MW	12/06/94	1106	35.39	14.56	20.83	
MWGS-29B	MW	01/10/95	1302	35.39	14.40	20.99	
MWGS-29B	MW	02/02/95	1323	35.39	14.23	21.16	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-29B	MW	03/02/95	1449	35.39	14.05	21.34	
MWGS-29B	MW	04/05/95	1045	35.39	14.70	20.69	
MWGS-29B	MW	05/02/95	1150	35.39	15.46	19.93	
MWGS-29B	MW	06/09/95	1038	35.39	16.32	19.07	
MWGS-29B	MW	07/06/95	1036	35.39	15.98	19.41	
MWGS-29B	MW	08/10/95	1108	35.39	15.90	19.49	
MWGS-29B	MW	09/13/95	1145	35.39	13.53	21.86	
MWGS-30A	MW	11/21/91	---	36.22	15.18	21.04	
MWGS-30A	MW	05/14/92	1104	36.22	15.92	20.30	
MWGS-30A	MW	06/11/92	1258	36.22	16.27	19.95	
MWGS-30A	MW	07/07/92	1740	36.22	15.63	20.59	
MWGS-30A	MW	08/07/92	1148	36.22	---	---	Free product present in well.
MWGS-30B	MW	11/21/91	---	36.14	15.09	21.05	
MWGS-30B	MW	12/16/91	---	36.14	15.57	20.57	
MWGS-30B	MW	05/14/92	1112	36.14	15.83	20.31	
MWGS-30B	MW	06/11/92	1255	36.14	16.57	19.57	
MWGS-30B	MW	07/07/92	1742	36.14	15.90	20.24	
MWGS-30B	MW	08/07/92	1146	36.14	16.18	19.96	
MWGS-30B	MW	08/31/92	1115	36.14	13.40	22.74	
MWGS-30B	MW	10/07/92	1128	36.14	13.37	22.77	
MWGS-30B	MW	10/28/92	1157	36.14	13.86	22.28	
MWGS-30B	MW	12/03/92	1101	36.14	14.09	22.05	
MWGS-30B	MW	01/04/93	1050	36.14	14.97	21.17	
MWGS-30B	MW	02/04/93	1142	36.14	13.35	22.79	
MWGS-30B	MW	03/05/93	1102	36.14	13.99	22.15	
MWGS-30B	MW	03/30/93	1024	36.14	15.93	20.21	
MWGS-30B	MW	05/06/93	1048	36.14	16.35	19.79	
MWGS-30B	MW	05/28/93	1044	36.14	17.05	19.09	
MWGS-30B	MW	07/07/93	1036	36.14	16.55	19.59	
MWGS-30B	MW	08/06/93	1019	36.14	16.78	19.36	
MWGS-30B	MW	09/03/93	1038	36.14	16.69	19.45	
MWGS-30B	MW	09/30/93	1054	36.14	16.25	19.89	
MWGS-30B	MW	10/28/93	1030	36.14	17.05	19.09	
MWGS-30B	MW	12/01/93	1332	36.14	16.99	19.15	
MWGS-30B	MW	01/06/94	1043	36.14	17.32	18.82	
MWGS-30B	MW	02/01/94	1042	36.14	15.90	20.24	
MWGS-30B	MW	03/04/94	1022	36.14	15.92	20.22	
MWGS-30B	MW	04/04/94	1019	36.14	16.33	19.81	
MWGS-30B	MW	05/06/94	1101	36.14	17.22	18.92	
MWGS-30B	MW	06/03/94	1041	36.14	17.92	18.22	
MWGS-30B	MW	07/08/94	1055	36.14	16.56	19.58	
MWGS-30B	MW	08/05/94	1350	36.14	14.80	21.34	
MWGS-30B	MW	09/07/94	1105	36.14	14.44	21.70	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-30B	MW	10/06/94	1120	36.14	12.23	23.91	
MWGS-30B	MW	11/09/94	1244	36.14	13.84	22.30	
MWGS-30B	MW	12/06/94	1100	36.14	14.57	21.57	
MWGS-30B	MW	01/10/95	1305	36.14	14.47	21.67	
MWGS-30B	MW	02/02/95	1321	36.14	14.09	22.05	
MWGS-30B	MW	03/02/95	1447	36.14	14.26	21.88	
MWGS-30B	MW	04/05/95	1050	36.14	14.99	21.15	
MWGS-30B	MW	05/02/95	1154	36.14	15.65	20.49	
MWGS-30B	MW	06/09/95	1041	36.14	16.50	19.64	
MWGS-30B	MW	07/06/95	1034	36.14	16.22	19.92	
MWGS-30B	MW	08/10/95	1106	36.14	16.00	20.14	
MWGS-30B	MW	09/13/95	1147	36.14	13.71	22.43	
MWGS-31A	MW	02/04/92	---	34.58	7.70	26.88	Pre-start-up water levels.
MWGS-31A	MW	02/20/92	1600	34.58	7.91	26.67	
MWGS-31A	MW	02/25/92	0954	34.58	7.79	26.79	
MWGS-31A	MW	06/11/92	1443	34.58	7.27	27.31	
MWGS-31A	MW	07/07/92	1558	34.58	7.50	27.08	
MWGS-31A	MW	08/07/92	1323	34.58	7.37	27.21	
MWGS-31A	MW	08/31/92	1159	34.58	6.08	28.50	
MWGS-31A	MW	10/07/92	1211	34.58	5.90	28.68	
MWGS-31A	MW	10/28/92	1321	34.58	6.81	27.77	
MWGS-31A	MW	12/03/92	1206	34.58	6.57	28.01	
MWGS-31A	MW	01/04/93	1151	34.58	7.36	27.22	
MWGS-31A	MW	02/04/93	1233	34.58	6.33	28.25	
MWGS-31A	MW	03/05/93	1155	34.58	6.71	27.87	
MWGS-31A	MW	03/30/93	1114	34.58	6.29	28.29	
MWGS-31A	MW	05/06/93	1133	34.58	7.15	27.43	
MWGS-31A	MW	05/28/93	1126	34.58	7.59	26.99	
MWGS-31A	MW	07/07/93	1116	34.58	7.48	27.10	
MWGS-31A	MW	08/06/93	1056	34.58	7.15	27.43	
MWGS-31A	MW	09/03/93	1114	34.58	7.34	27.24	
MWGS-31A	MW	09/30/93	0957	34.58	7.13	27.45	
MWGS-31A	MW	10/28/93	1111	34.58	8.00	26.58	
MWGS-31A	MW	12/01/93	1411	34.58	7.57	27.01	
MWGS-31A	MW	01/06/94	1129	34.58	6.97	27.61	
MWGS-31A	MW	02/01/94	1129	34.58	6.22	28.36	
MWGS-31A	MW	03/04/94	1056	34.58	6.40	28.18	
MWGS-31A	MW	04/04/94	1054	34.58	7.55	27.03	
MWGS-31A	MW	05/06/94	1147	34.58	8.20	26.38	
MWGS-31A	MW	06/03/94	1125	34.58	8.67	25.91	
MWGS-31A	MW	07/08/94	1145	34.58	6.17	28.41	
MWGS-31A	MW	08/05/94	1428	34.58	6.18	28.40	
MWGS-31A	MW	09/07/94	1245	34.58	6.38	28.20	
MWGS-31A	MW	10/06/94	1201	34.58	4.72	29.86	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-31A	MW	11/09/94	1321	34.58	6.28	28.30	
MWGS-31A	MW	12/06/94	1141	34.58	6.15	28.43	
MWGS-31A	MW	01/10/95	1619	34.58	6.46	28.12	
MWGS-31A	MW	02/02/95	1358	34.58	6.59	27.99	
MWGS-31A	MW	03/02/95	1528	34.58	6.58	28.00	
MWGS-31A	MW	04/05/95	1138	34.58	7.36	27.22	
MWGS-31A	MW	05/02/95	1325	34.58	7.76	26.82	
MWGS-31A	MW	06/09/95	1121	34.58	7.62	26.96	
MWGS-31A	MW	07/06/95	1109	34.58	7.49	27.09	
MWGS-31A	MW	08/10/95	1242	34.58	7.59	26.99	
MWGS-31A	MW	09/13/95	1207	34.58	6.49	28.09	
MWGS-31B	MW	02/04/92	---	34.47	7.67	26.80	Pre-start-up water levels.
MWGS-31B	MW	02/20/92	1557	34.47	7.94	26.53	
MWGS-31B	MW	02/25/92	0956	34.47	7.78	26.69	
MWGS-31B	MW	06/11/92	1444	34.47	7.34	27.13	
MWGS-31B	MW	07/07/92	1600	34.47	7.45	27.02	
MWGS-31B	MW	08/07/92	1325	34.47	7.32	27.15	
MWGS-31B	MW	08/31/92	1204	34.47	6.16	28.31	
MWGS-31B	MW	10/07/92	1212	34.47	5.89	28.58	
MWGS-31B	MW	10/28/92	1324	34.47	6.75	27.72	
MWGS-31B	MW	12/03/92	1208	34.47	6.53	27.94	
MWGS-31B	MW	01/04/93	1148	34.47	7.30	27.17	
MWGS-31B	MW	02/04/93	1234	34.47	6.28	28.19	
MWGS-31B	MW	03/05/93	1156	34.47	6.70	27.77	
MWGS-31B	MW	03/30/93	1116	34.47	6.34	28.13	
MWGS-31B	MW	05/06/93	1141	34.47	7.16	27.31	
MWGS-31B	MW	05/28/93	1133	34.47	7.60	26.87	
MWGS-31B	MW	07/07/93	1117	34.47	7.48	26.99	
MWGS-31B	MW	08/06/93	1058	34.47	7.10	27.37	
MWGS-31B	MW	09/03/93	1115	34.47	7.30	27.17	
MWGS-31B	MW	09/30/93	0958	34.47	7.12	27.35	
MWGS-31B	MW	10/28/93	1113	34.47	8.07	26.40	
MWGS-31B	MW	12/01/93	1420	34.47	7.61	26.86	
MWGS-31B	MW	01/06/94	1132	34.47	6.98	27.49	
MWGS-31B	MW	02/01/94	1130	34.47	6.25	28.22	
MWGS-31B	MW	03/04/94	1101	34.47	6.40	28.07	
MWGS-31B	MW	04/04/94	1056	34.47	7.65	26.82	
MWGS-31B	MW	05/06/94	1149	34.47	8.22	26.25	
MWGS-31B	MW	06/03/94	1128	34.47	8.70	25.77	
MWGS-31B	MW	07/08/94	1204	34.47	6.22	28.25	
MWGS-31B	MW	08/05/94	1436	34.47	6.31	28.16	
MWGS-31B	MW	09/07/94	1254	34.47	6.58	27.89	
MWGS-31B	MW	10/06/94	1204	34.47	4.66	29.81	
MWGS-31B	MW	11/09/94	1322	34.47	6.27	28.20	



**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-31B	MW	12/06/94	1154	34.47	6.23	28.24	
MWGS-31B	MW	01/10/95	1620	34.47	6.50	27.97	
MWGS-31B	MW	02/02/95	1359	34.47	6.59	27.88	
MWGS-31B	MW	03/02/95	1536	34.47	6.71	27.76	
MWGS-31B	MW	04/05/95	1139	34.47	7.47	27.00	
MWGS-31B	MW	05/02/95	1326	34.47	7.78	26.69	
MWGS-31B	MW	06/09/95	1135	34.47	7.65	26.82	
MWGS-31B	MW	07/06/95	1124	34.47	7.56	26.91	
MWGS-31B	MW	08/10/95	1246	34.47	7.54	26.93	
MWGS-31B	MW	09/13/95	1223	34.47	6.61	27.86	
MWGS-32A	MW	02/04/92	---	35.06	8.55	26.51	Pre-start-up water levels.
MWGS-32A	MW	02/20/92	1604	35.06	8.84	26.22	
MWGS-32A	MW	02/25/92	0936	35.06	8.67	26.39	
MWGS-32A	MW	06/11/92	1436	35.06	7.75	27.31	
MWGS-32A	MW	07/07/92	1620	35.06	8.32	26.74	
MWGS-32A	MW	08/07/92	1304	35.06	7.99	27.07	
MWGS-32A	MW	08/31/92	1144	35.06	6.83	28.23	
MWGS-32A	MW	10/07/92	1155	35.06	6.47	28.59	
MWGS-32A	MW	10/28/92	1310	35.06	7.51	27.55	
MWGS-32A	MW	12/03/92	1134	35.06	7.35	27.71	
MWGS-32A	MW	01/04/93	1135	35.06	8.18	26.88	
MWGS-32A	MW	02/04/93	1210	35.06	7.13	27.93	
MWGS-32A	MW	03/05/93	1138	35.06	7.53	27.53	
MWGS-32A	MW	03/30/93	1050	35.06	7.17	27.89	
MWGS-32A	MW	05/06/93	1117	35.06	7.85	27.21	
MWGS-32A	MW	05/28/93	1114	35.06	8.37	26.69	
MWGS-32A	MW	07/07/93	1103	35.06	8.07	26.99	
MWGS-32A	MW	08/06/93	1042	35.06	7.72	27.34	
MWGS-32A	MW	09/03/93	1057	35.06	8.02	27.04	
MWGS-32A	MW	09/30/93	1019	35.06	7.82	27.24	
MWGS-32A	MW	10/28/93	1052	35.06	8.65	26.41	
MWGS-32A	MW	12/01/93	1356	35.06	7.90	27.16	
MWGS-32A	MW	01/06/94	1105	35.06	7.20	27.86	
MWGS-32A	MW	02/01/94	1115	35.06	6.52	28.54	
MWGS-32A	MW	03/04/94	1043	35.06	6.79	28.27	
MWGS-32A	MW	04/04/94	1041	35.06	8.16	26.90	
MWGS-32A	MW	05/06/94	1132	35.06	8.77	26.29	
MWGS-32A	MW	06/03/94	1111	35.06	9.35	25.71	
MWGS-32A	MW	07/08/94	1121	35.06	6.15	28.91	
MWGS-32A	MW	08/05/94	1419	35.06	6.44	28.62	
MWGS-32A	MW	09/07/94	1230	35.06	6.68	28.38	
MWGS-32A	MW	10/06/94	1142	35.06	5.20	29.86	
MWGS-32A	MW	11/09/94	1310	35.06	6.68	28.38	
MWGS-32A	MW	12/06/94	1126	35.06	6.20	28.86	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-32A	MW	01/10/95	1331	35.06	6.70	28.36	
MWGS-32A	MW	02/02/95	1344	35.06	7.02	28.04	
MWGS-32A	MW	03/02/95	1516	35.06	7.10	27.96	
MWGS-32A	MW	04/05/95	1117	35.06	7.92	27.14	
MWGS-32A	MW	05/02/95	1301	35.06	8.30	26.76	
MWGS-32A	MW	06/09/95	1105	35.06	7.33	27.73	
MWGS-32A	MW	07/06/95	1057	35.06	8.01	27.05	
MWGS-32A	MW	08/10/95	1129	35.06	8.17	26.89	
MWGS-32A	MW	09/13/95	1029	35.06	6.97	28.09	
MWGS-32B	MW	02/04/92	---	35.02	8.50	26.52	Pre-start-up water levels.
MWGS-32B	MW	02/20/92	1602	35.02	8.79	26.23	
MWGS-32B	MW	02/25/92	0938	35.02	8.62	26.40	
MWGS-32B	MW	06/11/92	1435	35.02	7.71	27.31	
MWGS-32B	MW	07/07/92	1625	35.02	8.27	26.75	
MWGS-32B	MW	08/07/92	1305	35.02	7.93	27.09	
MWGS-32B	MW	08/31/92	1146	35.02	6.79	28.23	
MWGS-32B	MW	10/07/92	1158	35.02	6.46	28.56	
MWGS-32B	MW	10/28/92	1312	35.02	7.47	27.55	
MWGS-32B	MW	12/03/92	1136	35.02	7.30	27.72	
MWGS-32B	MW	01/04/93	1132	35.02	8.13	26.89	
MWGS-32B	MW	02/04/93	1214	35.02	7.08	27.94	
MWGS-32B	MW	03/05/93	1140	35.02	7.49	27.53	
MWGS-32B	MW	03/30/93	1051	35.02	7.13	27.89	
MWGS-32B	MW	05/06/93	1119	35.02	7.82	27.20	
MWGS-32B	MW	05/28/93	1115	35.02	8.32	26.70	
MWGS-32B	MW	07/07/93	1105	35.02	8.03	26.99	
MWGS-32B	MW	08/06/93	1045	35.02	7.69	27.33	
MWGS-32B	MW	09/03/93	1058	35.02	7.88	27.14	
MWGS-32B	MW	09/30/93	1021	35.02	7.78	27.24	
MWGS-32B	MW	10/28/93	1057	35.02	8.64	26.38	
MWGS-32B	MW	12/01/93	1358	35.02	8.00	27.02	
MWGS-32B	MW	01/06/94	1110	35.02	7.31	27.71	
MWGS-32B	MW	02/01/94	1109	35.02	6.60	28.42	
MWGS-32B	MW	03/04/94	1045	35.02	6.79	28.23	
MWGS-32B	MW	04/04/94	1043	35.02	8.12	26.90	
MWGS-32B	MW	05/06/94	1135	35.02	8.75	26.27	
MWGS-32B	MW	06/03/94	1106	35.02	9.32	25.70	
MWGS-32B	MW	07/08/94	1123	35.02	6.28	28.74	
MWGS-32B	MW	08/05/94	1420	35.02	6.51	28.51	
MWGS-32B	MW	09/07/94	1227	35.02	6.71	28.31	
MWGS-32B	MW	10/06/94	1144	35.02	5.30	29.72	
MWGS-32B	MW	11/09/94	1312	35.02	6.71	28.31	
MWGS-32B	MW	12/06/94	1128	35.02	6.40	28.62	
MWGS-32B	MW	01/10/95	1334	35.02	6.82	28.20	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-32B	MW	02/02/95	1346	35.02	7.06	27.96	
MWGS-32B	MW	03/02/95	1518	35.02	7.10	27.92	
MWGS-32B	MW	04/05/95	1125	35.02	7.91	27.11	
MWGS-32B	MW	05/02/95	1311	35.02	8.32	26.70	
MWGS-32B	MW	06/09/95	1111	35.02	8.10	26.92	
MWGS-32B	MW	07/06/95	1100	35.02	8.02	27.00	
MWGS-32B	MW	08/10/95	1132	35.02	8.16	26.86	
MWGS-32B	MW	09/13/95	1027	35.02	7.03	27.99	
MWGS-33A	MW	02/04/92	---	37.48	11.07	26.41	Pre-start-up water levels.
MWGS-33A	MW	02/25/92	0937	37.48	11.20	26.28	
MWGS-33A	MW	02/25/92	1529	37.48	11.57	25.91	
MWGS-33A	MW	06/11/92	1430	37.48	10.34	27.14	
MWGS-33A	MW	07/07/92	1648	37.48	10.88	26.60	
MWGS-33A	MW	08/07/92	1314	37.48	10.54	26.94	
MWGS-33A	MW	08/31/92	1141	37.48	9.45	28.03	
MWGS-33A	MW	10/07/92	1149	37.48	9.14	28.34	
MWGS-33A	MW	10/28/92	1304	37.48	10.10	27.38	
MWGS-33A	MW	12/03/92	1152	37.48	9.93	27.55	
MWGS-33A	MW	01/04/93	1120	37.48	10.73	26.75	
MWGS-33A	MW	02/04/93	1222	37.48	9.71	27.77	
MWGS-33A	MW	03/05/93	1131	37.48	10.09	27.39	
MWGS-33A	MW	03/30/93	1048	37.48	9.75	27.73	
MWGS-33A	MW	05/06/93	1114	37.48	10.43	27.05	
MWGS-33A	MW	05/28/93	1109	37.48	10.93	26.55	
MWGS-33A	MW	07/07/93	1059	37.48	10.65	26.83	
MWGS-33A	MW	08/06/93	1038	37.48	10.31	27.17	
MWGS-33A	MW	09/03/93	1105	37.48	10.62	26.86	
MWGS-33A	MW	09/30/93	1017	37.48	10.40	27.08	
MWGS-33A	MW	10/28/93	1102	37.48	11.34	26.14	
MWGS-33A	MW	12/01/93	1408	37.48	10.74	26.74	
MWGS-33A	MW	01/06/94	1100	37.48	9.96	27.52	
MWGS-33A	MW	02/01/94	1105	37.48	9.23	28.25	
MWGS-33A	MW	03/04/94	1038	37.48	9.45	28.03	
MWGS-33A	MW	04/04/94	1040	37.48	10.72	26.76	
MWGS-33A	MW	05/06/94	1122	37.48	11.36	26.12	
MWGS-33A	MW	06/03/94	1100	37.48	11.89	25.59	
MWGS-33A	MW	07/08/94	1115	37.48	8.99	28.49	
MWGS-33A	MW	08/05/94	1415	37.48	9.21	28.27	
MWGS-33A	MW	09/07/94	1236	37.48	9.39	28.09	
MWGS-33A	MW	10/06/94	1149	37.48	8.04	29.44	
MWGS-33A	MW	11/09/94	1305	37.48	9.37	28.11	
MWGS-33A	MW	12/06/94	1123	37.48	9.04	28.44	
MWGS-33A	MW	01/10/95	1337	37.48	9.47	28.01	
MWGS-33A	MW	02/02/95	1340	37.48	9.69	27.79	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-33A	MW	03/02/95	1510	37.48	9.73	27.75	
MWGS-33A	MW	04/05/95	1110	37.48	10.52	26.96	
MWGS-33A	MW	05/02/95	1257	37.48	10.94	26.54	
MWGS-33A	MW	06/09/95	1101	37.48	10.72	26.76	
MWGS-33A	MW	07/06/95	1053	37.48	10.64	26.84	
MWGS-33A	MW	08/10/95	1125	37.48	10.77	26.71	
MWGS-33A	MW	09/13/95	1020	37.48	9.68	27.80	
MWGS-33B	MW	02/04/92	---	37.09	10.68	26.41	Pre-start-up water levels.
MWGS-33B	MW	02/25/92	0934	37.09	10.82	26.27	
MWGS-33B	MW	02/25/92	1525	37.09	11.34	25.75	
MWGS-33B	MW	06/11/92	1432	37.09	9.96	27.13	
MWGS-33B	MW	07/07/92	1645	37.09	10.48	26.61	
MWGS-33B	MW	08/07/92	1316	37.09	10.13	26.96	
MWGS-33B	MW	08/31/92	1138	37.09	9.05	28.04	
MWGS-33B	MW	10/07/92	1150	37.09	8.73	28.36	
MWGS-33B	MW	10/28/92	1308	37.09	9.70	27.39	
MWGS-33B	MW	12/03/92	1154	37.09	9.53	27.56	
MWGS-33B	MW	01/04/93	1125	37.09	10.31	26.78	
MWGS-33B	MW	02/04/93	1226	37.09	9.30	27.79	
MWGS-33B	MW	03/05/93	1134	37.09	9.67	27.42	
MWGS-33B	MW	03/30/93	1046	37.09	9.34	27.75	
MWGS-33B	MW	05/06/93	1113	37.09	10.04	27.05	
MWGS-33B	MW	05/28/93	1112	37.09	10.53	26.56	
MWGS-33B	MW	07/07/93	1100	37.09	10.24	26.85	
MWGS-33B	MW	08/06/93	1035	37.09	9.92	27.17	
MWGS-33B	MW	09/03/93	1104	37.09	10.22	26.87	
MWGS-33B	MW	09/30/93	1016	37.09	10.01	27.08	
MWGS-33B	MW	10/28/93	1104	37.09	11.03	26.06	
MWGS-33B	MW	12/01/93	1405	37.09	10.41	26.68	
MWGS-33B	MW	01/06/94	1102	37.09	9.58	27.51	
MWGS-33B	MW	02/01/94	1106	37.09	8.90	28.19	
MWGS-33B	MW	03/04/94	1039	37.09	9.07	28.02	
MWGS-33B	MW	04/04/94	1036	37.09	10.33	26.76	
MWGS-33B	MW	05/06/94	1124	37.09	10.97	26.12	
MWGS-33B	MW	06/03/94	1104	37.09	11.50	25.59	
MWGS-33B	MW	07/08/94	1117	37.09	8.61	28.48	
MWGS-33B	MW	08/05/94	1417	37.09	8.79	28.30	
MWGS-33B	MW	09/07/94	1238	37.09	8.97	28.12	
MWGS-33B	MW	10/06/94	1152	37.09	7.62	29.47	
MWGS-33B	MW	11/09/94	1307	37.09	8.96	28.13	
MWGS-33B	MW	12/06/94	1124	37.09	8.64	28.45	
MWGS-33B	MW	01/10/95	1340	37.09	9.06	28.03	
MWGS-33B	MW	02/02/95	1342	37.09	9.29	27.80	
MWGS-33B	MW	03/02/95	1513	37.09	9.32	27.77	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-33B	MW	04/05/95	1112	37.09	10.12	26.97	
MWGS-33B	MW	05/02/95	1258	37.09	10.52	26.57	
MWGS-33B	MW	06/09/95	1103	37.09	10.30	26.79	
MWGS-33B	MW	07/06/95	1055	37.09	10.23	26.86	
MWGS-33B	MW	08/10/95	1127	37.09	10.36	26.73	
MWGS-33B	MW	09/13/95	1022	37.09	9.27	27.82	
MWGS-34A	MW	02/04/92	---	36.60	9.80	26.80	Pre-start-up water levels.
MWGS-34A	MW	02/25/92	0925	36.60	9.93	26.67	
MWGS-34A	MW	06/11/92	1439	36.60	9.45	27.15	
MWGS-34A	MW	07/07/92	1617	36.60	9.65	26.95	
MWGS-34A	MW	08/07/92	1319	36.60	9.48	27.12	
MWGS-34A	MW	08/31/92	1155	36.60	8.25	28.35	
MWGS-34A	MW	10/07/92	1206	36.60	8.07	28.53	
MWGS-34A	MW	10/28/92	1318	36.60	8.96	27.64	
MWGS-34A	MW	12/03/92	1203	36.60	8.70	27.90	
MWGS-34A	MW	01/04/93	1142	36.60	9.47	27.13	
MWGS-34A	MW	02/04/93	1240	36.60	8.47	28.13	
MWGS-34A	MW	03/05/93	1149	36.60	8.82	27.78	
MWGS-34A	MW	03/30/93	1110	36.60	8.43	28.17	
MWGS-34A	MW	05/06/93	1127	36.60	9.28	27.32	
MWGS-34A	MW	05/28/93	1124	36.60	9.70	26.90	
MWGS-34A	MW	07/07/93	1113	36.60	9.60	27.00	
MWGS-34A	MW	08/06/93	1051	36.60	9.26	27.34	
MWGS-34A	MW	09/03/93	1110	36.60	9.47	27.13	
MWGS-34A	MW	09/30/93	0952	36.60	9.27	27.33	
MWGS-34A	MW	10/28/93	1105	36.60	10.16	26.44	
MWGS-34A	MW	12/01/93	1419	36.60	9.70	26.90	
MWGS-34A	MW	01/06/94	1125	36.60	9.09	27.51	
MWGS-34A	MW	02/01/94	1124	36.60	8.34	28.26	
MWGS-34A	MW	03/04/94	1052	36.60	8.55	28.05	
MWGS-34A	MW	04/04/94	1051	36.60	9.74	26.86	
MWGS-34A	MW	05/06/94	1143	36.60	10.35	26.25	
MWGS-34A	MW	06/03/94	1135	36.60	10.85	25.75	
MWGS-34A	MW	07/08/94	1138	36.60	8.40	28.20	
MWGS-34A	MW	08/05/94	1425	36.60	8.42	28.18	
MWGS-34A	MW	09/07/94	1300	36.60	8.57	28.03	
MWGS-34A	MW	10/06/94	1211	36.60	6.99	29.61	
MWGS-34A	MW	11/09/94	1317	36.60	8.50	28.10	
MWGS-34A	MW	12/06/94	1136	36.60	8.35	28.25	
MWGS-34A	MW	01/10/95	1346	36.60	8.68	27.92	
MWGS-34A	MW	02/02/95	1355	36.60	8.81	27.79	
MWGS-34A	MW	03/02/95	1525	36.60	8.80	27.80	
MWGS-34A	MW	04/05/95	1135	36.60	9.55	27.05	
MWGS-34A	MW	05/02/95	1318	36.60	9.94	26.66	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-34A	MW	06/09/95	1118	36.60	9.79	26.81	
MWGS-34A	MW	07/06/95	1105	36.60	9.68	26.92	
MWGS-34A	MW	08/10/95	1251	36.60	9.73	26.87	
MWGS-34A	MW	09/13/95	1204	36.60	8.74	27.86	
MWGS-34B	MW	02/04/92	---	36.56	9.77	26.79	Pre-start-up water levels.
MWGS-34B	MW	02/25/92	0927	36.56	9.94	26.62	
MWGS-34B	MW	06/11/92	1441	36.56	9.41	27.15	
MWGS-34B	MW	07/07/92	1615	36.56	9.62	26.94	
MWGS-34B	MW	08/07/92	1321	36.56	9.46	27.10	
MWGS-34B	MW	08/31/92	1158	36.56	8.24	28.32	
MWGS-34B	MW	10/07/92	1210	36.56	8.06	28.50	
MWGS-34B	MW	10/28/92	1320	36.56	8.95	27.61	
MWGS-34B	MW	12/03/92	1201	36.56	8.69	27.87	
MWGS-34B	MW	01/04/93	1140	36.56	9.45	27.11	
MWGS-34B	MW	02/04/93	1242	36.56	8.46	28.10	
MWGS-34B	MW	03/05/93	1152	36.56	8.80	27.76	
MWGS-34B	MW	03/30/93	1112	36.56	8.40	28.16	
MWGS-34B	MW	05/06/93	1129	36.56	9.27	27.29	
MWGS-34B	MW	05/28/93	1125	36.56	9.68	26.88	
MWGS-34B	MW	07/07/93	1114	36.56	9.58	26.98	
MWGS-34B	MW	08/06/93	1054	36.56	9.25	27.31	
MWGS-34B	MW	09/03/93	1112	36.56	9.46	27.10	
MWGS-34B	MW	09/30/93	0948	36.56	9.26	27.30	
MWGS-34B	MW	10/28/93	1109	36.56	10.23	26.33	
MWGS-34B	MW	12/01/93	1417	36.56	9.76	26.80	
MWGS-34B	MW	01/06/94	1128	36.56	9.07	27.49	
MWGS-34B	MW	02/01/94	1127	36.56	8.35	28.21	
MWGS-34B	MW	03/04/94	1054	36.56	8.60	27.96	
MWGS-34B	MW	04/04/94	1053	36.56	9.86	26.70	
MWGS-34B	MW	05/06/94	1144	36.56	10.43	26.13	
MWGS-34B	MW	06/03/94	1137	36.56	10.90	25.66	
MWGS-34B	MW	07/08/94	1140	36.56	8.47	28.09	
MWGS-34B	MW	08/05/94	1427	36.56	8.52	28.04	
MWGS-34B	MW	09/07/94	1302	36.56	8.69	27.87	
MWGS-34B	MW	10/06/94	1212	36.56	7.03	29.53	
MWGS-34B	MW	11/09/94	1320	36.56	8.59	27.97	
MWGS-34B	MW	12/06/94	1140	36.56	8.48	28.08	
MWGS-34B	MW	01/10/95	1348	36.56	8.78	27.78	
MWGS-34B	MW	02/02/95	1356	36.56	8.91	27.65	
MWGS-34B	MW	03/02/95	1526	36.56	8.92	27.64	
MWGS-34B	MW	04/05/95	1136	36.56	9.65	26.91	
MWGS-34B	MW	05/02/95	1320	36.56	10.01	26.55	
MWGS-34B	MW	06/09/95	1120	36.56	9.85	26.71	
MWGS-34B	MW	07/06/95	1107	36.56	9.74	26.82	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-34B	MW	08/10/95	1255	36.56	9.71	26.85	
MWGS-34B	MW	09/13/95	1205	36.56	8.88	27.68	
MWGS-35	MW	05/14/92	1005	37.04	15.41	21.63	
MWGS-35	MW	06/11/92	1105	37.04	16.02	21.02	
MWGS-35	MW	07/07/92	1815	37.04	15.06	21.98	
MWGS-35	MW	08/07/92	0949	37.04	15.47	21.57	Petroleum odor.
MWGS-35	MW	08/31/92	1031	37.04	12.60	24.44	
MWGS-35	MW	10/07/92	1038	37.04	12.49	24.55	
MWGS-35	MW	10/28/92	1107	37.04	13.08	23.96	
MWGS-35	MW	12/03/92	0956	37.04	13.25	23.79	
MWGS-35	MW	01/04/93	1225	37.04	14.12	22.92	
MWGS-35	MW	02/04/93	1036	37.04	12.38	24.66	
MWGS-35	MW	03/05/93	1019	37.04	13.12	23.92	
MWGS-35	MW	03/30/93	0934	37.04	14.27	22.77	
MWGS-35	MW	05/06/93	1004	37.04	14.68	22.36	
MWGS-35	MW	05/28/93	1007	37.04	15.40	21.64	
MWGS-35	MW	07/07/93	0956	37.04	15.38	21.66	
MWGS-35	MW	08/06/93	0947	37.04	15.74	21.30	
MWGS-35	MW	09/03/93	1006	37.04	15.25	21.79	
MWGS-35	MW	09/30/93	1131	37.04	14.95	22.09	
MWGS-35	MW	10/28/93	0955	37.04	15.89	21.15	
MWGS-35	MW	12/01/93	0958	37.04	15.95	21.09	
MWGS-35	MW	01/06/94	1010	37.04	16.27	20.77	
MWGS-35	MW	02/01/94	0958	37.04	15.17	21.87	
MWGS-35	MW	03/04/94	0954	37.04	14.74	22.30	
MWGS-35	MW	04/04/94	0945	37.04	14.98	22.06	
MWGS-35	MW	05/06/94	1036	37.04	15.99	21.05	
MWGS-35	MW	06/03/94	1005	37.04	16.67	20.37	
MWGS-35	MW	07/08/94	1007	37.04	15.49	21.55	
MWGS-35	MW	08/05/94	1305	37.04	13.60	23.44	
MWGS-35	MW	09/07/94	1015	37.04	---	---	0.01 ft of free product in well.
MWGS-35	MW	10/06/94	1033	37.04	10.84	26.20	
MWGS-35	MW	11/09/94	1212	37.04	12.32	24.72	
MWGS-35	MW	12/06/94	1014	37.04	13.35	23.69	
MWGS-35	MW	01/10/95	1212	37.04	13.26	23.78	
MWGS-35	MW	02/02/95	1253	37.04	13.07	23.97	
MWGS-35	MW	03/02/95	1411	37.04	13.19	23.85	
MWGS-35	MW	04/05/95	1010	37.04	14.09	22.95	
MWGS-35	MW	05/02/95	1110	37.04	14.72	22.32	
MWGS-35	MW	06/09/95	1012	37.04	15.63	21.41	
MWGS-35	MW	07/06/95	1002	37.04	15.46	21.58	
MWGS-35	MW	08/10/95	1040	37.04	14.94	22.10	
MWGS-35	MW	09/13/95	---	37.04	---	---	Free product present in well.

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-36	MW	05/14/92	1007	37.02	14.85	22.17	
MWGS-36	MW	06/11/92	1110	37.02	15.44	21.58	
MWGS-36	MW	07/07/92	1810	37.02	14.43	22.59	
MWGS-36	MW	08/07/92	0947	37.02	14.84	22.18	
MWGS-36	MW	08/31/92	1030	37.02	12.00	25.02	
MWGS-36	MW	10/07/92	1033	37.02	11.86	25.16	
MWGS-36	MW	10/28/92	1103	37.02	12.43	24.59	
MWGS-36	MW	12/03/92	0951	37.02	12.59	24.43	
MWGS-36	MW	01/04/93	1006	37.02	13.55	23.47	
MWGS-36	MW	02/04/93	1032	37.02	11.65	25.37	
MWGS-36	MW	03/05/93	1017	37.02	12.45	24.57	
MWGS-36	MW	03/30/93	0931	37.02	13.33	23.69	
MWGS-36	MW	05/06/93	1002	37.02	13.85	23.17	
MWGS-36	MW	05/28/93	1005	37.02	14.60	22.42	
MWGS-36	MW	07/07/93	0953	37.02	14.83	22.19	
MWGS-36	MW	08/06/93	0943	37.02	15.20	21.82	
MWGS-36	MW	09/03/93	1004	37.02	14.61	22.41	
MWGS-36	MW	09/30/93	1134	37.02	14.33	22.69	
MWGS-36	MW	10/28/93	0951	37.02	15.29	21.73	
MWGS-36	MW	12/01/93	0955	37.02	15.40	21.62	
MWGS-36	MW	01/06/94	1007	37.02	15.78	21.24	
MWGS-36	MW	02/01/94	0954	37.02	14.68	22.34	
MWGS-36	MW	03/04/94	0948	37.02	14.21	22.81	
MWGS-36	MW	04/04/94	0942	37.02	14.42	22.60	
MWGS-36	MW	05/06/94	1033	37.02	15.46	21.56	
MWGS-36	MW	06/03/94	1002	37.02	16.18	20.84	
MWGS-36	MW	07/08/94	1005	37.02	15.05	21.97	
MWGS-36	MW	08/05/94	1302	37.02	13.06	23.96	
MWGS-36	MW	09/07/94	1010	37.02	12.61	24.41	
MWGS-36	MW	10/06/94	1028	37.02	10.03	26.99	
MWGS-36	MW	11/09/94	1210	37.02	---	---	Free product present in well.
MWGS-36	MW	12/06/94	1010	37.02	---	---	Free product present in well.
MWGS-36	MW	01/10/95	1210	37.02	12.56	24.46	
MWGS-36	MW	02/02/95	1255	37.02	12.37	24.65	
MWGS-36	MW	03/02/95	---	37.02	---	---	Sheen on water surface; petroleum odor.
MWGS-36	MW	04/05/95	1006	37.02	---	---	Free product present in well.
MWGS-36	MW	05/02/95	1107	37.02	14.18	22.84	
MWGS-36	MW	06/09/95	1009	37.02	---	---	Free product present in well.
MWGS-36	MW	07/06/95	---	37.02	---	---	Free product present in well.
MWGS-36	MW	08/10/95	---	37.02	---	---	Free product present in well.
MWGS-36	MW	09/13/95	---	37.02	---	---	Free product present in well.
MWGS-37	MW	05/14/92	1000	37.00	16.55	20.45	
MWGS-37	MW	06/11/92	1113	37.00	17.42	19.58	
MWGS-37	MW	07/07/92	1820	37.00	16.40	20.60	



**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-37	MW	08/07/92	0952	37.00	16.92	20.08	
MWGS-37	MW	08/31/92	1034	37.00	13.73	23.27	
MWGS-37	MW	10/07/92	1041	37.00	13.34	23.66	
MWGS-37	MW	10/28/92	1115	37.00	14.14	22.86	
MWGS-37	MW	12/03/92	1007	37.00	14.25	22.75	
MWGS-37	MW	01/04/93	1231	37.00	15.33	21.67	
MWGS-37	MW	02/04/93	1040	37.00	13.30	23.70	
MWGS-37	MW	03/05/93	1025	37.00	14.17	22.83	
MWGS-37	MW	03/30/93	0940	37.00	15.38	21.62	
MWGS-37	MW	05/06/93	1006	37.00	15.83	21.17	
MWGS-37	MW	05/28/93	1009	37.00	16.60	20.40	
MWGS-37	MW	07/07/93	0958	37.00	16.46	20.54	
MWGS-37	MW	08/06/93	0950	37.00	16.86	20.14	
MWGS-37	MW	09/03/93	1009	37.00	16.39	20.61	
MWGS-37	MW	09/30/93	1129	37.00	16.05	20.95	
MWGS-37	MW	10/28/93	0958	37.00	17.42	19.58	
MWGS-37	MW	12/01/93	1001	37.00	17.20	19.80	
MWGS-37	MW	01/06/94	1014	37.00	17.80	19.20	
MWGS-37	MW	02/01/94	1008	37.00	16.05	20.95	
MWGS-37	MW	03/04/94	0956	37.00	15.83	21.17	
MWGS-37	MW	04/04/94	0948	37.00	16.05	20.95	
MWGS-37	MW	05/06/94	1038	37.00	17.53	19.47	
MWGS-37	MW	06/03/94	1008	37.00	18.26	18.74	
MWGS-37	MW	07/08/94	1010	37.00	15.37	21.63	
MWGS-37	MW	08/05/94	1300	37.00	14.67	22.33	
MWGS-37	MW	09/07/94	1020	37.00	14.45	22.55	
MWGS-37	MW	10/06/94	1036	37.00	10.60	26.40	
MWGS-37	MW	11/09/94	1215	37.00	13.16	23.84	
MWGS-37	MW	12/06/94	1016	37.00	14.52	22.48	
MWGS-37	MW	01/10/95	1215	37.00	14.17	22.83	
MWGS-37	MW	02/02/95	1300	37.00	13.92	23.08	
MWGS-37	MW	03/02/95	1415	37.00	14.15	22.85	
MWGS-37	MW	04/05/95	1014	37.00	15.24	21.76	
MWGS-37	MW	05/02/95	1112	37.00	15.92	21.08	
MWGS-37	MW	06/09/95	1015	37.00	16.97	20.03	
MWGS-37	MW	07/06/95	1006	37.00	15.83	21.17	
MWGS-37	MW	08/10/95	1045	37.00	15.73	21.27	
MWGS-37	MW	09/13/95	1123	37.00	13.50	23.50	
MWGS-38	MW	05/14/92	0958	34.82	15.30	19.52	
MWGS-38	MW	06/11/92	1120	34.82	16.25	18.57	
MWGS-38	MW	07/07/92	1857	34.82	15.29	19.53	
MWGS-38	MW	08/07/92	0958	34.82	15.91	18.91	
MWGS-38	MW	08/31/92	1038	34.82	12.95	21.87	
MWGS-38	MW	10/07/92	1045	34.82	12.52	22.30	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-38	MW	10/28/92	1120	34.82	13.19	21.63	
MWGS-38	MW	12/03/92	1016	34.82	13.27	21.55	
MWGS-38	MW	01/04/93	1228	34.82	14.22	20.60	
MWGS-38	MW	02/04/93	1048	34.82	12.30	22.52	
MWGS-38	MW	03/05/93	1031	34.82	13.12	21.70	
MWGS-38	MW	03/30/93	0942	34.82	14.44	20.38	
MWGS-38	MW	05/06/93	1008	34.82	14.54	20.28	
MWGS-38	MW	05/28/93	1012	34.82	15.27	19.55	
MWGS-38	MW	07/07/93	1001	34.82	15.40	19.42	
MWGS-38	MW	08/06/93	0953	34.82	16.00	18.82	
MWGS-38	MW	09/03/93	1013	34.82	15.80	19.02	
MWGS-38	MW	09/30/93	1126	34.82	15.55	19.27	
MWGS-38	MW	10/28/93	1001	34.82	16.40	18.42	
MWGS-38	MW	12/01/93	1004	34.82	16.46	18.36	
MWGS-38	MW	01/06/94	1018	34.82	16.60	18.22	
MWGS-38	MW	02/01/94	1014	34.82	15.45	19.37	
MWGS-38	MW	03/04/94	1000	34.82	14.92	19.90	
MWGS-38	MW	04/04/94	0951	34.82	15.43	19.39	
MWGS-38	MW	05/06/94	1040	34.82	16.47	18.35	
MWGS-38	MW	06/03/94	1010	34.82	17.15	17.67	
MWGS-38	MW	07/08/94	1014	34.82	15.77	19.05	
MWGS-38	MW	08/05/94	1309	34.82	14.11	20.71	
MWGS-38	MW	09/07/94	1025	34.82	13.75	21.07	
MWGS-38	MW	10/06/94	1039	34.82	11.14	23.68	
MWGS-38	MW	11/09/94	1225	34.82	12.55	22.27	
MWGS-38	MW	12/06/94	1028	34.82	13.61	21.21	
MWGS-38	MW	01/10/95	1219	34.82	13.42	21.40	
MWGS-38	MW	02/02/95	1305	34.82	13.23	21.59	
MWGS-38	MW	03/02/95	1419	34.82	13.36	21.46	
MWGS-38	MW	04/05/95	1016	34.82	14.27	20.55	
MWGS-38	MW	05/02/95	1115	34.82	14.94	19.88	
MWGS-38	MW	06/09/95	1018	34.82	15.78	19.04	
MWGS-38	MW	07/06/95	1010	34.82	15.66	19.16	
MWGS-38	MW	08/10/95	1047	34.82	15.32	19.50	
MWGS-38	MW	09/13/95	1126	34.82	13.07	21.75	
MWGS-39	MW	05/01/92	1531	38.30	17.05	21.25	
MWGS-39	MW	05/01/92	1030	38.30	17.09	21.21	
MWGS-39	MW	05/14/92	1203	38.30	17.31	20.99	
MWGS-39	MW	06/11/92	1403	38.30	17.53	20.77	
MWGS-39	MW	07/07/92	1717	38.30	16.76	21.54	
MWGS-39	MW	08/07/92	1244	38.30	17.25	21.05	
MWGS-39	MW	08/31/92	1125	38.30	14.93	23.37	
MWGS-39	MW	10/07/92	1132	38.30	15.20	23.10	
MWGS-39	MW	10/28/92	1250	38.30	15.52	22.78	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-39	MW	12/03/92	1111	38.30	15.72	22.58	
MWGS-39	MW	01/04/93	1057	38.30	16.49	21.81	
MWGS-39	MW	02/04/93	1149	38.30	15.23	23.07	
MWGS-39	MW	03/05/93	1111	38.30	15.74	22.56	
MWGS-39	MW	03/30/93	1032	38.30	16.31	21.99	
MWGS-39	MW	05/06/93	1057	38.30	16.70	21.60	
MWGS-39	MW	05/28/93	1051	38.30	17.25	21.05	
MWGS-39	MW	07/07/93	1042	38.30	17.28	21.02	
MWGS-39	MW	08/06/93	1022	38.30	17.37	20.93	
MWGS-39	MW	09/03/93	1042	38.30	16.85	21.45	
MWGS-39	MW	09/30/93	1048	38.30	16.68	21.62	
MWGS-39	MW	10/28/93	1038	38.30	17.41	20.89	
MWGS-39	MW	12/01/93	1337	38.30	17.35	20.95	
MWGS-39	MW	01/06/94	1046	38.30	17.60	20.70	
MWGS-39	MW	02/01/94	1046	38.30	16.83	21.47	
MWGS-39	MW	03/04/94	1027	38.30	16.56	21.74	
MWGS-39	MW	04/04/94	1022	38.30	16.82	21.48	
MWGS-39	MW	05/06/94	1107	38.30	17.60	20.70	
MWGS-39	MW	06/03/94	1046	38.30	18.08	20.22	
MWGS-39	MW	07/08/94	1059	38.30	16.70	21.60	
MWGS-39	MW	08/05/94	1400	38.30	15.54	22.76	
MWGS-39	MW	09/07/94	1115	38.30	15.24	23.06	
MWGS-39	MW	10/06/94	1123	38.30	13.40	24.90	
MWGS-39	MW	11/09/94	1253	38.30	14.90	23.40	
MWGS-39	MW	12/06/94	1109	38.30	15.51	22.79	
MWGS-39	MW	01/10/95	1312	38.30	15.56	22.74	
MWGS-39	MW	02/02/95	1330	38.30	15.58	22.72	
MWGS-39	MW	03/02/95	1457	38.30	15.67	22.63	
MWGS-39	MW	04/05/95	1055	38.30	16.31	21.99	
MWGS-39	MW	05/02/95	1244	38.30	16.77	21.53	
MWGS-39	MW	06/09/95	1046	38.30	17.30	21.00	
MWGS-39	MW	07/06/95	1039	38.30	17.10	21.20	
MWGS-39	MW	08/10/95	1110	38.30	16.57	21.73	
MWGS-39	MW	09/13/95	1150	38.30	15.02	23.28	
MWGS-40A	MW	07/07/92	1605	34.65	7.56	27.09	
MWGS-40A	MW	08/07/92	1326	34.65	7.41	27.24	
MWGS-40A	MW	08/31/92	1205	34.65	6.13	28.52	
MWGS-40A	MW	10/07/92	1213	34.65	5.97	28.68	
MWGS-40A	MW	10/28/92	1325	34.65	6.85	27.80	
MWGS-40A	MW	12/03/92	1209	34.65	6.60	28.05	
MWGS-40A	MW	01/04/93	1146	34.65	7.38	27.27	
MWGS-40A	MW	02/04/93	1235	34.65	6.37	28.28	
MWGS-40A	MW	03/05/93	1159	34.65	6.74	27.91	
MWGS-40A	MW	03/30/93	1118	34.65	6.33	28.32	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-40A	MW	05/06/93	1135	34.65	7.20	27.45	
MWGS-40A	MW	05/28/93	1130	34.65	7.60	27.05	
MWGS-40A	MW	07/07/93	1119	34.65	7.50	27.15	
MWGS-40A	MW	08/06/93	1059	34.65	7.18	27.47	
MWGS-40A	MW	09/03/93	1117	34.65	7.36	27.29	
MWGS-40A	MW	09/30/93	1000	34.65	7.15	27.50	
MWGS-40A	MW	10/28/93	1115	34.65	8.00	26.65	
MWGS-40A	MW	12/01/93	1413	34.65	7.59	27.06	
MWGS-40A	MW	01/06/94	1135	34.65	7.02	27.63	
MWGS-40A	MW	02/01/94	1129	34.65	6.27	28.38	
MWGS-40A	MW	03/04/94	1059	34.65	6.43	28.22	
MWGS-40A	MW	04/04/94	1058	34.65	7.55	27.10	
MWGS-40A	MW	05/06/94	1152	34.65	8.18	26.47	
MWGS-40A	MW	06/03/94	1130	34.65	8.66	25.99	
MWGS-40A	MW	07/08/94	1150	34.65	6.23	28.42	
MWGS-40A	MW	08/05/94	1430	34.65	6.22	28.43	
MWGS-40A	MW	09/07/94	1250	34.65	6.42	28.23	
MWGS-40A	MW	10/06/94	1206	34.65	4.76	29.89	
MWGS-40A	MW	11/09/94	1324	34.65	6.31	28.34	
MWGS-40A	MW	12/06/94	1144	34.65	6.18	28.47	
MWGS-40A	MW	01/10/95	1622	34.65	6.48	28.17	
MWGS-40A	MW	02/02/95	1359	34.65	6.61	28.04	
MWGS-40A	MW	03/02/95	1532	34.65	6.60	28.05	
MWGS-40A	MW	04/05/95	1141	34.65	7.37	27.28	
MWGS-40A	MW	05/02/95	1328	34.65	7.77	26.88	
MWGS-40A	MW	06/09/95	1126	34.65	7.64	27.01	
MWGS-40A	MW	07/06/95	1112	34.65	7.50	27.15	
MWGS-40A	MW	08/10/95	1248	34.65	7.61	27.04	
MWGS-40A	MW	09/13/95	1209	34.65	6.51	28.14	
MWGS-40B	MW	07/07/92	1610	34.61	7.49	27.12	
MWGS-40B	MW	08/07/92	1328	34.61	7.36	27.25	
MWGS-40B	MW	08/31/92	1208	34.61	6.10	28.51	
MWGS-40B	MW	10/07/92	1214	34.61	5.94	28.67	
MWGS-40B	MW	10/28/92	1327	34.61	6.81	27.80	
MWGS-40B	MW	12/03/92	1212	34.61	6.57	28.04	
MWGS-40B	MW	01/04/93	1145	34.61	7.34	27.27	
MWGS-40B	MW	02/04/93	1237	34.61	6.34	28.27	
MWGS-40B	MW	03/05/93	1200	34.61	6.71	27.90	
MWGS-40B	MW	03/30/93	1120	34.61	6.30	28.31	
MWGS-40B	MW	05/06/93	1137	34.61	7.15	27.46	
MWGS-40B	MW	05/28/93	1131	34.61	7.57	27.04	
MWGS-40B	MW	07/07/93	1120	34.61	7.47	27.14	
MWGS-40B	MW	08/06/93	1101	34.61	7.15	27.46	
MWGS-40B	MW	09/03/93	1119	34.61	7.33	27.28	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-40B	MW	09/30/93	1011	34.61	7.12	27.49	
MWGS-40B	MW	10/28/93	1116	34.61	7.95	26.66	
MWGS-40B	MW	12/01/93	1414	34.61	7.55	27.06	
MWGS-40B	MW	01/06/94	1138	34.61	6.98	27.63	
MWGS-40B	MW	02/01/94	1130	34.61	6.23	28.38	
MWGS-40B	MW	03/04/94	1100	34.61	6.40	28.21	
MWGS-40B	MW	04/04/94	1059	34.61	7.50	27.11	
MWGS-40B	MW	05/06/94	1155	34.61	8.14	26.47	
MWGS-40B	MW	06/03/94	1133	34.61	8.61	26.00	
MWGS-40B	MW	07/08/94	1151	34.61	6.20	28.41	
MWGS-40B	MW	08/05/94	1435	34.61	6.21	28.40	
MWGS-40B	MW	09/07/94	1252	34.61	6.40	28.21	
MWGS-40B	MW	10/06/94	1207	34.61	4.74	29.87	
MWGS-40B	MW	11/09/94	1325	34.61	6.27	28.34	
MWGS-40B	MW	12/06/94	1156	34.61	6.13	28.48	
MWGS-40B	MW	01/10/95	1623	34.61	6.45	28.16	
MWGS-40B	MW	02/02/95	1401	34.61	6.56	28.05	
MWGS-40B	MW	03/02/95	1534	34.61	6.56	28.05	
MWGS-40B	MW	04/05/95	1142	34.61	7.32	27.29	
MWGS-40B	MW	05/02/95	1329	34.61	7.72	26.89	
MWGS-40B	MW	06/09/95	1127	34.61	7.59	27.02	
MWGS-40B	MW	07/06/95	1114	34.61	7.47	27.14	
MWGS-40B	MW	08/10/95	1250	34.61	7.55	27.06	
MWGS-40B	MW	09/13/95	1210	34.61	6.46	28.15	
MWGS-41A	MW	07/07/92	1635	34.95	8.08	26.87	
MWGS-41A	MW	08/07/92	1308	34.95	7.84	27.11	
MWGS-41A	MW	08/31/92	1150	34.95	6.64	28.31	
MWGS-41A	MW	10/07/92	1200	34.95	6.30	28.65	
MWGS-41A	MW	10/28/92	1313	34.95	7.34	27.61	
MWGS-41A	MW	12/03/92	1140	34.95	7.16	27.79	
MWGS-41A	MW	01/04/93	1130	34.95	7.99	26.96	
MWGS-41A	MW	02/04/93	1218	34.95	6.91	28.04	
MWGS-41A	MW	03/05/93	1143	34.95	7.34	27.61	
MWGS-41A	MW	03/30/93	1052	34.95	6.95	28.00	
MWGS-41A	MW	05/06/93	1121	34.95	7.70	27.25	
MWGS-41A	MW	05/28/93	1118	34.95	8.20	26.75	
MWGS-41A	MW	07/07/93	1106	34.95	7.93	27.02	
MWGS-41A	MW	08/06/93	1047	34.95	7.59	27.36	
MWGS-41A	MW	09/03/93	1059	34.95	7.86	27.09	
MWGS-41A	MW	09/30/93	1024	34.95	7.66	27.29	
MWGS-41A	MW	10/28/93	1059	34.95	8.51	26.44	
MWGS-41A	MW	12/01/93	1400	34.95	7.89	27.06	
MWGS-41A	MW	01/06/94	1113	34.95	7.22	27.73	
MWGS-41A	MW	02/01/94	1118	34.95	6.46	28.49	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-41A	MW	03/04/94	1047	34.95	6.68	28.27	
MWGS-41A	MW	04/04/94	1045	34.95	8.00	26.95	
MWGS-41A	MW	05/06/94	1137	34.95	8.65	26.30	
MWGS-41A	MW	06/03/94	1116	34.95	9.20	25.75	
MWGS-41A	MW	07/08/94	1125	34.95	6.13	28.82	
MWGS-41A	MW	08/05/94	1421	34.95	6.37	28.58	
MWGS-41A	MW	09/07/94	1232	34.95	6.59	28.36	
MWGS-41A	MW	10/06/94	1145	34.95	5.05	29.90	
MWGS-41A	MW	11/09/94	1314	34.95	6.59	28.36	
MWGS-41A	MW	12/06/94	1129	34.95	6.24	28.71	
MWGS-41A	MW	01/10/95	1335	34.95	6.70	28.25	
MWGS-41A	MW	02/02/95	1348	34.95	6.94	28.01	
MWGS-41A	MW	03/02/95	1519	34.95	6.96	27.99	
MWGS-41A	MW	04/05/95	1127	34.95	7.78	27.17	
MWGS-41A	MW	05/02/95	1314	34.95	8.23	26.72	
MWGS-41A	MW	06/09/95	1113	34.95	7.99	26.96	
MWGS-41A	MW	07/06/95	1102	34.95	7.90	27.05	
MWGS-41A	MW	08/10/95	1134	34.95	8.04	26.91	
MWGS-41A	MW	09/13/95	1026	34.95	6.88	28.07	
MWGS-41B	MW	07/07/92	1638	34.65	7.79	26.86	
MWGS-41B	MW	08/07/92	1311	34.65	7.50	27.15	
MWGS-41B	MW	08/31/92	1214	34.65	6.30	28.35	
MWGS-41B	MW	10/07/92	1201	34.65	5.99	28.66	
MWGS-41B	MW	10/28/92	1314	34.65	7.00	27.65	
MWGS-41B	MW	12/03/92	1145	34.65	6.83	27.82	
MWGS-41B	MW	01/04/93	1127	34.65	7.66	26.99	
MWGS-41B	MW	02/04/93	1220	34.65	6.58	28.07	
MWGS-41B	MW	03/05/93	1145	34.65	6.99	27.66	
MWGS-41B	MW	03/30/93	1053	34.65	6.61	28.04	
MWGS-41B	MW	05/06/93	1123	34.65	7.36	27.29	
MWGS-41B	MW	05/28/93	1120	34.65	7.83	26.82	
MWGS-41B	MW	07/07/93	1108	34.65	7.60	27.05	
MWGS-41B	MW	08/06/93	1048	34.65	7.25	27.40	
MWGS-41B	MW	09/03/93	1101	34.65	7.53	27.12	
MWGS-41B	MW	09/30/93	1025	34.65	7.32	27.33	
MWGS-41B	MW	10/28/93	1100	34.65	8.19	26.46	
MWGS-41B	MW	12/01/93	1404	34.65	7.61	27.04	
MWGS-41B	MW	01/06/94	1118	34.65	6.92	27.73	
MWGS-41B	MW	02/01/94	1111	34.65	6.15	28.50	
MWGS-41B	MW	03/04/94	1049	34.65	6.36	28.29	
MWGS-41B	MW	04/04/94	1046	34.65	7.67	26.98	
MWGS-41B	MW	05/06/94	1139	34.65	8.33	26.32	
MWGS-41B	MW	06/03/94	1109	34.65	8.87	25.78	
MWGS-41B	MW	07/08/94	1126	34.65	5.86	28.79	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
MWGS-41B	MW	08/05/94	1423	34.65	6.06	28.59	
MWGS-41B	MW	09/07/94	1235	34.65	6.27	28.38	
MWGS-41B	MW	10/06/94	1147	34.65	4.76	29.89	
MWGS-41B	MW	11/09/94	1316	34.65	6.26	28.39	
MWGS-41B	MW	12/06/94	1132	34.65	5.98	28.67	
MWGS-41B	MW	01/10/95	1336	34.65	6.39	28.26	
MWGS-41B	MW	02/02/95	1350	34.65	6.60	28.05	
MWGS-41B	MW	03/02/95	1522	34.65	6.63	28.02	
MWGS-41B	MW	04/05/95	1130	34.65	7.45	27.20	
MWGS-41B	MW	05/02/95	1315	34.65	7.89	26.76	
MWGS-41B	MW	06/09/95	1115	34.65	7.67	26.98	
MWGS-41B	MW	07/06/95	1103	34.65	7.59	27.06	
MWGS-41B	MW	08/10/95	1137	34.65	7.71	26.94	
MWGS-41B	MW	09/13/95	1024	34.65	6.55	28.10	
NWS-12-1	WL	04/30/91	1430	23.59	11.71	11.88	
NWS-12-1	WL	05/28/91	1329	23.59	12.05	11.54	
NWS-12-1	WL	07/01/91	---	23.59	12.44	11.15	
NWS-12-1	WL	08/06/91	---	23.59	10.68	12.91	
NWS-12-1	WL	08/30/91	---	23.59	10.69	12.90	
NWS-12-1	WL	09/27/91	---	23.59	11.47	12.12	
NWS-12-1	WL	10/29/91	---	23.59	12.49	11.10	
NWS-12-1	WL	12/02/91	---	23.59	13.46	10.13	
NWS-12-1	WL	01/02/92	---	23.59	14.32	9.27	
NWS-12-1	WL	02/04/92	---	23.59	14.52	9.07	
NWS-12-1	WL	03/06/92	---	23.59	14.65	8.94	
NWS-12-1	WL	03/31/92	---	23.59	14.67	8.92	
NWS-12-1	WL	05/01/92	1455	23.59	14.56	9.03	
NWS-12-1	WL	06/11/92	1605	23.59	14.29	9.30	
NWS-12-1	WL	07/07/92	1355	23.59	13.67	9.92	
NWS-12-1	WL	08/31/92	1449	23.59	10.62	12.97	
NWS-12-1	WL	10/07/92	1350	23.59	10.23	13.36	
NWS-12-1	WL	10/28/92	1445	23.59	10.48	13.11	
NWS-12-1	WL	12/03/92	1508	23.59	10.00	13.59	
NWS-12-1	WL	01/04/93	1432	23.59	10.76	12.83	
NWS-12-1	WL	02/04/93	1555	23.59	8.40	15.19	
NWS-12-1	WL	03/05/93	1451	23.59	8.80	14.79	
NWS-12-1	WL	03/30/93	1406	23.59	8.75	14.84	
NWS-12-1	WL	05/06/93	1408	23.59	9.24	14.35	
NWS-12-1	WL	05/28/93	1355	23.59	10.00	13.59	
NWS-12-1	WL	07/07/93	1435	23.59	11.22	12.37	
NWS-12-2	WL	04/30/91	1450	23.78	11.32	12.46	
NWS-12-2	WL	05/28/91	1335	23.78	11.76	12.02	
NWS-12-2	WL	07/01/91	---	23.78	12.20	11.58	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
NWS-12-2	WL	08/06/91	---	23.78	10.93	12.85	
NWS-12-2	WL	08/30/91	---	23.78	10.61	13.17	
NWS-12-2	WL	09/27/91	---	23.78	11.08	12.70	
NWS-12-2	WL	10/29/91	---	23.78	11.96	11.82	
NWS-12-2	WL	12/02/91	---	23.78	12.90	10.88	
NWS-12-2	WL	01/02/92	---	23.78	13.80	9.98	
NWS-12-2	WL	02/04/92	---	23.78	14.42	9.36	
NWS-12-2	WL	03/06/92	---	23.78	14.78	9.00	
NWS-12-2	WL	03/31/92	---	23.78	14.97	8.81	
NWS-12-2	WL	05/01/92	1500	23.78	15.01	8.77	
NWS-12-3	WL	04/30/91	1520	27.13	4.91	22.22	
NWS-12-3	WL	05/28/91	1345	27.13	5.60	21.53	
NWS-12-3	WL	07/01/91	---	27.13	7.04	20.09	
NWS-12-3	WL	08/06/91	---	27.13	4.62	22.51	
NWS-12-3	WL	08/30/91	---	27.13	4.06	23.07	
NWS-12-3	WL	09/27/91	---	27.13	5.95	21.18	
NWS-12-3	WL	10/29/91	---	27.13	7.00	20.13	
NWS-12-3	WL	12/02/91	---	27.13	7.74	19.39	
NWS-12-3	WL	01/02/92	---	27.13	7.15	19.98	
NWS-12-3	WL	02/04/92	---	27.13	7.62	19.51	
NWS-12-3	WL	03/06/92	---	27.13	8.08	19.05	
NWS-12-3	WL	03/31/92	---	27.13	7.72	19.41	
NWS-12-3	WL	05/01/92	---	27.13	8.13	19.00	
NWS-12-4	WL	04/30/91	1530	28.66	4.92	23.74	
NWS-12-4	WL	05/28/91	1350	28.66	5.54	23.12	
NWS-12-4	WL	07/01/91	---	28.66	6.10	22.56	
NWS-12-4	WL	08/06/91	---	28.66	4.47	24.19	
NWS-12-4	WL	08/30/91	---	28.66	4.03	24.63	
NWS-12-4	WL	09/27/91	---	28.66	5.93	22.73	
NWS-12-4	WL	10/29/91	---	28.66	6.93	21.73	
NWS-12-4	WL	12/02/91	---	28.66	7.43	21.23	
NWS-12-4	WL	01/02/92	---	28.66	7.99	20.67	
NWS-12-4	WL	02/04/92	---	28.66	6.94	21.72	
NWS-12-4	WL	03/06/92	---	28.66	7.31	21.35	
NWS-12-4	WL	03/31/92	---	28.66	7.05	21.61	
NWS-12-4	WL	05/01/92	---	28.66	7.37	21.29	
NWS-12-5	WL	04/30/91	1400	30.59	7.10	23.49	
NWS-12-5	WL	05/28/91	1318	30.59	7.41	23.18	
NWS-12-7	WL	04/30/91	1510	30.24	22.35	7.89	
NWS-12-7	WL	05/28/91	1321	30.24	22.73	7.51	
NWS-12-7	WL	07/01/91	---	30.24	21.04	9.20	



**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
NWS-12-7	WL	08/06/91	---	30.24	22.36	7.88	
NWS-12-7	WL	08/30/91	---	30.24	21.97	8.27	
NWS-12-7	WL	09/27/91	---	30.24	22.40	7.84	
NWS-12-7	WL	10/29/91	---	30.24	23.13	7.11	
NWS-12-7	WL	12/02/91	---	30.24	23.82	6.42	
NWS-12-7	WL	01/02/92	---	30.24	24.37	5.87	
NWS-12-7	WL	02/04/92	---	30.24	24.48	5.76	
NWS-12-7	WL	03/06/92	---	30.24	24.49	5.75	
NWS-12-7	WL	03/31/92	---	30.24	24.51	5.73	
NWS-12-7	WL	05/01/92	1447	30.24	24.31	5.93	
NWS-12-7	WL	06/11/92	1601	30.24	24.25	5.99	
NWS-12-7	WL	07/07/92	1347	30.24	23.75	6.49	
NWS-12-7	WL	08/31/92	1441	30.24	22.45	7.79	
NWS-12-7	WL	10/07/92	1340	30.24	21.86	8.38	
NWS-12-7	WL	10/28/92	1437	30.24	21.55	8.69	
NWS-12-7	WL	12/03/92	1500	30.24	21.70	8.54	
NWS-12-7	WL	01/04/93	1425	30.24	22.14	8.10	
NWS-12-7	WL	02/04/93	1550	30.24	20.25	9.99	
NWS-12-7	WL	03/05/93	1443	30.24	20.60	9.64	
NWS-12-7	WL	03/30/93	1400	30.24	20.76	9.48	
NWS-12-7	WL	05/06/93	1401	30.24	20.83	9.41	
NWS-12-7	WL	05/28/93	1350	30.24	21.77	8.47	
NWS-12-7	WL	07/07/93	1424	30.24	22.83	7.41	
PW-01A	MW	10/28/92	1130	25.08	9.53	15.55	
PW-01A	MW	12/03/92	1424	25.08	9.06	16.02	
PW-01A	MW	01/04/93	1350	25.08	9.48	15.60	
PW-01A	MW	02/04/93	1442	25.08	8.75	16.33	
PW-01A	MW	03/05/93	1410	25.08	8.67	16.41	
PW-01A	MW	03/30/93	1325	25.08	8.16	16.92	
PW-01A	MW	05/06/93	1325	25.08	8.66	16.42	
PW-01A	MW	05/28/93	1314	25.08	9.30	15.78	
PW-01A	MW	07/07/93	1340	25.08	9.57	15.51	
PW-01A	MW	08/06/93	1304	25.08	9.99	15.09	
PW-01A	MW	09/03/93	1156	25.08	10.00	15.08	
PW-01A	MW	09/30/93	1253	25.08	9.64	15.44	
PW-01A	MW	10/28/93	1330	25.08	9.98	15.10	
PW-01A	MW	12/01/93	1525	25.08	9.81	15.27	
PW-01A	MW	01/06/94	1314	25.08	9.64	15.44	
PW-01A	MW	02/01/94	1242	25.08	8.92	16.16	
PW-01A	MW	03/04/94	1219	25.08	8.52	16.56	
PW-01A	MW	04/04/94	1138	25.08	9.30	15.78	
PW-01A	MW	05/06/94	1314	25.08	8.35	16.73	
PW-01A	MW	06/03/94	1208	25.08	10.80	14.28	
PW-01A	MW	07/08/94	1342	25.08	8.94	16.14	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
PW-01B	MW	10/28/92	1132	23.12	6.93	16.19	
PW-01B	MW	12/03/92	1427	23.12	7.48	15.64	
PW-01B	MW	01/04/93	1352	23.12	8.09	15.03	
PW-01B	MW	02/04/93	1500	23.12	6.92	16.20	
PW-01B	MW	03/05/93	1405	23.12	7.09	16.03	
PW-01B	MW	03/30/93	1330	23.12	6.97	16.15	
PW-01B	MW	05/06/93	1328	23.12	7.60	15.52	
PW-01B	MW	05/28/93	1316	23.12	8.10	15.02	
PW-01B	MW	07/07/93	1342	23.12	8.44	14.68	
PW-02	MW	05/15/92	1200	26.70	8.37	18.33	
PW-02	MW	06/11/92	1725	26.70	8.38	18.32	
PW-02	MW	08/31/92	1330	26.70	6.00	20.70	
PW-02	MW	10/07/92	1450	26.70	5.83	20.87	
PW-02	MW	10/28/92	1336	26.70	6.30	20.40	
PW-02	MW	12/03/92	1348	26.70	6.37	20.33	
PW-02	MW	01/04/93	1341	26.70	7.07	19.63	
PW-02	MW	02/04/93	1420	26.70	5.68	21.02	
PW-02	MW	03/05/93	1540	26.70	6.23	20.47	
PW-02	MW	03/30/93	1324	26.70	7.25	19.45	
PW-02	MW	07/07/93	1353	26.70	8.48	18.22	
PW-02	MW	08/06/93	1320	26.70	8.76	17.94	
PW-02	MW	09/03/93	1218	26.70	8.72	17.98	
PW-02	MW	09/30/93	1301	26.70	8.29	18.41	
PW-02	MW	10/28/93	1315	26.70	9.00	17.70	
PW-02	MW	12/01/93	1530	26.70	8.95	17.75	
PW-02	MW	01/06/94	1320	26.70	8.93	17.77	
PW-02	MW	02/01/94	1249	26.70	7.65	19.05	
PW-02	MW	03/04/94	1232	26.70	7.47	19.23	
PW-02	MW	04/04/94	1151	26.70	8.19	18.51	
PW-02	MW	05/06/94	1244	26.70	9.11	17.59	
PW-02	MW	06/03/94	1225	26.70	9.82	16.88	
PW-02	MW	07/08/94	1228	26.70	8.27	18.43	
PW-02	MW	10/06/94	1315	26.70	4.96	21.74	
PW-02	MW	11/09/94	1355	26.70	6.06	20.64	
PW-02	MW	12/06/94	1224	26.70	6.56	20.14	
PW-02	MW	01/10/95	1654	26.70	6.60	20.10	
PW-02	MW	02/02/95	1421	26.70	6.37	20.33	
PW-02	MW	03/02/95	1609	26.70	6.42	20.28	
PW-02	MW	04/05/95	1222	26.70	7.21	19.49	
PW-02	MW	05/02/95	1405	26.70	7.81	18.89	Well in use.
PW-02	MW	08/10/95	1327	26.70	8.19	18.51	
PW-02	MW	09/13/95	1451	26.70	6.16	20.54	
PW-05	MW	10/28/92	1440	28.75	11.25	17.50	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
PW-05	MW	12/03/92	1415	28.75	11.11	17.64	
PW-05	MW	01/04/93	1340	28.75	11.66	17.09	
PW-05	MW	02/04/93	1405	28.75	10.30	18.45	
PW-05	MW	03/05/93	1335	28.75	10.67	18.08	
PW-05	MW	03/30/93	1312	28.75	10.31	18.44	
PW-05	MW	05/06/93	1326	28.75	10.75	18.00	
PW-05	MW	05/28/93	1313	28.75	11.28	17.47	
PW-05	MW	07/07/93	1327	28.75	11.95	16.80	
PW-05	MW	08/06/93	1305	28.75	12.53	16.22	
PW-05	MW	09/03/93	1155	28.75	12.35	16.40	
PW-05	MW	09/30/93	1250	28.75	12.14	16.61	
PW-05	MW	10/28/93	1305	28.75	12.71	16.04	
PW-05	MW	12/01/93	1520	28.75	12.82	15.93	
PW-05	MW	01/06/94	1305	28.75	12.95	15.80	
PW-05	MW	02/01/94	1235	28.75	12.06	16.69	
PW-05	MW	03/04/94	1215	28.75	11.62	17.13	
SW-01	SW	06/11/92	---	13.38	.98	12.40	
SW-01	SW	07/07/92	1155	13.38	1.02	12.36	
SW-01	SW	08/31/92	1325	13.38	1.02	12.36	
SW-01	SW	10/07/92	1445	13.38	1.03	12.35	
SW-01	SW	10/28/92	1456	13.38	1.05	12.33	
SW-01	SW	12/03/92	1425	13.38	.91	12.47	
SW-01	SW	01/04/93	1345	13.38	.81	12.57	
SW-01	SW	02/04/93	1425	13.38	.80	12.58	
SW-01	SW	03/05/93	1340	13.38	1.01	12.37	
SW-01	SW	03/30/93	1319	13.38	1.03	12.35	
SW-01	SW	05/06/93	1333	13.38	1.05	12.33	
SW-01	SW	05/28/93	1319	13.38	1.05	12.33	
SW-01	SW	07/07/93	1335	13.38	.90	12.48	
SW-01	SW	08/06/93	1328	13.38	.88	12.50	
SW-01	SW	09/03/93	1220	13.38	.78	12.60	
SW-01	SW	09/30/93	1310	13.38	.85	12.53	
SW-01	SW	10/28/93	1335	13.38	.84	12.54	
SW-01	SW	12/01/93	1540	13.38	1.06	12.32	
SW-01	SW	01/06/94	1325	13.38	1.04	12.34	
SW-01	SW	02/01/94	1255	13.38	1.05	12.33	
SW-01	SW	03/04/94	1233	13.38	1.00	12.38	
SW-08	SW	06/11/92	1501	27.48	.97	26.51	
SW-08	SW	07/07/92	1520	27.48	1.07	26.41	
SW-08	SW	08/07/92	1346	27.48	1.04	26.44	
SW-08	SW	08/31/92	1110	27.48	1.14	26.34	
SW-08	SW	10/07/92	1100	27.48	1.11	26.37	
SW-08	SW	10/28/92	1602	27.48	1.12	26.36	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
SW-08	SW	12/03/92	1055	27.48	1.08	26.40	
SW-08	SW	01/04/93	1035	27.48	.99	26.49	
SW-08	SW	02/04/93	1107	27.48	1.04	26.44	
SW-08	SW	03/05/93	1035	27.48	1.10	26.38	
SW-08	SW	03/30/93	1025	27.48	1.07	26.41	
SW-08	SW	05/06/93	1046	27.48	1.13	26.35	
SW-08	SW	05/28/93	1038	27.48	.97	26.51	
SW-08	SW	07/07/93	1052	27.48	1.13	26.35	
SW-08	SW	08/06/93	1033	27.48	1.11	26.37	
SW-08	SW	09/03/93	1045	27.48	1.10	26.38	
SW-08	SW	09/30/93	1035	27.48	1.01	26.47	
SW-08	SW	10/28/93	1037	27.48	1.08	26.40	
SW-08	SW	12/01/93	1340	27.48	1.01	26.47	
SW-08	SW	01/06/94	1112	27.48	.94	26.54	
SW-08	SW	02/01/94	1010	27.48	.80	26.68	
SW-08	SW	03/04/94	1010	27.48	.65	26.83	Dewatering upstream.
SW-13	SW	10/07/92	1115	32.35	3.73	28.62	
SW-13	SW	10/28/92	1509	32.35	1.77	30.58	
SW-13	SW	12/03/92	1112	32.35	3.70	28.65	
SW-13	SW	01/04/93	1045	32.35	3.72	28.63	
SW-13	SW	02/04/93	1137	32.35	3.59	28.76	
SW-13	SW	03/05/93	1105	32.35	3.65	28.70	
SW-13	SW	03/30/93	1036	32.35	3.59	28.76	
SW-13	SW	05/06/93	1055	32.35	3.70	28.65	
SW-13	SW	07/07/93	1102	32.35	3.89	28.46	
SW-13	SW	08/06/93	1044	32.35	3.86	28.49	
SW-13	SW	09/03/93	1050	32.35	3.79	28.56	
SW-13	SW	09/30/93	1049	32.35	3.74	28.61	
SW-13	SW	10/28/93	1044	32.35	3.84	28.51	
SW-13	SW	12/01/93	1400	32.35	3.84	28.51	
SW-13	SW	01/06/94	1130	32.35	3.80	28.55	
SW-13	SW	02/01/94	1019	32.35	1.70	30.65	
SW-13	SW	03/04/94	1020	32.35	2.84	29.51	Dam gate open.
SW-14	SW	10/07/92	1120	31.63	1.76	29.87	
SW-14	SW	10/28/92	1510	31.63	3.83	27.80	
SW-14	SW	12/03/92	1110	31.63	1.78	29.85	
SW-14	SW	01/04/93	1047	31.63	1.79	29.84	
SW-14	SW	02/04/93	1125	31.63	1.77	29.86	
SW-14	SW	03/05/93	1106	31.63	1.75	29.88	
SW-14	SW	03/30/93	1035	31.63	1.76	29.87	
SW-14	SW	05/06/93	1057	31.63	1.77	29.86	
SW-14	SW	07/07/93	1102	31.63	1.80	29.83	
SW-14	SW	08/06/93	1045	31.63	1.79	29.84	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
SW-14	SW	09/03/93	1055	31.63	1.79	29.84	
SW-14	SW	09/30/93	1050	31.63	1.76	29.87	
SW-14	SW	10/28/93	1045	31.63	1.83	29.80	
SW-14	SW	12/01/93	1401	31.63	1.78	29.85	
SW-14	SW	01/06/94	1131	31.63	1.78	29.85	
SW-14	SW	02/01/94	1020	31.63	3.66	27.97	
SW-14	SW	03/04/94	1021	31.63	3.75	27.88	
W-001	MW	04/30/91	1041	16.81	.60	16.21	
W-001	MW	05/28/91	1211	16.81	.74	16.07	
W-001	MW	07/01/91	---	16.81	1.22	15.59	
W-001	MW	08/06/91	---	16.81	.50	16.31	
W-001	MW	08/30/91	---	16.81	.29	16.52	
W-001	MW	09/27/91	---	16.81	.78	16.03	
W-001	MW	10/29/91	---	16.81	1.07	15.74	
W-001	MW	12/02/91	---	16.81	1.30	15.51	
W-001	MW	01/02/92	---	16.81	1.47	15.34	
W-001	MW	02/04/92	---	16.81	1.69	15.12	
W-001	MW	03/06/92	---	16.81	1.94	14.87	
W-001	MW	03/31/92	---	16.81	1.50	15.31	
W-001	MW	05/01/92	1413	16.81	2.18	14.63	
W-001	MW	06/11/92	1713	16.81	1.85	14.96	
W-001	MW	07/07/92	1038	16.81	2.06	14.75	
W-001	MW	08/31/92	1320	16.81	.98	15.83	
W-001	MW	10/07/92	1433	16.81	.43	16.38	
W-001	MW	10/28/92	1342	16.81	.70	16.11	
W-001	MW	12/03/92	1409	16.81	.70	16.11	
W-001	MW	01/04/93	1321	16.81	1.00	15.81	
W-001	MW	02/04/93	1408	16.81	.30	16.51	
W-001	MW	03/05/93	1345	16.81	.50	16.31	
W-001	MW	03/30/93	1302	16.81	.78	16.03	
W-001	MW	05/06/93	1316	16.93	1.38	15.55	
W-001	MW	05/28/93	1302	16.93	1.79	15.14	
W-001	MW	07/07/93	1325	16.81	1.90	14.91	
W-001	MW	08/06/93	1316	16.81	1.87	14.94	
W-001	MW	09/03/93	1204	16.81	2.04	14.77	
W-001	MW	09/30/93	1255	16.81	1.58	15.23	
W-001	MW	10/28/93	1255	16.81	2.07	14.74	
W-001	MW	12/01/93	1530	16.81	1.80	15.01	
W-001	MW	01/06/94	1315	16.81	1.57	15.24	
W-001	MW	02/01/94	1250	16.81	1.05	15.76	
W-001	MW	03/04/94	1222	16.81	.80	16.01	
W-001	MW	04/04/94	1142	16.81	1.47	15.34	
W-001	MW	05/06/94	1239	16.81	2.44	14.37	
W-001	MW	06/03/94	1215	16.81	2.84	13.97	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
W-001	MW	07/08/94	1224	16.81	1.58	15.23	Water-table elevation greater than or equal to measuring point.
W-001	MW	08/05/94	1500	16.81	1.27	15.54	
W-001	MW	09/07/94	1320	16.81	1.01	15.80	
W-001	MW	10/06/94	1327	16.81	.00	16.81	
W-001	MW	11/09/94	1345	16.81	.42	16.39	
W-001	MW	12/06/94	1216	16.81	.39	16.42	
W-001	MW	01/10/95	1651	16.81	.60	16.21	
W-001	MW	02/02/95	1425	16.81	.62	16.19	
W-001	MW	03/02/95	1558	16.81	.54	16.27	
W-001	MW	04/05/95	1217	16.81	1.06	15.75	
W-001	MW	05/02/95	1352	16.81	1.62	15.19	
W-001	MW	06/09/95	1313	16.81	1.90	14.91	
W-001	MW	07/06/95	1232	16.81	1.88	14.93	
W-001	MW	08/10/95	1318	16.81	1.94	14.87	
W-001	MW	09/13/95	1447	16.81	.80	16.01	
W-002	MW	04/30/91	1030	16.26	6.92	9.34	
W-002	MW	05/28/91	1200	16.26	7.02	9.24	
W-002	MW	07/01/91	---	16.26	7.29	8.97	
W-002	MW	08/06/91	---	16.26	6.67	9.59	
W-002	MW	08/30/91	---	16.26	6.46	9.80	
W-002	MW	09/27/91	---	16.26	7.03	9.23	
W-002	MW	10/29/91	---	16.26	7.40	8.86	
W-002	MW	12/02/91	---	16.26	7.59	8.67	
W-002	MW	01/02/92	---	16.26	7.71	8.55	
W-002	MW	02/04/92	---	16.26	7.25	9.01	
W-002	MW	03/06/92	---	16.26	7.43	8.83	
W-002	MW	03/31/92	---	16.26	7.31	8.95	
W-002	MW	05/01/92	---	16.26	7.43	8.83	
W-002	MW	06/11/92	1650	16.26	7.03	9.23	
W-002	MW	07/07/92	1115	16.26	7.35	8.91	
W-002	MW	08/31/92	1255	16.26	6.83	9.43	
W-002	MW	10/07/92	1400	16.26	6.56	9.70	
W-002	MW	10/28/92	1626	16.26	6.88	9.38	
W-002	MW	12/03/92	1240	16.26	6.70	9.56	
W-002	MW	01/04/93	1205	16.26	7.09	9.17	
W-002	MW	02/04/93	1240	16.26	6.55	9.71	
W-002	MW	03/05/93	1215	16.26	6.69	9.57	
W-002	MW	03/30/93	1138	16.26	6.60	9.66	
W-002	MW	05/06/93	1205	16.26	7.10	9.16	
W-002	MW	05/28/93	1159	16.26	7.39	8.87	
W-002	MW	07/07/93	1225	16.26	7.73	8.53	
W-002	MW	08/06/93	1210	16.26	7.80	8.46	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
W-003	MW	04/30/91	1026	32.95	15.20	17.75	
W-003	MW	05/28/91	1145	32.95	15.52	17.43	
W-003	MW	07/01/91	---	32.95	16.07	16.88	
W-003	MW	08/06/91	---	32.95	15.02	17.93	
W-003	MW	08/30/91	---	32.95	14.67	18.28	
W-003	MW	09/27/91	---	32.95	15.36	17.59	
W-003	MW	10/29/91	---	32.95	16.04	16.91	
W-003	MW	12/02/91	---	32.95	16.39	16.56	
W-003	MW	01/02/92	---	32.95	16.70	16.25	
W-003	MW	02/04/92	---	32.95	16.28	16.67	
W-003	MW	03/06/92	---	32.95	16.32	16.63	
W-003	MW	03/31/92	---	32.95	16.18	16.77	
W-003	MW	05/01/92	1356	32.95	16.50	16.45	
W-003	MW	06/11/92	1645	32.95	16.43	16.52	
W-003	MW	07/07/92	1120	32.95	16.48	16.47	
W-003	MW	08/31/92	1200	32.95	15.63	17.32	
W-003	MW	10/07/92	1210	32.95	15.04	17.91	
W-003	MW	10/28/92	1529	32.95	15.19	17.76	
W-003	MW	12/03/92	1215	32.95	14.81	18.14	
W-003	MW	01/04/93	1140	32.95	15.30	17.65	
W-003	MW	02/04/93	1215	32.95	14.10	18.85	
W-003	MW	03/05/93	1155	32.95	14.08	18.87	
W-003	MW	03/30/93	1114	32.95	13.97	18.98	
W-003	MW	05/06/93	1145	32.95	14.83	18.12	
W-003	MW	05/28/93	1132	32.95	15.48	17.47	
W-003	MW	07/07/93	1155	32.95	16.24	16.71	
W-003	MW	08/06/93	1142	32.95	16.52	16.43	
W-103	MW	04/30/91	1010	37.05	15.14	21.91	
W-103	MW	05/28/91	---	37.05	15.35	21.70	
W-103	MW	07/01/91	---	37.05	15.88	21.17	
W-103	MW	08/06/91	---	37.05	12.74	24.31	
W-103	MW	08/30/91	---	37.05	12.23	24.82	
W-103	MW	09/27/91	---	37.05	14.65	22.40	
W-103	MW	10/29/91	---	37.05	15.97	21.08	
W-103	MW	12/02/91	---	37.05	16.60	20.45	
W-103	MW	01/02/92	---	37.05	17.13	19.92	
W-103	MW	02/04/92	---	37.05	17.04	20.01	
W-103	MW	03/06/92	---	37.05	16.77	20.28	
W-103	MW	03/31/92	---	37.05	16.68	20.37	
W-103	MW	05/01/92	---	37.05	16.78	20.27	
W-103	MW	06/11/92	1230	37.05	17.94	19.11	
W-103	MW	07/07/92	1727	37.05	17.23	19.82	
W-103	MW	08/07/92	1010	37.05	17.64	19.41	
W-103	MW	08/31/92	1030	37.05	13.13	23.92	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
W-103	MW	10/07/92	1030	37.05	13.10	23.95	
W-103	MW	12/03/92	0955	37.05	14.56	22.49	
W-103	MW	01/04/93	1005	37.05	16.33	20.72	
W-103	MW	02/04/93	1030	37.05	12.98	24.07	
W-103	MW	03/05/93	1015	37.05	14.94	22.11	
W-103	MW	03/30/93	0933	37.05	17.25	19.80	
W-103	MW	05/06/93	1009	37.05	18.06	18.99	
W-103	MW	05/28/93	1010	37.05	18.98	18.07	
W-103	MW	07/07/93	1000	37.05	---	---	Free product present in well.
W-103	MW	08/06/93	0945	37.05	18.25	18.80	
W-103	MW	09/03/93	1005	37.05	18.19	18.86	
W-103	MW	09/30/93	1005	37.05	17.44	19.61	
W-103	MW	10/28/93	0955	37.05	18.50	18.55	Petroleum odor.
W-103	MW	01/06/94	1015	37.05	---	---	2.55 ft of free product in well.
W-105	MW	04/30/91	1020	36.45	12.78	23.67	
W-105	MW	05/28/91	---	36.45	12.80	23.65	
W-105	MW	08/30/91	---	36.43	11.75	24.68	New measuring point established
W-105	MW	09/27/91	---	36.43	12.58	23.85	
W-105	MW	10/29/91	---	36.43	13.13	23.30	
W-105	MW	12/02/91	---	36.43	13.44	22.99	
W-105	MW	01/02/92	---	36.43	13.75	22.68	
W-105	MW	02/04/92	---	36.43	12.82	23.61	
W-105	MW	03/06/92	---	36.43	13.56	22.87	
W-105	MW	03/31/92	---	36.43	13.71	22.72	
W-105	MW	05/01/92	1540	36.43	13.62	22.81	
W-105	MW	05/01/92	1030	36.43	13.70	22.73	
W-105	MW	06/11/92	1406	36.43	13.73	22.70	
W-105	MW	07/07/92	1714	36.43	13.55	22.88	
W-105	MW	08/31/92	1128	36.43	12.43	24.00	
W-105	MW	10/07/92	1138	36.43	12.40	24.03	
W-105	MW	10/28/92	1254	36.43	12.66	23.77	
W-105	MW	12/03/92	1116	36.43	12.70	23.73	
W-105	MW	01/04/93	1105	36.43	13.40	23.03	
W-105	MW	02/04/93	1154	36.43	12.78	23.65	
W-105	MW	03/05/93	1121	36.43	13.05	23.38	
W-105	MW	03/30/93	1037	36.43	13.00	23.43	
W-105	MW	05/06/93	1103	36.43	12.97	23.46	
W-105	MW	05/28/93	1056	39.26	16.00	23.26	New measuring point established
W-105	MW	07/07/93	1046	39.26	15.82	23.44	
W-105	MW	08/06/93	1024	39.26	16.18	23.08	
W-105	MW	09/03/93	1045	39.26	16.03	23.23	
W-105	MW	09/30/93	1040	39.26	15.61	23.65	
W-105	MW	10/28/93	1042	39.26	16.04	23.22	
W-105	MW	12/01/93	1341	39.26	15.73	23.53	



**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
W-105	MW	01/06/94	1051	39.26	15.69	23.57	
W-105	MW	02/01/94	1050	39.26	15.12	24.14	
W-105	MW	03/04/94	1030	39.26	15.17	24.09	
W-105	MW	04/04/94	1025	39.26	15.38	23.88	
W-105	MW	05/06/94	1111	39.26	15.93	23.33	
W-105	MW	06/03/94	1054	39.26	16.41	22.85	
W-105	MW	07/08/94	1102	39.26	14.69	24.57	
W-105	MW	08/05/94	1405	39.26	14.11	25.15	
W-105	MW	09/07/94	1120	39.26	14.39	24.87	
W-105	MW	10/06/94	1131	39.26	13.39	25.87	
W-105	MW	11/09/94	1255	39.26	14.44	24.82	
W-105	MW	12/06/94	1113	39.26	14.65	24.61	
W-105	MW	01/10/95	1320	39.26	14.80	24.46	
W-105	MW	02/02/95	1332	39.26	14.81	24.45	
W-105	MW	03/02/95	1500	39.26	14.90	24.36	
W-105	MW	04/05/95	1058	39.26	15.37	23.89	
W-105	MW	05/02/95	1248	39.26	15.68	23.58	
W-105	MW	06/09/95	1049	39.26	15.87	23.39	
W-105	MW	07/06/95	1042	39.26	15.67	23.59	
W-105	MW	08/10/95	1115	39.26	15.45	23.81	
W-105	MW	09/13/95	1153	39.26	14.88	24.38	
W-107	MW	04/30/91	1212	34.98	7.61	27.37	
W-107	MW	05/28/91	---	34.98	7.84	27.14	
W-107	MW	07/01/91	---	34.98	8.04	26.94	
W-107	MW	08/06/91	---	34.38	5.10	29.28	New measuring point established.
W-107	MW	08/30/91	---	34.38	5.80	28.58	
W-107	MW	09/27/91	---	34.38	7.35	27.03	
W-107	MW	10/29/91	---	34.38	8.05	26.33	
W-107	MW	12/02/91	---	34.38	8.40	25.98	
W-107	MW	02/04/92	---	34.38	8.40	25.98	
W-107	MW	03/06/92	---	34.38	8.64	25.74	
W-107	MW	03/31/92	---	34.38	8.57	25.81	
W-107	MW	05/01/92	---	34.38	8.09	26.29	
W-108	MW	04/30/91	1040	37.03	9.54	27.49	
W-108	MW	05/28/91	---	37.03	9.77	27.26	
W-108	MW	07/01/91	---	37.03	9.97	27.06	
W-108	MW	08/06/91	---	37.03	8.41	28.62	
W-108	MW	08/30/91	---	37.03	8.22	28.81	
W-108	MW	09/27/91	---	37.03	9.90	27.13	
W-108	MW	10/29/91	---	37.03	10.67	26.36	
W-108	MW	12/02/91	---	37.03	11.07	25.96	
W-108	MW	01/02/92	---	37.03	11.45	25.58	
W-108	MW	02/04/92	---	37.03	10.55	26.48	Pre-start-up water levels.

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
W-108	MW	03/06/92	---	37.03	11.63	25.40	
W-108	MW	03/31/92	---	37.03	10.62	26.41	
W-108	MW	05/01/92	---	37.03	10.61	26.42	
W-108	MW	06/11/92	1420	37.03	9.67	27.36	
W-108	MW	07/07/92	1655	37.03	10.16	26.87	
W-108	MW	08/07/92	1034	37.03	9.91	27.12	
W-108	MW	08/31/92	1045	37.03	8.63	28.40	
W-108	MW	10/07/92	1040	37.03	8.30	28.73	
W-108	MW	12/03/92	1020	37.03	9.15	27.88	
W-108	MW	01/04/93	1010	37.03	10.07	26.96	
W-108	MW	02/04/93	1045	37.03	8.96	28.07	
W-108	MW	03/05/93	1025	37.03	9.31	27.72	
W-108	MW	03/30/93	0953	37.03	8.97	28.06	
W-108	MW	05/06/93	1023	37.03	9.75	27.28	
W-108	MW	05/28/93	1019	37.03	10.23	26.80	
W-108	MW	07/07/93	1010	37.03	9.98	27.05	
W-108	MW	08/06/93	1000	37.03	9.59	27.44	
W-108	MW	09/03/93	1020	37.03	9.89	27.14	
W-108	MW	09/30/93	1020	37.03	9.68	27.35	
W-108	MW	10/28/93	1010	37.03	10.64	26.39	
WT-01	WL	04/30/91	1001	29.97	4.41	25.56	
WT-01	WL	05/28/91	1100	29.97	4.79	25.18	
WT-01	WL	07/01/91	---	29.97	5.18	24.79	
WT-01	WL	08/06/91	---	29.97	4.52	25.45	
WT-01	WL	08/30/91	---	29.97	3.98	25.99	
WT-01	WL	09/27/91	---	29.97	5.29	24.68	
WT-01	WL	10/29/91	---	29.97	5.82	24.15	
WT-01	WL	12/02/91	---	29.97	5.96	24.01	
WT-01	WL	01/02/92	---	29.97	5.88	24.09	
WT-01	WL	02/13/92	---	29.97	5.02	24.95	
WT-01	WL	03/06/92	---	29.97	5.20	24.77	
WT-01	WL	03/31/92	---	29.97	4.65	25.32	
WT-01	WL	05/01/92	---	29.97	5.30	24.67	
WT-01	WL	06/11/92	1622	29.97	3.93	26.04	
WT-01	WL	07/07/92	1320	29.97	5.29	24.68	
WT-01	WL	08/07/92	1446	29.97	4.70	25.27	
WT-01	WL	08/31/92	1135	29.97	4.47	25.50	
WT-01	WL	10/07/92	1145	29.97	3.87	26.10	
WT-01	WL	10/28/92	1507	29.97	4.87	25.10	
WT-01	WL	12/03/92	1145	29.97	4.18	25.79	
WT-01	WL	01/04/93	1105	29.97	4.77	25.20	
WT-01	WL	02/04/93	1155	29.97	4.12	25.85	
WT-01	WL	03/05/93	1138	29.97	3.65	26.32	
WT-01	WL	03/30/93	1058	29.97	3.90	26.07	

**Table 8.**--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-01	WL	05/06/93	1124	29.97	4.90	25.07	
WT-01	WL	05/28/93	1115	29.97	5.59	24.38	
WT-01	WL	07/07/93	1125	29.97	5.37	24.60	
WT-01	WL	08/06/93	1115	29.97	4.97	25.00	
WT-02	WL	04/30/91	0921	33.65	6.74	26.91	
WT-02	WL	05/28/91	1125	33.65	6.96	26.69	
WT-02	WL	07/01/91	---	33.65	7.46	26.19	
WT-02	WL	08/06/91	---	33.65	6.16	27.49	
WT-02	WL	08/30/91	---	33.65	5.39	28.26	
WT-02	WL	09/27/91	---	33.65	7.15	26.50	
WT-02	WL	10/29/91	---	33.65	8.01	25.64	
WT-02	WL	12/02/91	---	33.65	8.53	25.12	
WT-02	WL	01/02/92	---	33.65	8.84	24.81	
WT-02	WL	02/13/92	---	33.65	7.55	26.10	
WT-02	WL	03/06/92	---	33.65	7.56	26.09	
WT-02	WL	03/31/92	---	33.65	7.14	26.51	
WT-02	WL	05/01/92	---	33.65	7.64	26.01	
WT-02	WL	06/11/92	1625	33.65	6.43	27.22	
WT-02	WL	07/07/92	1313	33.65	7.51	26.14	
WT-02	WL	08/07/92	1449	33.65	7.45	26.20	
WT-02	WL	08/31/92	1140	33.65	6.13	27.52	
WT-02	WL	10/07/92	1150	33.65	5.30	28.35	
WT-02	WL	10/28/92	1516	33.65	6.58	27.07	
WT-02	WL	12/03/92	1147	33.65	5.95	27.70	
WT-02	WL	01/04/93	1120	33.65	6.85	26.80	
WT-02	WL	02/04/93	1200	33.65	5.61	28.04	
WT-02	WL	03/05/93	1142	33.65	5.29	28.36	
WT-02	WL	03/30/93	1100	33.65	5.32	28.33	
WT-02	WL	05/06/93	1128	33.65	6.83	26.82	
WT-02	WL	05/28/93	1118	33.65	7.67	25.98	
WT-02	WL	07/07/93	1135	33.65	7.94	25.71	
WT-02	WL	08/06/93	1120	33.65	7.70	25.95	
WT-03	WL	04/30/91	1001	30.49	5.70	24.79	
WT-03	WL	05/28/91	1135	30.49	5.94	24.55	
WT-03	WL	07/01/91	---	30.49	6.28	24.21	
WT-03	WL	08/06/91	---	30.49	5.40	25.09	
WT-03	WL	08/30/91	---	30.49	4.82	25.67	
WT-03	WL	09/27/91	---	30.49	6.00	24.49	
WT-03	WL	10/29/91	---	30.49	6.70	23.79	
WT-03	WL	12/02/91	---	30.49	7.14	23.35	
WT-03	WL	01/02/92	---	30.49	7.50	22.99	
WT-03	WL	02/04/92	---	30.49	6.90	23.59	
WT-03	WL	03/06/92	---	30.49	6.98	23.51	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-03	WL	03/31/92	---	30.49	6.86	23.63	
WT-03	WL	05/01/92	1343	30.49	6.97	23.52	
WT-03	WL	06/11/92	1637	30.49	6.25	24.24	
WT-03	WL	07/07/92	1140	30.49	6.82	23.67	
WT-03	WL	08/31/92	1205	30.49	5.86	24.63	
WT-03	WL	10/07/92	1220	30.49	5.30	25.19	
WT-03	WL	10/28/92	1548	30.49	5.88	24.61	
WT-03	WL	12/03/92	1220	30.49	5.63	24.86	
WT-03	WL	01/04/93	1145	30.49	6.18	24.31	
WT-03	WL	02/04/93	1220	30.49	5.27	25.22	
WT-03	WL	03/05/93	1200	30.49	4.94	25.55	
WT-03	WL	03/30/93	1121	30.49	5.22	25.27	
WT-03	WL	05/06/93	1150	30.49	6.10	24.39	
WT-03	WL	05/28/93	1140	30.49	6.64	23.85	
WT-03	WL	07/07/93	1207	30.49	6.86	23.63	
WT-03	WL	08/06/93	1150	30.49	6.74	23.75	
WT-03	WL	09/03/93	1115	30.49	6.98	23.51	
WT-03	WL	09/30/93	1115	30.49	6.69	23.80	
WT-03	WL	10/28/93	1110	30.49	7.28	23.21	
WT-03	WL	12/01/93	1420	30.49	7.09	23.40	
WT-03	WL	01/06/94	1150	30.49	6.83	23.66	
WT-03	WL	02/01/94	1040	30.49	6.07	24.42	
WT-03	WL	03/04/94	1050	30.49	5.99	24.50	
WT-04	WL	04/30/91	1009	32.89	7.67	25.22	
WT-04	WL	05/28/91	1135	32.89	7.76	25.13	
WT-04	WL	07/01/91	---	32.89	8.26	24.63	
WT-04	WL	08/06/91	---	32.89	7.08	25.81	
WT-04	WL	08/30/91	---	32.89	6.29	26.60	
WT-04	WL	09/27/91	---	32.89	7.45	25.44	
WT-04	WL	10/29/91	---	32.89	8.32	24.57	
WT-04	WL	12/02/91	---	32.89	8.98	23.91	
WT-04	WL	01/02/92	---	32.89	9.54	23.35	
WT-04	WL	03/06/92	---	32.89	8.95	23.94	
WT-04	WL	03/31/92	---	32.89	8.96	23.93	
WT-04	WL	05/01/92	1346	32.89	8.91	23.98	
WT-04	WL	06/11/92	1635	32.89	9.17	23.72	
WT-04	WL	07/07/92	1138	32.89	8.67	24.22	
WT-04	WL	08/31/92	1210	32.89	7.42	25.47	
WT-04	WL	10/07/92	1225	32.89	6.90	25.99	
WT-04	WL	10/28/92	1544	32.89	7.31	25.58	
WT-04	WL	12/03/92	1225	32.89	7.12	25.77	
WT-04	WL	01/04/93	1148	32.89	7.84	25.05	
WT-04	WL	02/04/93	1225	32.89	6.42	26.47	
WT-04	WL	03/05/93	1205	32.89	6.68	26.21	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-04	WL	03/30/93	1124	32.89	6.85	26.04	
WT-04	WL	05/06/93	1154	32.89	7.74	25.15	
WT-04	WL	05/28/93	1145	32.89	8.45	24.44	
WT-04	WL	07/07/93	1210	32.89	8.99	23.90	
WT-04	WL	08/06/93	1153	32.89	9.17	23.72	
WT-04	WL	09/03/93	1120	32.89	8.86	24.03	
WT-04	WL	09/30/93	1120	32.89	8.60	24.29	
WT-04	WL	10/28/93	1112	32.89	9.30	23.59	
WT-04	WL	12/01/93	1425	32.89	9.29	23.60	
WT-04	WL	01/06/94	1155	32.89	9.50	23.39	
WT-04	WL	02/01/94	1045	32.89	8.70	24.19	
WT-04	WL	03/04/94	1055	32.89	8.26	24.63	
WT-05	WL	04/30/91	1015	32.65	10.12	22.53	
WT-05	WL	05/28/91	1130	32.65	10.15	22.50	
WT-05	WL	07/01/91	---	32.65	10.59	22.06	
WT-05	WL	08/06/91	---	32.65	9.88	22.77	
WT-05	WL	08/30/91	---	32.65	9.41	23.24	
WT-05	WL	09/27/91	---	32.65	9.96	22.69	
WT-05	WL	10/29/91	---	32.65	10.61	22.04	
WT-05	WL	12/02/91	---	32.65	11.15	21.50	
WT-05	WL	01/02/92	---	32.65	11.66	20.99	
WT-05	WL	02/04/92	---	32.65	11.34	21.31	
WT-05	WL	03/06/92	---	32.65	11.31	21.34	
WT-05	WL	03/31/92	---	32.65	11.34	21.31	
WT-05	WL	05/01/92	1351	32.65	11.34	21.31	
WT-05	WL	06/11/92	1633	32.65	11.54	21.11	
WT-05	WL	07/07/92	1134	32.65	11.08	21.57	
WT-05	WL	08/31/92	1215	32.65	10.38	22.27	
WT-05	WL	10/07/92	1230	32.65	9.92	22.73	
WT-05	WL	10/28/92	1536	32.65	9.84	22.81	
WT-05	WL	12/03/92	1230	32.65	9.76	22.89	
WT-05	WL	01/04/93	1150	32.65	10.29	22.36	
WT-05	WL	02/04/93	1230	32.65	9.15	23.50	
WT-05	WL	03/05/93	1207	32.65	9.39	23.26	
WT-05	WL	03/30/93	1127	32.65	9.35	23.30	
WT-05	WL	05/06/93	1157	32.65	9.96	22.69	
WT-05	WL	05/28/93	1150	32.65	10.49	22.16	
WT-05	WL	07/07/93	1215	32.65	11.12	21.53	
WT-05	WL	08/06/93	1157	32.65	11.40	21.25	
WT-05	WL	09/03/93	1125	32.65	11.28	21.37	
WT-05	WL	09/30/93	1122	32.65	11.06	21.59	
WT-05	WL	10/28/93	1114	32.65	11.57	21.08	
WT-05	WL	12/01/93	1430	32.65	11.64	21.01	
WT-05	WL	01/06/94	1200	32.65	11.78	20.87	

**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-05	WL	02/01/94	1050	32.65	11.16	21.49	
WT-05	WL	03/04/94	1100	32.65	10.79	21.86	
WT-06	WL	04/30/91	0954	33.15	6.61	26.54	
WT-06	WL	05/28/91	1055	33.15	7.11	26.04	
WT-06	WL	07/01/91	---	33.15	7.71	25.44	
WT-06	WL	08/06/91	---	33.15	6.39	26.76	
WT-06	WL	08/30/91	---	33.15	5.50	27.65	
WT-06	WL	09/27/91	---	33.15	7.44	25.71	
WT-06	WL	10/29/91	---	33.15	8.17	24.98	
WT-06	WL	12/02/91	---	33.15	8.46	24.69	
WT-06	WL	01/02/92	---	33.15	8.69	24.46	
WT-06	WL	02/13/92	---	33.15	7.38	25.77	
WT-06	WL	03/06/92	---	33.15	7.40	25.75	
WT-06	WL	03/31/92	---	33.15	6.74	26.41	
WT-06	WL	05/01/92	1332	33.15	7.52	25.63	
WT-06	WL	06/11/92	1618	33.15	6.38	26.77	
WT-06	WL	07/07/92	1317	33.15	7.51	25.64	
WT-06	WL	08/07/92	1443	33.15	7.67	25.48	
WT-06	WL	08/31/92	1130	33.15	6.33	26.82	
WT-06	WL	10/07/92	1140	33.15	5.39	27.76	
WT-06	WL	10/28/92	1512	33.15	6.92	26.23	
WT-06	WL	12/03/92	1140	33.15	6.06	27.09	
WT-06	WL	01/04/93	1110	33.15	7.00	26.15	
WT-06	WL	02/04/93	1150	33.15	6.00	27.15	
WT-06	WL	03/05/93	1135	33.15	5.25	27.90	
WT-06	WL	03/30/93	1055	33.15	5.38	27.77	
WT-06	WL	05/06/93	1114	33.15	7.08	26.07	
WT-06	WL	05/28/93	1106	33.15	7.75	25.40	
WT-06	WL	07/07/93	1130	33.15	8.08	25.07	
WT-06	WL	08/06/93	1110	33.15	7.69	25.46	
WT-07	WL	04/30/91	0956	38.43	5.40	33.03	
WT-07	WL	05/28/91	1056	38.43	6.00	32.43	
WT-07	WL	07/01/91	---	38.43	6.72	31.71	
WT-07	WL	08/06/91	---	38.43	5.05	33.38	
WT-07	WL	08/30/91	---	38.43	4.34	34.09	
WT-07	WL	09/27/91	---	38.43	6.67	31.76	
WT-07	WL	10/29/91	---	38.43	8.36	30.07	
WT-07	WL	12/02/91	---	38.43	8.35	30.08	
WT-07	WL	01/02/92	---	38.43	8.31	30.12	
WT-07	WL	02/04/92	---	38.43	5.80	32.63	
WT-07	WL	03/06/92	---	38.43	6.47	31.96	
WT-07	WL	03/31/92	---	38.43	5.63	32.80	
WT-07	WL	05/01/92	1325	38.43	6.55	31.88	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-07	WL	06/11/92	1545	38.43	4.21	34.22	
WT-07	WL	07/07/92	1325	38.43	6.57	31.86	
WT-07	WL	08/07/92	1434	38.43	6.47	31.96	
WT-07	WL	08/31/92	1120	38.43	5.23	33.20	
WT-07	WL	10/07/92	1130	38.43	4.31	34.12	
WT-07	WL	10/28/92	1458	38.43	6.10	32.33	
WT-07	WL	12/03/92	1125	38.43	4.88	33.55	
WT-07	WL	01/04/93	1115	38.43	6.13	32.30	
WT-07	WL	02/04/93	1145	38.43	5.17	33.26	
WT-07	WL	03/05/93	1125	38.43	4.19	34.24	
WT-07	WL	03/30/93	1046	38.43	4.33	34.10	
WT-07	WL	05/06/93	1120	38.43	6.38	32.05	
WT-07	WL	05/28/93	1110	38.43	7.70	30.73	
WT-07	WL	07/07/93	1118	38.43	8.27	30.16	
WT-07	WL	08/06/93	1105	38.43	7.64	30.79	
WT-08	WL	04/30/91	1200	36.33	3.09	33.24	
WT-08	WL	05/28/91	---	36.33	3.54	32.79	
WT-08	WL	07/01/91	---	36.33	3.24	33.09	
WT-08	WL	08/06/91	---	36.33	2.97	33.36	
WT-08	WL	08/30/91	---	36.33	2.76	33.57	
WT-08	WL	09/27/91	---	36.33	4.50	31.83	
WT-08	WL	10/29/91	---	36.33	5.32	31.01	
WT-08	WL	12/02/91	---	36.33	6.12	30.21	
WT-08	WL	01/02/92	---	36.33	5.86	30.47	
WT-08	WL	02/04/92	---	36.33	3.24	33.09	
WT-08	WL	03/06/92	---	36.33	4.18	32.15	
WT-08	WL	03/31/92	---	36.33	3.29	33.04	
WT-08	WL	05/01/92	---	36.33	4.58	31.75	
WT-08	WL	06/11/92	1522	36.33	2.80	33.53	
WT-08	WL	07/07/92	1436	36.33	4.39	31.94	
WT-08	WL	08/07/92	1409	36.33	3.34	32.99	
WT-08	WL	08/31/92	1250	36.33	2.99	33.34	
WT-08	WL	10/07/92	1350	36.33	2.72	33.61	
WT-08	WL	10/28/92	1401	36.33	3.62	32.71	
WT-08	WL	12/03/92	1247	36.33	2.94	33.39	
WT-08	WL	01/04/93	1225	36.33	3.79	32.54	
WT-08	WL	02/04/93	1345	36.33	2.97	33.36	
WT-08	WL	03/05/93	1226	36.33	2.81	33.52	
WT-08	WL	03/30/93	1152	36.33	2.80	33.53	
WT-08	WL	05/06/93	1201	36.33	3.53	32.80	
WT-08	WL	05/28/93	1159	36.33	4.90	31.43	
WT-08	WL	07/07/93	1151	36.33	4.14	32.19	
WT-08	WL	08/06/93	1127	36.33	3.56	32.77	
WT-08	WL	09/03/93	1138	36.33	4.83	31.50	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-08	WL	09/30/93	1145	36.33	4.16	32.17	
WT-08	WL	10/28/93	1145	36.33	5.06	31.27	
WT-08	WL	12/01/93	1455	36.33	3.95	32.38	
WT-08	WL	01/06/94	1206	36.33	3.01	33.32	
WT-08	WL	02/01/94	1105	36.33	2.68	33.65	
WT-08	WL	03/04/94	1120	36.33	2.80	33.53	
WT-09	WL	04/30/91	1140	34.99	4.64	30.35	
WT-09	WL	05/28/91	---	34.99	4.64	30.35	
WT-09	WL	07/01/91	---	34.99	4.71	30.28	
WT-09	WL	08/06/91	---	34.99	4.58	30.41	
WT-09	WL	08/30/91	---	34.99	4.54	30.45	
WT-09	WL	09/27/91	---	34.99	4.74	30.25	
WT-09	WL	10/29/91	---	34.99	4.87	30.12	
WT-09	WL	12/02/91	---	34.99	4.84	30.15	
WT-09	WL	01/02/92	---	34.99	4.90	30.09	
WT-09	WL	02/04/92	---	34.99	4.70	30.29	
WT-09	WL	03/06/92	---	34.99	4.78	30.21	
WT-09	WL	03/31/92	---	34.99	4.75	30.24	
WT-09	WL	05/01/92	---	34.99	4.83	30.16	
WT-09	WL	06/11/92	1513	34.99	4.51	30.48	
WT-09	WL	07/07/92	1453	34.99	4.83	30.16	
WT-09	WL	08/07/92	1358	34.99	4.62	30.37	
WT-09	WL	08/31/92	1233	34.99	4.65	30.34	
WT-09	WL	10/07/92	1232	34.99	4.57	30.42	
WT-09	WL	10/28/92	1346	34.99	4.69	30.30	
WT-09	WL	12/03/92	1232	34.99	4.63	30.36	
WT-09	WL	01/04/93	1040	34.99	4.70	30.29	
WT-09	WL	02/04/93	1115	34.99	4.63	30.36	
WT-09	WL	03/05/93	1100	34.99	4.58	30.41	
WT-09	WL	03/30/93	1040	34.99	4.60	30.39	
WT-09	WL	05/06/93	1050	34.99	4.73	30.26	
WT-09	WL	05/28/93	1044	34.99	4.84	30.15	
WT-09	WL	07/07/93	1057	34.99	4.76	30.23	
WT-09	WL	08/06/93	1050	34.99	5.56	29.43	May be affected by dewatering.
WT-09	WL	09/03/93	1057	34.99	4.88	30.11	
WT-09	WL	09/30/93	1055	34.99	4.73	30.26	
WT-09	WL	10/28/93	1050	34.99	4.73	30.26	
WT-09	WL	12/01/93	1405	34.99	4.60	30.39	
WT-09	WL	01/06/94	1125	34.99	4.49	30.50	
WT-09	WL	02/01/94	1015	34.99	4.34	30.65	
WT-09	WL	03/04/94	1015	34.99	4.47	30.52	
WT-10	WL	04/30/91	1100	31.81	5.00	26.81	
WT-10	WL	05/28/91	---	31.81	5.36	26.45	



**Table 8.--**Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-10	WL	07/01/91	---	31.81	5.54	26.27	
WT-10	WL	08/06/91	---	31.81	4.92	26.89	
WT-10	WL	08/30/91	---	31.81	4.69	27.12	
WT-10	WL	09/27/91	---	31.81	5.84	25.97	
WT-10	WL	10/29/91	---	31.81	6.21	25.60	
WT-10	WL	12/02/91	---	31.81	6.43	25.38	
WT-10	WL	01/02/92	---	31.81	6.44	25.37	
WT-10	WL	02/04/92	---	31.81	5.70	26.11	
WT-10	WL	03/06/92	---	31.81	5.89	25.92	
WT-10	WL	03/31/92	---	31.81	5.64	26.17	
WT-10	WL	05/01/92	---	31.81	5.94	25.87	
WT-10	WL	06/11/92	1457	31.81	4.28	27.53	
WT-10	WL	07/07/92	1530	31.81	5.92	25.89	
WT-10	WL	08/07/92	1342	31.81	5.15	26.66	
WT-10	WL	08/31/92	1105	31.81	5.03	26.78	
WT-10	WL	10/07/92	1104	31.81	4.38	27.43	
WT-10	WL	10/28/92	1608	31.81	5.40	26.41	
WT-10	WL	12/03/92	1050	31.81	4.92	26.89	
WT-10	WL	01/04/93	1030	31.81	5.41	26.40	
WT-10	WL	02/04/93	1105	31.81	4.94	26.87	
WT-10	WL	03/05/93	1045	31.81	4.41	27.40	
WT-10	WL	03/30/93	1018	31.81	4.51	27.30	
WT-10	WL	05/06/93	1043	31.81	5.41	26.40	
WT-10	WL	05/28/93	1035	31.81	5.68	26.13	
WT-10	WL	07/07/93	1048	31.81	5.63	26.18	
WT-10	WL	08/06/93	1036	31.81	4.29	27.52	
WT-10	WL	09/03/93	1040	31.81	5.76	26.05	
WT-10	WL	09/30/93	1040	31.81	5.58	26.23	
WT-10	WL	10/28/93	1032	31.81	5.97	25.84	
WT-10	WL	12/01/93	1345	31.81	5.61	26.20	
WT-10	WL	01/06/94	1110	31.81	5.26	26.55	
WT-10	WL	02/01/94	1005	31.81	4.23	27.58	
WT-10	WL	03/04/94	1005	31.81	4.29	27.52	
WT-11	WL	09/27/91	---	25.66	5.64	20.02	
WT-11	WL	10/29/91	---	25.66	6.17	19.49	
WT-11	WL	12/02/91	---	25.66	6.49	19.17	
WT-11	WL	01/02/92	---	25.66	6.74	18.92	
WT-11	WL	02/04/92	---	25.66	6.16	19.50	
WT-11	WL	03/06/92	---	25.66	6.17	19.49	
WT-11	WL	03/31/92	---	25.66	6.25	19.41	
WT-11	WL	05/01/92	---	25.66	6.30	19.36	
WT-11	WL	06/11/92	1626	25.66	6.06	19.60	
WT-11	WL	07/07/92	1300	25.66	6.09	19.57	
WT-11	WL	08/31/92	1150	25.66	5.60	20.06	

**Table 8.--Water-level data collected at the Defense Fuel Supply Point and adjacent properties, Hanahan, S.C., between April 1991 and September 1995--Continued**

[ft, feet; ---, data not available; WL, water-level well; EW, extraction well; MW, monitoring well; SW, surface-water site; -, negative depth to water indicates water-level altitude is above measuring point]

Site (plate 1)	Site type	Date	Time	Measuring-point altitude (ft above sea level)	Depth to water (ft below measuring point)	Water-level altitude (ft above sea level)	Remarks
WT-11	WL	10/07/92	1205	25.66	5.41	20.25	
WT-11	WL	10/28/92	1525	25.66	5.65	20.01	
WT-11	WL	12/03/92	1205	25.66	5.45	20.21	
WT-11	WL	01/04/93	1130	25.66	5.85	19.81	
WT-11	WL	02/04/93	1210	25.66	5.13	20.53	
WT-11	WL	03/05/93	1150	25.66	5.17	20.49	
WT-11	WL	03/30/93	1108	25.66	4.95	20.71	
WT-11	WL	05/06/93	1135	25.66	5.45	20.21	
WT-11	WL	05/28/93	1126	25.66	5.82	19.84	
WT-11	WL	07/07/93	1145	25.66	6.07	19.59	
WT-11	WL	08/06/93	1136	25.66	6.27	19.39	
36-inch recovery well	WL	04/30/91	0940	34.93	13.15	21.78	
36-inch recovery well	WL	05/28/91	---	34.93	13.47	21.46	
36-inch recovery well	WL	08/06/91	---	34.93	11.80	23.13	
36-inch recovery well	WL	08/30/91	---	34.93	11.33	23.60	
36-inch recovery well	WL	09/27/91	---	34.93	12.98	21.95	
36-inch recovery well	WL	10/29/91	---	34.93	14.08	20.85	
36-inch recovery well	WL	12/02/91	---	34.93	14.79	20.14	
36-inch recovery well	WL	01/02/92	---	34.93	14.82	20.11	
36-inch recovery well	WL	02/04/92	---	34.93	15.14	19.79	
36-inch recovery well	WL	03/06/92	---	34.93	14.97	19.96	
36-inch recovery well	WL	03/31/92	---	34.93	14.86	20.07	
36-inch recovery well	WL	05/01/92	---	34.93	14.92	20.01	
36-inch recovery well	WL	05/14/92	1048	34.93	15.16	19.77	

**Table 9.**--Analytical results for volatile organics, extractable organics, and metals detected in lake-bottom-sediment samples collected from Gold Cup Springs Lake, Hanahan, S.C., February 8, 1994

[ $\mu\text{g/kg}$ , microgram per kilogram;  $\text{mg/kg}$ , milligram per kilogram]

Sample location (plate 1)	Methylene chloride ( $\mu\text{g/kg}$ )	Chromium ( $\text{mg/kg}$ )	Lead ( $\text{mg/kg}$ )	Zinc ( $\text{mg/kg}$ )
Outfall-1	17	4.0	54	14
Outfall-1R	19	7.8	3.5	5.4
Input-2	15	2.5	3.9	14
Lake Center	12	3.5	6.5	5.9

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## **APPENDIX**

Lithologic descriptions of sediment recovered from boreholes at the Defense Fuel Supply  
Point property, Hanahan, S.C.

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**Appendix--Lithologic descriptions of sediment recovered from boreholes at the Defense Fuel Supply Point property, Hanahan, S.C.**

**Borehole DV-4**

[Approximate land-surface altitude at borehole DV-4 is 34.9 feet above sea level. All depths are reported in feet below land surface. Borehole location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-0.3	Gravel
0.3-1.6	Sand, brown to grayish brown
1.6-2.1	Sand, light gray
2.1-2.6	Sand, dark gray
2.6-3.8	Sand, light gray; becoming browner near base of interval
3.8-4.8	Sand, brownish gray
4.8-5.9	Sand, gray
5.9-6.4	Clayey sand, gray
6.4-6.9	Sandy clay, gray
6.9-7.6	Clay, gray
7.6-9.3	Sand, gray, becoming whiter near base of interval
9.3-9.7	Clay, gray
9.7-10.0	Sandy clay, gray
10.0-14.0	Sand, gray

**Borehole 56-E**

[Approximate land-surface altitude at borehole 56-E is 32.5 feet above sea level. All depths are reported in feet below land surface. Borehole location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-10.0	Not sampled
10.0-10.8	Sand, light grayish brown; fine-grained; mottled with brown sand
10.8-11.4	Sand, light gray; fine-grained; mottled with reddish-brown sand
11.4-12.0	Sand, grayish brown; fine-grained; mottled with reddish-brown sand
12.0-12.7	Sand, gray; fine-grained, and clayey sand, brownish gray; with discrete areas of black-stained sand
12.7-13.3	Silty sand, grayish brown; fine-grained
13.3-13.9	Clayey sand, light to dark gray; fine-grained; mottled with brown clayey sand
13.9-14.5	Sandy clay
14.5-15.0	Sandy clay, gray to grayish brown sand; fine-grained
15.0-15.5	Sand, grayish brown; fine-grained
15.5-16.7	Sand, brownish gray; fine-grained; with silty matrix
16.7-17.3	Silty sand, fine- to medium-grained; with patches of loose sand
17.3-18.0	Sand, gray; fine-grained; loose
18.0-18.5	Sand, gray; fine- to medium-grained; loose
18.5-19.1	Sand, gray; fine- to medium-grained; abundant mica; gray and black minerals present
19.1-21.6	Sand, gray; fine-grained; loose; gray and black minerals present
21.6-23.0	Sand, gray; medium-grained; loose; gray and black minerals present

**Borehole 56-F**

[Approximate land-surface altitude at borehole 56-F is 35.6 feet above sea level. All depths are reported in feet below land surface. Borehole location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-10.0	Not sampled
10.0-10.8	Sand, grayish brown; fine-grained; loose; dark minerals present
10.8-11.4	Sand, grayish brown; medium-grained; loose; dark minerals present
11.4-12.0	Sand, brownish gray; fine-grained; loose
12.0-12.9	Clayey sand, medium gray; fine-grained
12.9-13.5	Clay, gray
13.5-14.0	Clay, gray; to sand, gray

**Borehole 56-I**

[Approximate land-surface altitude at borehole 56-I is 36.2 feet above sea level. All depths are reported in feet below land surface. Borehole location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-10.0	Not sampled
10.0-10.2	Sand, grayish brown; fine-grained
10.2-10.8	Sand, grayish brown; fine- to medium-grained
10.8-12.0	No recovery
12.0-12.8	Sandy clay to clay, grayish brown
12.8-13.4	Clay, grayish brown
13.4-14.0	Clay, gray; to clayey sand, gray
14.0-14.6	Sand, gray; medium-grained; loose
14.6-15.2	Sand, gray; very fine- to fine-grained
15.2-15.8	Sand, gray; fine- to medium-grained; slightly silty
15.8-16.4	Sand, gray; fine-grained
16.4-17.0	Sand, gray; fine-grained; with some clay
17.0-17.3	Sand, gray; fine- to medium-grained
17.3-18.6	Sand, gray; fine-grained
18.6-20.0	No recovery
20.0-20.6	Sand, gray; fine- to medium-grained
20.6-21.3	Sand, gray; fine-grained
21.3-22.0	Sand, gray; fine- to medium-grained
22.0-22.8	Sand, gray; fine-grained



**Borehole 56-J**

[Approximate land-surface altitude at borehole 56-J is 35.5 feet above sea level. All depths are reported in feet below land surface. Borehole location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-10.0	Not sampled
10.0-10.6	Sand, grayish brown; fine-grained; with discrete patches of orangish-brown staining
10.6-13.0	Sand, gray; medium-grained; with discrete patches of orangish-brown staining
13.0-13.5	Silty sand, gray; fine-grained
13.5-14.0	Sandy clay to clay, gray
14.0-14.2	Clay to sandy clay, gray
14.2-14.7	Clay, gray
14.7-15.2	Clay to sandy clay, gray
15.2-15.8	Silty sand, gray; fine-grained
15.8-16.4	Sandy clay, gray
16.4-17.0	Sandy clay, gray; to clayey sand, gray; fine- to medium-grained
17.0-17.3	Silty sand, gray; very fine-grained
17.3-17.9	Sand, gray; fine- to medium-grained
17.9-19.3	Sand, grayish brown; fine-grained
19.3-20.0	Sand, grayish brown; fine- to medium-grained; abundant dark minerals
20.0-21.0	Sand, gray; fine-grained
21.0-22.5	Sand, light gray; fine-grained

### Well MWGS-27C

[Approximate land-surface altitude at well MWGS-27C is 35.6 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

Depth (feet)	Lithologic description
0.0-0.5	Not sampled
0.5-1.5	Sand, orange brown; fine-grained; partially cemented
1.5-1.9	Sand, light brown; fine-grained; less cemented than above
1.9-2.0	Sand, dark brown; fine-grained; loose
2.0-2.3	Sand, very light brown; fine-grained; with a sharp bottom contact
2.3-3.0	Sand, dark brown; fine-grained; with thin layers of lighter and darker sand lenses
3.0-3.2	Sand, light brown; fine-grained; partially cemented
3.2-4.2	Sand, light reddish brown; fine-grained; loose
4.2-4.5	Sand, fine-grained; with very dark brown stains
4.5-5.5	Sand, light brown; fine-grained; becomes paler with depth
5.5-5.6	Sand, fine-grained; with very dark brown stains
5.6-5.9	Sand, pale brown; fine-grained
5.9-6.8	Sand, pale brown; fine-grained; loose
6.8-7.0	Clayey sand, gray; fine-grained
7.0-7.4	Sand, light brown; fine-grained; partially cemented
7.4-8.4	Sand, brown; fine-grained; loose
8.4-8.7	Sand, very dark brown; fine-grained
8.7-9.2	Sand, white; fine-grained; loose
9.2-9.5	Sand, dark brown to white; fine-grained; partially cemented white sand at base
9.5-10.5	Sand, white; fine-grained; with discrete patches of orangish-brown stained sand; loose
10.5-11.0	Sand, white; fine- to medium-grained; loose
<b>Note: 11.0-13.0 feet is missing 6 inches, so depths may be slightly off for that interval.</b>	
11.0-12.5	Sand, white; fine-grained; with diffuse and discrete patches of orangish-brown stained sand
12.5-13.0	Clayey sand, grayish brown
13.0-13.3	Sand, brownish gray; fine-grained
13.3-14.0	Sandy clay, gray; increasing clay content with depth
14.0-14.9	Clay, gray

**Well MWGS-27C--Continued**

[Approximate land-surface altitude at well MWGS-27C is 35.6 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
14.9-16.1	Sand, grayish brown; fine-grained; loose
16.1-16.9	Clayey sand, gray; very fine-grained
16.9-17.2	Sand, gray; fine-grained
17.2-17.3	Clay, gray
17.3-25.0	Sand, gray; fine-grained; becomes darker with depth

**Well MWGS-28E**

[Approximate land-surface altitude at well MWGS-28E is 35.2 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-10.0	Not sampled
10.0-10.6	Sand, light brown; fine- to medium-grained
10.6-12.0	Sand, grayish brown; fine- to medium-grained; with discrete patches of reddish-brown stained sand
12.0-12.7	Sand, gray; fine-grained; with patches of black stained sand
12.7-13.5	Clayey sand
13.5-14.3	Sand, brownish gray; fine-grained; light silty matrix
14.3-15.1	Sand, brownish gray; fine-grained
15.1-16.0	Silty sand, brownish gray; fine-grained
16.0-16.7	Sandy clay, grayish brown
16.7-17.3	Clay, grayish brown
17.3-17.9	Sandy clay, gray
17.9-18.5	Silty sand, brownish gray; fine-grained
18.5-19.0	Clayey sand, brownish gray; fine- to medium-grained
19.0-19.4	Sand, grayish brown; silty matrix
19.4-20.1	Clayey sand, grayish brown; very fine-grained
20.1-20.8	Sand, grayish brown; medium-grained
20.8-21.5	Sand, grayish brown; very fine- to fine-grained
21.5-22.0	No recovery
22.0-23.0	Sand, grayish brown; medium-grained; loose
23.0-25.0	Sand, grayish brown; fine-grained; loose

**Well MWGS-33B**

[Approximate land-surface altitude at well MWGS-33B is 34.9 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-2.0	Not sampled
2.0-2.3	Sand, dark brown
2.3-4.0	Sand, tan
4.0-4.6	Sand, dark brown
4.6-5.2	Sand, tan
5.2-6.0	Silty sand, reddish brown; with a sharp upper contact
6.0-18.4	Sand, gray; with a greenish tint from 13.0 to 13.1 feet
18.4-20.0	Sand, gray; with 1-inch thick interspersed bands of brown sand
20.0-21.3	Sand, gray
21.3-22.0	Sandy clay, gray; sharp contact with above sand
22.0-22.2	No recovery
22.2-22.4	Sand, brown
22.4-23.3	Sand, gray
23.3-23.5	Sandy clay, reddish gray
23.5-24.0	Clayey sand, gray
24.0-24.3	Clayey sand, brown
24.3-26.0	Slightly clayey to clayey sand, gray; with gray clay layer from 25.7 to 25.8 feet
26.0-26.5	Silty sand, gray
26.5-26.7	Silty sand, brown
26.7-27.7	Sand, gray
27.7-27.8	Clayey sand, gray
27.8-28.0	Sand, brown
28.0-28.8	Clayey sand, grayish brown
28.8-28.9	Clay, gray
28.9-30.3	Sand, gray
30.3-30.8	Sand, very coarse; with some black staining
30.8-32.0	Clayey sand, gray; with shells and pebbles

**Well MWGS-33B--Continued**

[Approximate land-surface altitude at well MWGS-33B is 34.9 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

Depth (feet)	Lithologic description
32.0-33.6	Clayey sand; poorly sorted
33.6-36.0	Clayey silt, gray green

**Well MWGS-34A**

[Approximate land-surface altitude at well MWGS-34A is 34.5 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-0.7	Sand, reddish brown
0.7-1.0	Clayey sand, orange brown
1.0-2.3	Sand, reddish brown to dark brown
2.3-4.0	Sand, tan
4.0-5.0	Sand, gray
5.0-6.0	No recovery
6.0-8.4	Sand, gray; loose
8.4-10.0	No recovery
10.0-17.7	Sand, gray; loose
17.7-17.8	Sand, brown
17.8-19.3	Sand, gray
19.3-19.7	Sand, light brown; with sharp upper contact
19.7-20.0	Sand, reddish brown; with very thin layers of gray clay
20.0-21.4	Sand, gray
21.4-22.0	Sand, brown
22.0-22.8	Sand, brown; slightly clayey
22.8-23.0	Sand, pinkish; with very thin layers of gray clay
23.0-24.0	No recovery
24.0-25.4	Sand, pinkish; with very thin lenses of gray clayey sand
25.4-26.0	Sand, reddish brown; with gray sand lens between 25.5 and 25.55 feet and black staining between 25.6 and 25.7 feet
26.0-28.5	Sand, reddish brown; with patches of gray clay
28.5-28.6	Clay, brownish gray
28.6-28.8	Ironstone, brownish red; with shells and fossils
28.8-29.0	Sand, yellowish brown; partially cemented
29.0-30.0	Sand, gray; with black cobbles and white shell fragments
30.0-31.3	Sand, gray; with pebbles
31.3-32.0	Clayey silt, gray green

**Well MWGS-34B**

[Approximate land-surface altitude at well MWGS-34B is 34.5 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-4.0	Not sampled
4.0-4.2	Sand, dark brown
4.2-8.0	Sand, tan
8.0-20.9	Sand, gray to dark gray
20.9-22.0	Sand, brown.
22.0-23.1	Sand, grayish brown
23.1-24.0	Sand, reddish brown; some silt matrix and slight iron cementation
24.0-24.9	Sand, grayish brown
24.9-26.0	Clayey sand, reddish brown

**Well MWGS-35**

[Approximate land-surface altitude at well MWGS-35 is 34.4 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-9.0	Not sampled
9.0-10.4	Sand, gray
10.4-11.0	Sand, brown
11.0-11.6	Sandy clay, gray
11.6-12.6	Clay, gray
12.6-13.3	Sandy clay, gray
13.3-14.3	Sand, gray
14.3-14.9	Sandy clay, gray
14.9-15.5	Sand and clay, gray
15.5-16.2	Clay, gray
16.2-19.2	Sand, gray, with gray clay layers from 18.6 to 18.7 feet and 19.0 to 19.2 feet
19.2-21.0	Sand, grayish tan



**Well MWGS-36**

[Approximate land-surface altitude at well MWGS-36 is 34.8 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-8.5	Not sampled
8.5-9.1	Sand, gray
9.1-9.3	Clay, gray
9.3-9.5	Sand, gray
9.5-10.0	Clay, gray
10.0-10.9	Sand, gray
10.9-11.5	Clay, gray
11.5-12.5	Sand, gray
12.5-19.5	Sand, gray; with a greenish sand lens from 14.0 to 14.2 feet and a dark gray silt layer from 17.9 to 18.0 feet
19.5-20.0	Clayey sand, reddish brown
20.0-20.5	Clay, very dark brown
20.5-22.8	Sand, gray; with a dark brown sand lens from 21.2 to 21.3 feet
22.8-24.5	Clay, dark brown to gray
24.5-25.8	Clay, dark gray, plastic
25.8-26.5	Sand, light grayish brown to gray

**Well MWGS-37**

[Approximate land-surface altitude at well MWGS-37 is 34.4 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-8.0	Not sampled
8.0-8.8	Sand, light brown
8.8-9.3	Sand, gray; with a gradational upper contact
9.3-10.0	Clay, gray; tight and plastic
10.0-11.0	Sand, gray; with a clay lens from 10.3 to 10.4 feet
11.0-11.3	Clay, gray
11.3-11.4	Sand, gray
11.4-12.0	Clay, gray
12.0-12.1	Sand, gray
12.1-12.4	Clayey sand, gray; with basal layer of brown gravel
12.4-17.1	Sand, light gray to gray; loose; with green staining at 13.3 and 13.5 feet; brown staining and clay nodule at 16.6 feet
17.1-17.3	Sand, gray; loose; with thin layers of clay interspersed
17.3-18.0	Sand, grayish tan to grayish brown
18.0-19.2	Sand, grayish brown
19.2-19.4	Sand, brown
19.4-20.0	Sand, gray

**Well MWGS-38**

[Approximate land-surface altitude at well MWGS-38 is 34.0 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-8.0	Not sampled
8.0-8.9	Sand, reddish brown
8.9-10.6	Sand, tan
10.6-10.8	Clayey sand, grayish brown
10.8-11.0	Sand, grayish brown
11.0-11.1	Clayey sand, gray
11.1-11.9	Clay, gray
11.9-12.0	Clayey sand, gray
12.0-12.2	Clay, gray
12.2-12.3	Sand, gray
12.3-12.7	Sandy clay, gray
12.7-13.6	Sand, gray
13.6-14.2	Clay, gray
14.2-24.0	Sand, gray

**Well MWGS-39**

[Approximate land-surface altitude at well MWGS-39 is 36.3 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-6.0	Not sampled
6.0-8.0	Sand, tan
8.0-9.0	Sand, brown; with black staining between 8.9 and 9.0 feet
9.0-10.0	Sand, tan; silty from 9.7 to 9.8 feet
10.0-11.1	Sand, brown to tan
11.1-11.7	Sand, tan
11.7-11.8	Sandy clay, reddish brown
11.8-12.0	Sandy clay, gray and red
12.0-12.6	Clay, maroon
12.6-13.1	Sandy clay, gray with brown patches
13.1-14.0	Sand, gray; loose
14.0-14.4	Sandy clay, brown
14.4-14.6	Sand, gray
14.6-15.1	Sand, grayish brown to gray; slight clay matrix
15.1-15.6	Sand, tan; slight clay matrix
15.6-20.0	Sand, gray; loose
20.0-24.0	Sand, grayish brown to gray
24.0-25.1	Sand, gray to black
25.1-25.7	Clay, gray to brown
25.7-26.0	Sandy clay, gray

**Well MWGS-44**

[Approximate land-surface altitude at well MWGS-44 is 34.3 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-2.0	Not sampled
2.0-3.2	Sand, gray to brown; fine-grained; mottled; with clayey sand nodules
3.2-3.6	Sand, black; fine-grained
3.6-4.0	No recovery
4.0-5.0	Sand, light brown; fine-grained; with clay nodules located at the top
5.0-5.5	Sand, gray; fine-grained
5.5-6.0	No recovery
6.0-7.0	Sand, light gray; fine-grained
7.0-7.9	Silty sand, gray
7.9-8.0	No recovery
8.0-8.9	Silty sand, dark to very dark gray; mottled
8.9-9.3	Sand, tan; very fine-grained
9.3-10.0	No recovery
10.0-10.3	Sand, tan; very fine-grained
10.3-11.3	Silty sand, dark gray
11.3-11.8	Silty clay, dark grading to light gray; very tight
11.8-12.0	No recovery
12.0-12.2	Clayey silt, light gray
12.2-12.8	Clay, light gray; dense
12.8-13.0	Silty sand, gray
13.0-13.2	Clay, light gray; dense
13.2-13.6	Sand, light gray; very fine-grained
13.6-14.0	No recovery
14.0-14.4	Silty sand, gray
14.4-14.6	Sand, gray; fine-grained
14.6-15.3	Clay, gray; dense; with a trace of silt

**Well MWGS-44--Continued**

[Approximate land-surface altitude at well MWGS-44 is 34.3 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
15.3-19.8	Sand, light gray; fine- to very fine-grained; with a clayey sand layer between 18.7 and 18.8 feet
19.8-20.0	No recovery
20.0-21.9	Sand, light gray; very fine-grained
22.0-22.3	Sand, tan; very fine-grained
22.3-24.0	Sand, light gray; very fine-grained

**Well MWGS-51**

[Approximate land-surface altitude at well MWGS-51 is 34.2 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-8.0	Not sampled
8.0-9.3	Sand, dark to medium gray; fine-grained
9.3-10.0	No recovery
10.0-11.4	Sand, dark gray to brown; very fine-grained; mottled; with some silt
11.4-12.0	No recovery
12.0-12.3	Silty sand, very dark gray
12.3-13.4	Clay, dark to light gray; mottled
13.4-13.8	Clayey sand, gray
13.8-14.0	No recovery
14.0-14.1	Silty sand, grayish brown
14.1-14.7	Sand, light gray
14.7-16.0	Sandy to silty clay; with a small sand lens at 15.3 feet
16.0-16.2	Silty sand, dark gray
16.2-17.7	Sand, light gray; fine-grained
17.7-18.0	No recovery
18.0-19.8	Sand, light to medium gray; fine-grained; with intermittent clay bands at bottom

**Well MWGS-55**

[Approximate land-surface altitude at well MWGS-55 is 34.5 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-4.0	Not sampled
4.0-5.8	Sand, gray to brownish gray; some mottling
5.8-6.0	No recovery
6.0-7.5	Sand, light gray; bottom 0.5 feet is darker
7.5-8.0	No recovery
8.0-8.4	Sand, medium to light gray; fine-grained
8.4-10.5	Silty sand, dark to very dark gray; with a trace of clay between 10.0 to 10.5 feet
10.5-11.5	Clayey sand, light gray; some organic material intermixed
11.5-11.9	Clay, very tight; with a trace of sand
11.9-12.0	No recovery
12.0-12.3	Silty sand, dark gray
12.3-12.6	Clayey sand, light gray
12.6-13.0	Sand, light gray
13.0-13.5	Clayey sand, light gray; with clay lens at bottom
13.5-14.0	No recovery
14.0-14.2	Sand, light gray
14.2-14.5	Clay; tight; with a trace of sand
14.5-14.8	Sandy clay
14.8-15.8	Sand, light gray; some mottling



**Well MWGS-62**

[Approximate land-surface altitude at well MWGS-62 is 34.4 feet above sea level. All depths are reported in feet below land surface. Well location is shown in plate 1.]

<b>Depth (feet)</b>	<b>Lithologic description</b>
0.0-2.0	Not sampled
2.0-3.8	Sand, gray to brownish; medium- to fine-grained; mottled
3.8-4.0	No recovery
4.0-5.7	Sand, gray to light gray; very fine-grained; some organic material
5.7-6.0	No recovery
6.0-6.4	Sand, gray; very fine-grained; intermixed with small patches of brown sand
6.4-7.0	Sand, brown
7.0-7.5	Sand, very dark gray; with some silt
7.5-7.8	Sand, dark gray
7.8-8.0	No recovery
8.0-8.3	Sand, brown
8.3-9.6	Sand, dark to very dark gray
9.6-10.0	No recovery
10.0-10.5	Silty sand, dark gray; intermixed with very dark silt
10.5-11.8	Clay; tight; plastic; intermixed with organic material; very fine-grained, light gray sand at bottom
11.8-12.0	No recovery
12.0-12.6	Sand, light gray; very fine-grained
12.6-14.0	Clayey sand; intermixed with thin lenses of sand
14.0-15.6	Sand, gray to light gray
15.6-16.0	No recovery
16.0-17.5	Sand, very light gray