GROUND-WATER QUALITY AND AVAILABILITY

IN GEORGIA FOR 1984

by

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GEORGIA GROUND-WATER MANAGEMENT PROGRAM

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1.0 INTRODUCTION

1.1 PURPOSE

On July 1, 1984, the Georgia Environmental Protection Division (EPD) embarked on a Ground-Water Management Plan. This management plan consists of two principal parts, namely:

(1) Identification and coordination of key activities that EPD conducts (or needs to conduct) to control and regulate potential pollution sources of ground-water contamination.

(2) Development of a monitoring program to provide background water quality and quantity data on the State's major aquifers on a continuing basis and to identify changes of significance.

The ground-water management plan was designed exclusively for Georgia and the rules promulgated under Georgia's environmental statutes.

One part of Georgia's Ground-Water Management Plan is the publication of a report summarizing the availability and quality of ground water in the State each calendar year. By August 31 of each year, analyses of the State-wide ground-water monitoring network and data from other EPD ground-water programs for the preceeding year are incorporated into a report.

This report summarizes ground-water availability and quality information for Georgia in calendar year 1984*. Since this is the first of a plannned annual series of summary ground-water reports, the information presented in the following sections will serve as a reference point or benchmark for all future editions of this circular series 12.

*Water use information will be provided for calendar year 1983; see SECTION 2.1 for explanation.

1.2 EPD PERMIT PROGRAMS

The permit process is the primary tool used by EPD for environmental resource management and allocation. This enables EPD to prevent aquifer contamination through its permit programs which include proper siting, construction, and operation of the following:

(a) public supply wells,
(b) industrial wells withdrawing more than 100,000 gpd.
(c) injection wells of all types,
(d) oil and gas deep drilling (and oil and gas production),
(e) sanitary landfills,
(f) hazardous waste treatment, storage, and disposal facilities,
(g) municipal and industrial land treatment facilities for wastewater and wastewater sludges,
(h) municipal and industrial discharges to streams and rivers, and
(i) storing, concentrating, or burying radioactive waste.

1.3 MONITORING OF GROUND-WATER QUALITY AND AVAILABILITY

EPD performs two types of monitoring: namely, aquifer monitoring and facilities surveillance. Aquifer monitoring is designed to assess the State's ground-water resources including their susceptibility to pollution. Aquifer monitoring includes the following activities:

(a) The Georgia Ground-Water Monitoring Network is described in this document. Network monitoring involves measurements of both water quality and quantity.

(b) Aquifer (water-level) measurements are performed cooperatively by the United States Geological Survey and the Georia Geologic Survey. This involves about 1,500 wells that are typically monitored on a twice yearly basis.

(c) Water-quality monitoring of public water systems is conducted by EPD once every three years. Larger systems are monitored at more frequent intervals.

Facilities surveillance, on the other hand, involves monitoring those facilities regulated by environmental permits. These include the following:

(a) Water-quality monitoring of both active and abandoned hazardous waste facilities on quarterly and yearly basis.

(b) Ground and surface water quality monitoring in the vicinity of many sanitary landfills on at least an annual basis.

(c) Water-quality monitoring at municipal and industrial wastewater land disposal operations on at least an annual basis.

(d) Water-quality monitoring of selected wells and/or systems in "sinkhole" areas on an annual basis.

1.4 WHAT IS GROUND WATER?

Ground water is that part of the water found below the land surface which exists in the saturated pores of soils and rocks. This is the water that, under the right conditions of permeability of geologic materials, is generally produced from water wells.

The water table is the level below land surface at which the pore spaces of geologic materials first become completely saturated. At the water table, water pressure equals atmospheric pressure. Water pressures become greater below the water table. Ground water in the permeable zone immediately below the water table is referred to as unconfined. The elevation of water in wells completed in unconfined aquifers is determined by the water table. Where water in a permeable zone is trapped between two relatively impermeable layers, the ground water is referred to as confined (or under artesian conditions). Water in wells completed in confined aquifers rises above the top of the permeable zone because of the artesian pressure.

Ground water in Georgia occurs in a variety of conditions characterized by the varying geology of the State. North of the Fall Line, including crystalline rocks of the Piedmont and Blue Ridge Provinces

and the sedimentary rocks of the Valley and Ridge and Cumberland Plateau Provinces, ground water generally exists under unconfined conditions. Most commonly, this ground water is in the saturated pore spaces of shallow unconsolidated alluvium or weathered rock, or in the fractures of unweathered bedrock. South of the Fall Line in the Coastal Plain Province of Georgia, ground water exists under unconfined and confined conditions. It is not uncommon for there to be one water table aquifer and several confined aquifers beneath a single location. This is because of the variety of geologic materials in the relatively flat-lying layers that are characteristic of the Coastal Plain Province.

Above the water table, water is generally present in the unsaturated pore spaces of soil and rock materials. Because of capillary and other forces, this water is at less than atmospheric pressure and is not produced in typical water wells. Although not technically considered ground water, this water in the unsaturated (or vadose) zone is extremely important to ground-water quality. Movement of water through the vadose zone recharges ground-water aquifers. Therefore, contamination of water in the vadose zone can lead to ground-water contamination

Not all ground water is of good enough quality to be used for human consumption and needs. Ground-water quality may be poor because of natural causes or activities. Water having high chloride concentrations underlies most of the Coastal Plain Province beneath fresh-water aquifers. Locally, ground water may be unusable because of suspended organic material, naturally high radioactivity, naturally high iron or other metals content, or other reasons. Activities affecting ground-water quality include waste disposal at landfill sites, injection of liquids into wells, application of fertilizers and pesticides to the land, and overpumping of ground water in sensitive areas.

1.5 SUMMARY REPORT FORMAT

This report consists of five sections dealing with ground-water use and quality, as follows:

- Ground-Water Use in Georgia (1983),
- Ground-Water Quality Monitoring Programs of Drinking Water Aquifers,
- Facilities Monitoring,
- Ground-Water Withdrawal Permits,
- Technical Investigations.

A complementary report, Ground-Water Data for Georgia, 1984, is available from the U.S. Geological Survey as Open-File Report 85-331. The report describes ground-water availability monitoring programs maintained jointly by the U.S. Geological Survey and the Georgia Geologic Survey.

2.0 GROUND-WATER USE IN GEORGIA, 1983

2.1 INTRODUCTION

In 1980, the Georgia Water Use Program, a cooperative project of the Georgia Geologic Survey and the U.S. Geological Survey, estimated total ground-water use in Georgia to be about 1,150 million gallons per day (mgd). Nearly ninety percent of this occurred in the Coastal Plain Province. This was about fifty percent of the total water use for the State if cooling water for thermoelectric generation is excluded.

The following discussion of water use is based on 1983 water use data reported by ground-water withdrawal permit holders, the Cooperative Extension Service's 1984 Irrigation Survey, the 1983 Georgia Irrigation Reporting System (GIRS) reports, and the Georgia Water Use Program's comprehensive water use estimates from 1980. Because of the staggered reporting periods for ground-water use permits, 1984 usage statistics for municipalities and industries were not available for analysis until the Fall of 1985, after the manuscript had been submitted for review. Summary data for irrigation are not available for 1983, so 1984 statistics are used.

Water use can be categorized by type of user. For this report, the following categories are used:

(a) public supply (municipal, county, and private water suppliers),
(b) self-supplied industrial,
(c) irrigation,
(d) rural domestic and livestock, and
(e) thermoelectric power generation.

Figure 2-1 illustrates the general breakdown between the use of surface and ground water for Georgia's physiographic provinces for the year 1980.

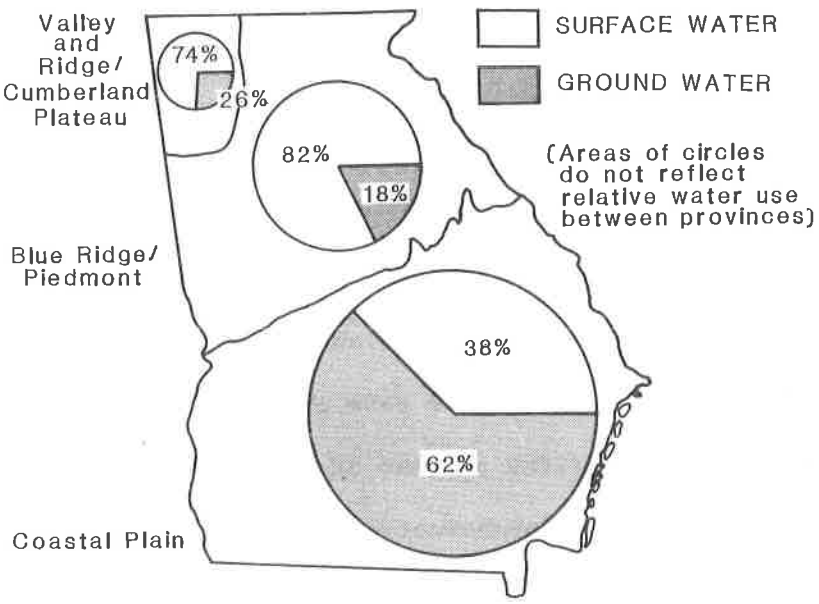


Figure 2-1 Water Use by Physiographic Province, 1980

2.2 PUBLIC SUPPLY GROUND-WATER USE

Forty-eight percent of Georgia's population relies on ground water for their domestic needs. Half of these people are served by a public supplier. In 1983, public supply ground-water withdrawals totalled approximately 184 mgd, some twenty-four percent of total 1983 public supply water use. Ninety-five percent of these withdrawals were from Coastal Plain aquifers (Figure 2-2), with sixty percent coming from the Floridan aquifer system (also known as the Principal Artesian aquifer system).

From 1950 to 1980, Georgia's population increased sixty percent, but public supply water use (ground water and surface water) increased 230 percent. Ground-water use increased 420 percent over this period. This was due in part to increases in the amount of water used by each person, in part to the increased percentage of the population served by public supply systems, and in part to increases in the amount of water sold to industrial and commercial facilities by public suppliers.

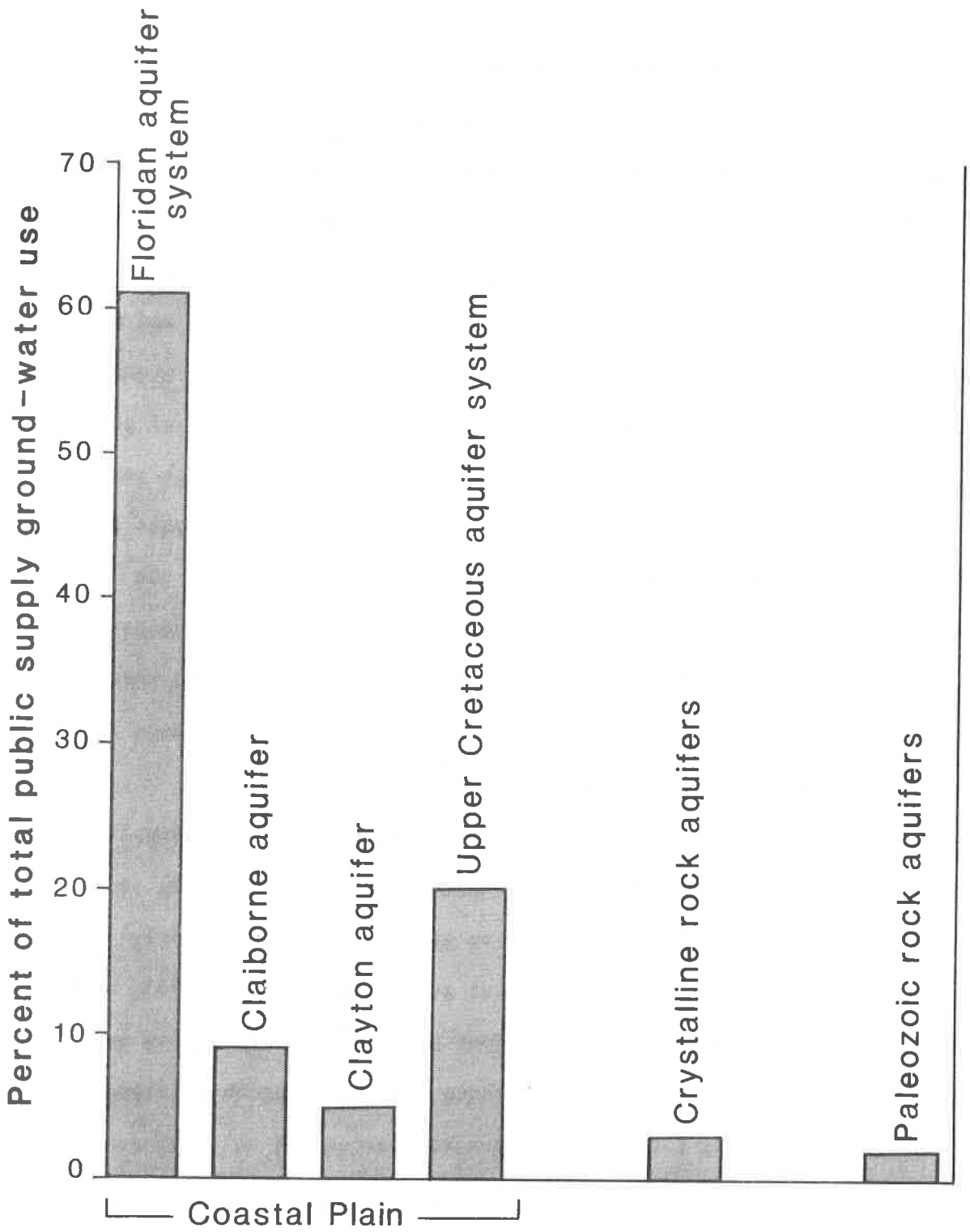


Figure 2-2 Public Supply Ground-Water Use in 1983.

2.3 SELF-SUPPLIED INDUSTRIAL WATER USE

There are sixty-nine industrial locations in Georgia that withdraw more than 0.5 mgd from Georgia aquifer systems. These industries account for over ninety-five percent of all industrial ground-water withdrawals. In 1983, this amounted to approximately 331 million gallons of ground water withdrawn each day as compared to 353 mgd withdrawn in 1980 by these same industries. Overall changes with ground-water withdrawals by industries are reflective of the amounts of goods produced, and consequently, the economic conditions during each year. In addition, some industries have made water conservation efforts such as water re-use, especially where declines of water levels in the aquifers have been significant. Ninety-nine percent of the industrial ground-water withdrawals occur in the Coastal Plain of Georgia where water-intensive industries settled because of the great abundance and easy accessibility of ground water.

Five major industrial groups encompass these major self-supplied industrial users: paper, chemicals, foods, textiles, and mining and mineral production. The paper industry group accounted for forty percent of all self-supplied industrial ground-water use in 1983, the chemicals industry group for thirty-four percent, and the mining and mineral production group for twenty-three percent. Together, these three industry groups totalled ninety-seven percent of all self-supplied industrial ground-water use in 1983. Changes in the distribution of ground-water withdrawals by the five major industrial groups for the years 1980 to 1983 are shown in Figure 2-3.

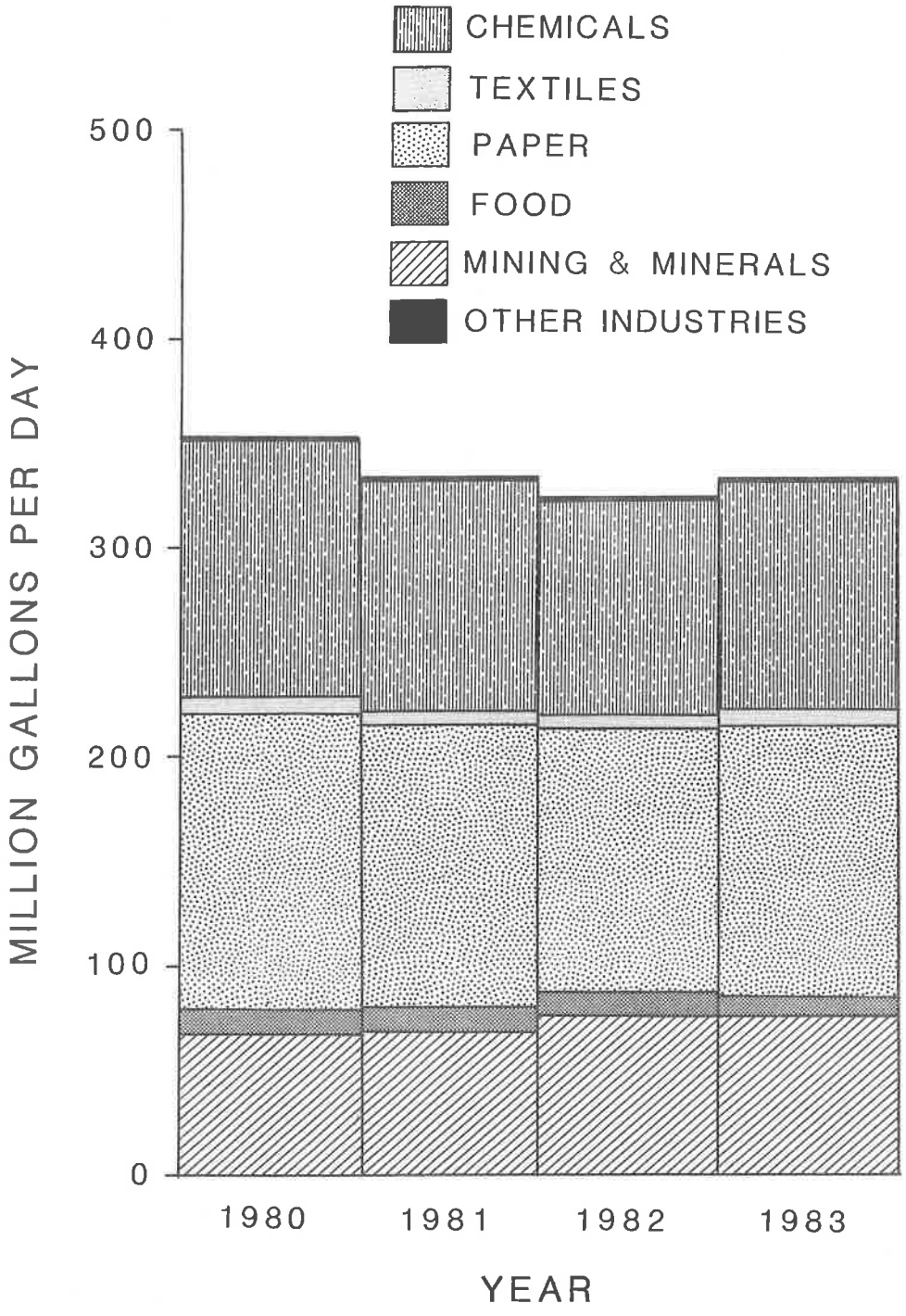


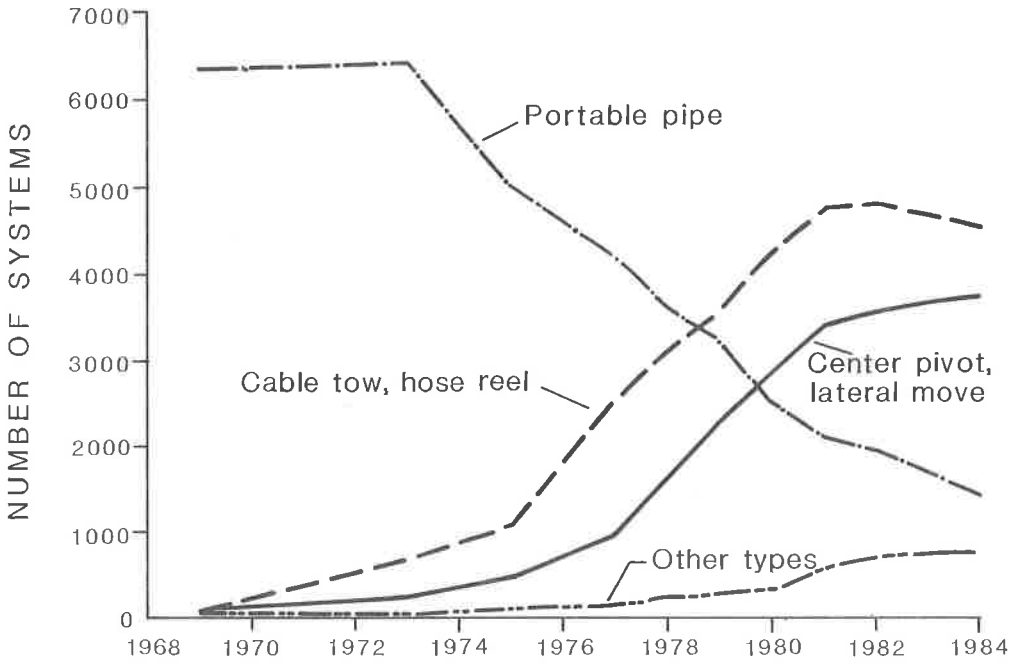
Figure 2-3 Industrial Ground-Water Withdrawals by Use

2.4 GROUND-WATER USE FOR IRRIGATION

The Cooperative Extension Service periodically estimates the amount of irrigation in Georgia by surveying their County Agents. This was last done in 1984. The total irrigated acreage for the State was estimated to be 1,069,221 acres, a seven percent increase since 1980. The Georgia Water Use Program estimated 1980 irrigation water use as 577 mgd, some sixty-five percent of which was ground water. If the same rate of application was used in 1984, irrigation water use was approximately 620 mgd. No estimate is available for 1983 acreage or use.

Ground-water use for irrigation is increasing faster than total irrigation use as farmers continue to shift from low-capacity systems, such as portable pipe and solid set, to center pivot systems (Figure 2-4). The higher pumping rates required by the new systems are easier to obtain from wells than farm ponds in many parts of the Coastal Plain, leading to a thirty-three percent increase in the number of systems supplied by wells between 1980 and 1984.

In 1983, approximately 1,750 irrigation systems were reported under the Georgia Irrigation System (GIRS). This represents about thirty-eight percent of the high-capacity systems inventoried by the Georgia Water Use Program in 1980. The GIRS is the only source of annual site-specific water use by this significant part of the State's water use picture. Even though the GIRS has by no means been successful in obtaining complete inventories of irrigation users, the program generates site-specific data on well construction, locations, and pumpage which can be used to estimate total irrigation use and use by aquifer.



* Data from the UGA Cooperative Extension Service Irrigation Surveys

Figure 2-4 Number of Irrigation Systems, by Type, in Georgia

2.5 OTHER GROUND-WATER USE

Rural water use was last estimated by the Georgia Water Use Program in 1980 as 166 mgd. Over ninety percent of this (155 mgd) was ground water: virtually all rural domestic use is from wells, as is a major portion of livestock water use. Rural use remains relatively constant, as rural populations and livestock populations are stable.

Thermoelectric power generation is the largest use category for Georgia, but only a very small amount of ground water is used. The major need for water in the industry is for cooling water, and surface water is used for cooling in all Georgia thermoelectric plants. Ground water is used only for boiler make-up water and sanitary supply in some plants, and total ground-water use by these plants totalled 3.07 mgd in 1983. Permitted surface-water withdrawals for the same year were 4.7 billion gallons per day.

3.0 GROUND-WATER QUALITY MONITORING PROGRAMS OF DRINKING WATER AQUIFERS

3.1 INTRODUCTION AND OVERVIEW

Extensive treatment of ground water is generally not necessary in Georgia, therefore the quality of samples from distribution systems reflects actual ground-water quality. Drinking water in community distribution systems is monitored for: sixteen common inorganics, six organics, turbidity, coliform bacteria, pH, and radioactivity.

Georgia's Ground-Water Monitoring Network was initiated, along with the Ground-Water Management Program, in July, 1984. The network functions as an 'early warning' system to detect pollution in Georgia's aquifers in areas where the aquifers are considered to be most susceptible. Currently, 127 wells and springs are included in the network. Analyses for the Ground-Water Monitoring Network vary according to the potential pollutants in each area of the State. Common analyses include tests for pollutants related to the paper industry and agricultural practices in south Georgia and the textile industry in north Georgia.

3.2 PUBLIC WATER SYSTEMS PROGRAM

EPD's Public Water Systems Program is responsible for monitoring water quality in the State's community and non-community water systems that use ground water. At mid-year 1984, there were 1,532 community systems and 1,295 non-community systems having permits issued by EPD to use ground water. Community systems are public water systems which serve at least 15 service connections used by year-round residents or regularly serve at least 25 year-round residents. Non-community water systems are public water systems which serve the transient public. Community systems are monitored at least once every three years for

sixteen common inorganics, four insecticides, and two herbicides (Refer to Table 3-1). In addition, community systems are required to monitor for: coliform bacteria (monthly), pH and turbidity (every two years), and radioactivity (every four years). Non-community systems are monitored for nitrate concentration at the time the system is permitted.

Table 3-1 Water Quality Standards for Drinking Water
(from Georgia's Rules for Safe Drinking Water)

Inorganic Contaminants	Max. Contaminant Levels (mg/L)	Organic Contaminants	Max. Contaminant Levels (mg/L)
Arsenic	0.05	Endrin	0.0002
Barium	1	Lindane	0.004
Cadmium	0.010	Methoxychlor	0.1
Chloride	250	Silvex (2,4,5-TP)	0.01
Chromium	0.05	Toxaphene	0.005
Copper	1	2,4-D	0.1
Iron	0.3		
Lead	0.05		
Manganese	0.05		
Mercury	0.002		
Nitrate (as N)	10		
Selenium	0.01		
Silver	0.05		
Sulfate	250		
Zinc	5		
Flouride	1.4 (@ 32.5°C) 2.4 (@ 12.0°C)		

Six hundred thirty-nine community water systems that utilize ground water were sampled for either inorganic or organic analyses by EPD regional offices for the Public Water Systems Program during 1984 (Refer to Figure 3-1). Only two systems had violations of the State's maximum contaminant levels. A Public Notification was issued by the State in both cases. The Gordon distribution system was found to have water containing elevated levels of lead. The lead source was identified (corrosive ground water apparently was dissolving lead from the gooseneck joints of the piping system) and the problem was corrected by

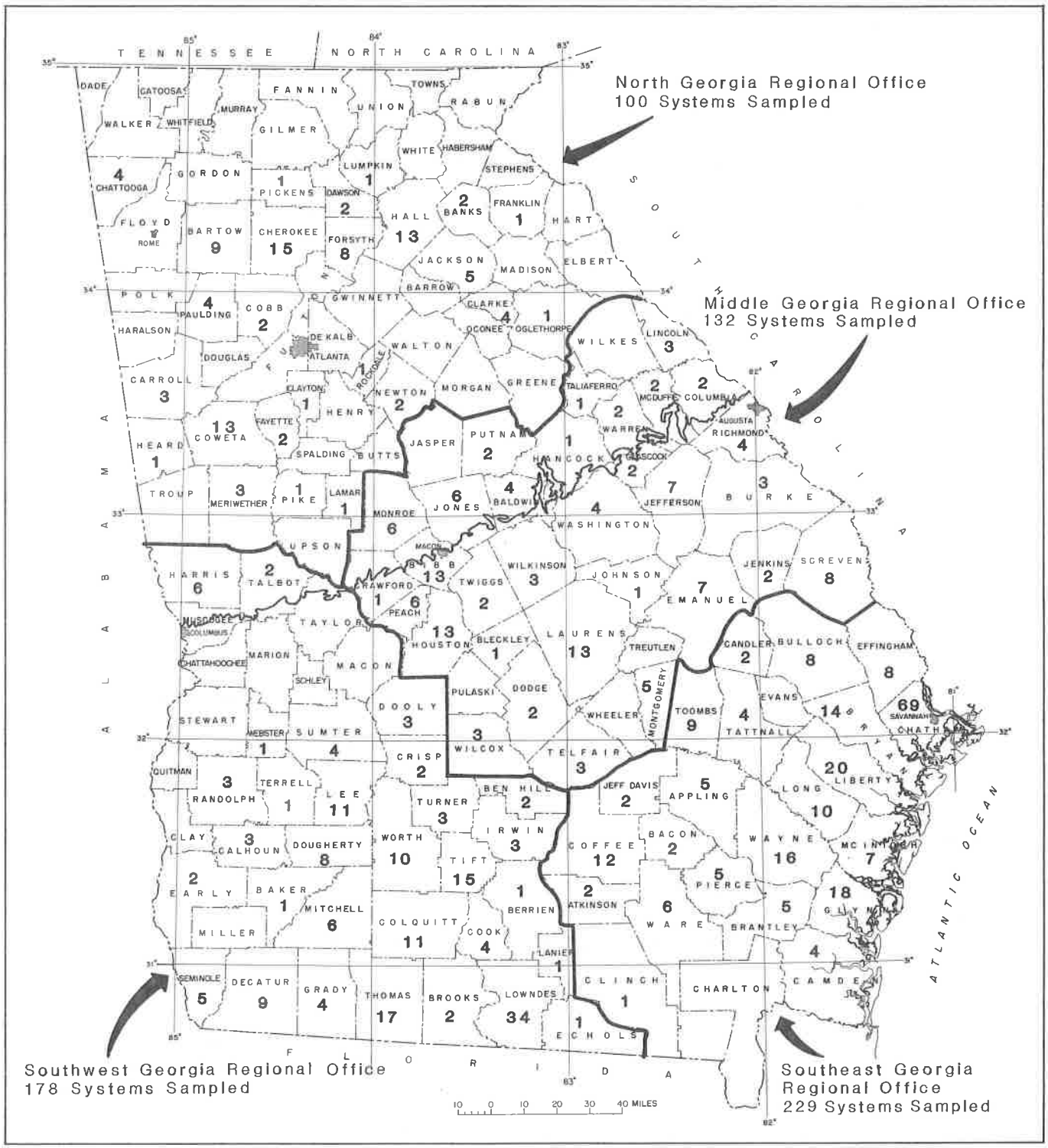


Figure 3-1 Number of Community Water Systems That Use Ground Water (by County) Sampled (Inorganics/Organics) for the Public Water Systems Program, 1984

adding a corrosion treatment process to the distribution system. Water from the Fitzgerald distribution system was found to have elevated concentrations of barium. The Public Water Systems Program required quarterly monitoring to investigate the contamination problem. Remedial actions are pending an assessment of the monitoring results.

All community systems were also required to monitor for bacterial contamination. Two hundred thirty-two systems reported some indication of bacterial occurrence. Forty-six systems had repeated violations. When follow-up sampling indicated continued bacterial occurrences, the Public Water Systems Program required the systems' operators to correct the problem by performing specific treatment to eliminate bacterial activity.

3.3 GEORGIA GROUND-WATER MONITORING NETWORK

There are 127 wells and springs, including five wells used for one station in coastal Georgia, that have been selected for use in the Georgia Ground-Water Monitoring Network (Refer to Fig. 3-2). Thirty-nine stations were sampled in 1984. All wells and springs will be sampled annually after 1984.

Monitoring stations are located in three critical areas:

(a) recharge areas of the State's major aquifers,
(b) other areas of potential pollution related to regional activities (agricultural and industrial areas), and
(c) areas of heavy pumpage.

The majority of network sampling stations are municipal and industrial wells that have reliable well completion data. In specific areas where the State's aquifers are vulnerable to contamination (for example, the Dougherty Plain of southwest Georgia and the State's coastal area), monitoring wells maintained jointly by the Georgia Geologic Survey and the U.S. Geological Survey also are used. Because these wells are completed in specific permeable zones of an aquifer, analyses from

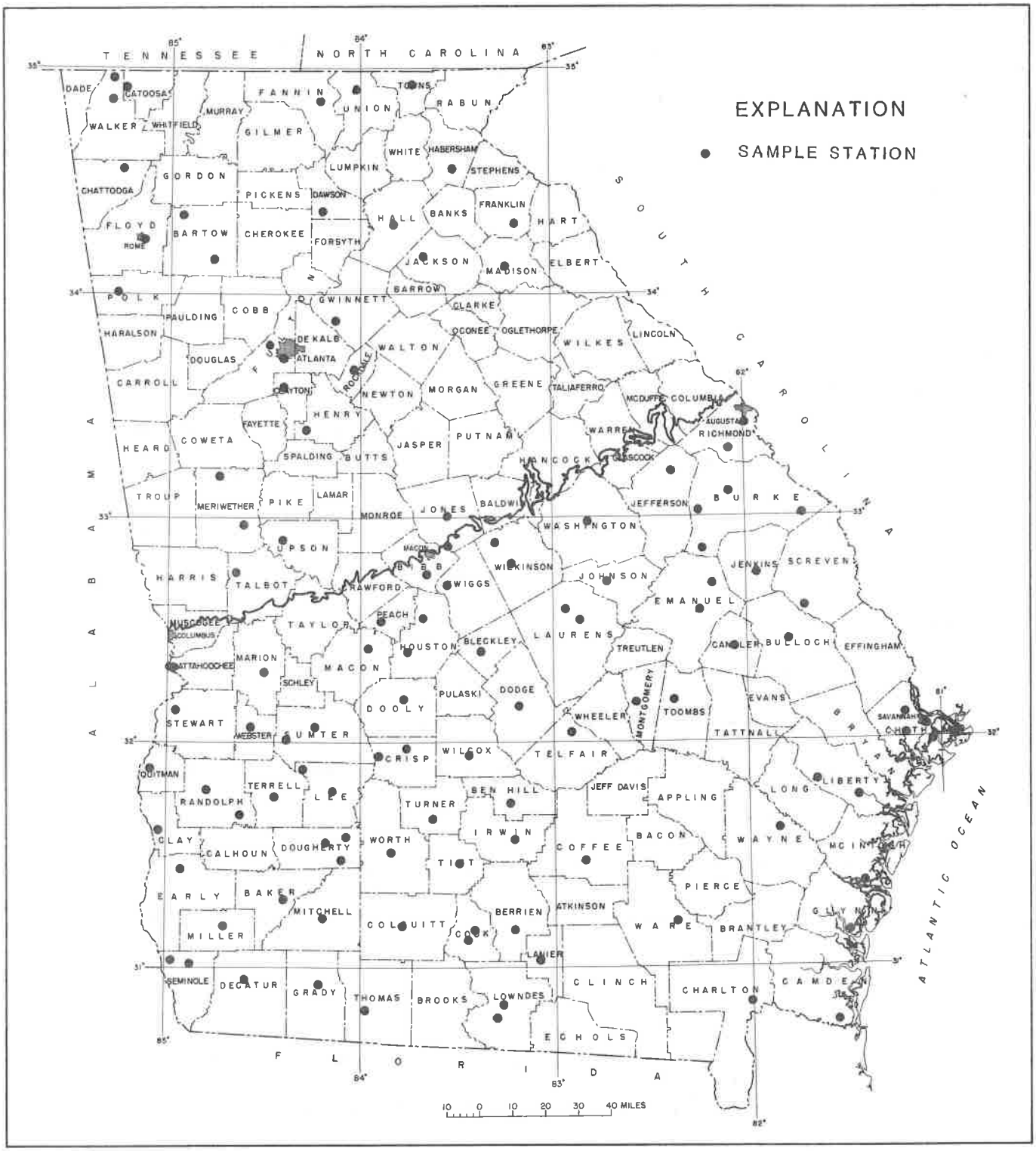


Figure 3-2 The Georgia Ground-Water Monitoring Network

several of these wells from a particular area can be used to identify the extent of contamination.

Sampling procedures for the Ground-Water Monitoring Network are standardized in order to reduce error in test results. Sample bottles are secured from the EPD laboratories, where proper preservatives are added if needed. Each well is flushed for approximately three well volumes, and raw water is sampled from the well casing before it is treated. Bottles are then chilled with ice to approximately 4°C to further preserve the samples. All testing is performed 'in house' by EPD laboratories except for six organics screens which are contracted to a University of Georgia pesticides laboratory. All data and station locations material are entered in the EPA STORET computer system where they are available to other government agencies.

Thirty-nine wells were sampled in November and December of 1984, one of which was sampled twice (Refer to Figure 3-3). All forty samples were submitted for a standard water-quality analysis. Twenty-eight were tested for additional pollutants that are considered to have some potential for entering the aquifer system near the monitoring location. Analyses of samples collected for the network during 1984 are presented in Appendix B.

In general, concentrations of contaminants in all 1984 samples were below the levels set by the Georgia Rules for Safe Drinking Water. However, some naturally occurring elements in ground water (iron, manganese, sulfate, and barium) were occasionally found in samples of untreated water in quantities exceeding those limits (Refer to Table 3-2). These elements are reduced to acceptable concentrations during normal water supply treatment.

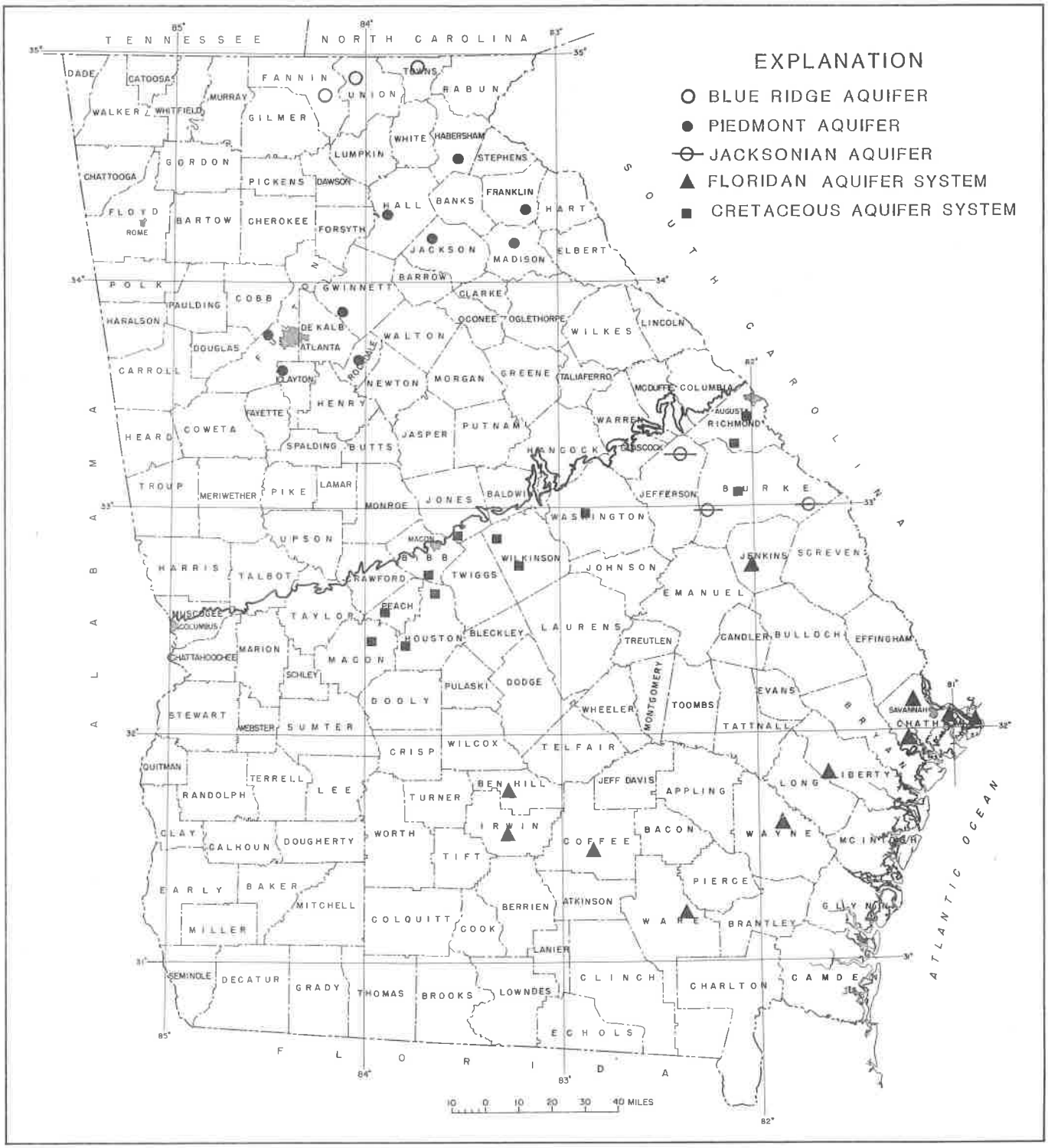


Figure 3-3 Wells Sampled for the Ground-Water Monitoring Network, 1984

Table 3-2 Contaminants Detected by the Ground-Water Monitoring Network, 1984

Well Name / Aquifer	Contaminants Above Drinking Water Standards		Organic Pollutants	
	Contaminant	Conc. (ug/L)	Pollutant	Conc. (ug/L)
BLUE RIDGE UNCONFINED AQUIFER				
BR2 Blairsville #7	Iron	928		
PIEDMONT UNCONFINED AQUIFER				
P4 Arco #3 (Sampled 11/7)	Manganese	383	Dichlorofluoromethane	16
	Sulfate	280	Trichlorofluoromethane	37
			1,1-Dichloroethylene	96
			Trichloroethylene	9
			Tetrachloroethylene	138
P4 Arco #3 (Sampled 12/19)	Manganese	440	1,1-Dichloroethane	132
			Trichlorofluoromethane	33
			Trichloroethylene	13
			Tetrachloroethylene	229
P9 Gray #4	Iron	1,570		
	Manganese	230		
P10 Franklin Springs #2	Iron	6,670		
	Manganese	52		
P13 Conyers, Rosser St. Well	Iron	373		
	Manganese	99		
P16 Demorest #5	Iron	4,850		
	Manganese	197		
CRETACEOUS AQUIFER SYSTEM				
K2 Irwinton #2	Iron	675		
K3 Sandersville #7B	Iron	777		
K9 Marshallville #1	Iron	1,850		
K16 Packaging Corp. North Well			Chloroform	2.4
FLORIDAN AQUIFER SYSTEM				
PA33 Fitzgerald Well C	Barium	2,250		

Wells at two industries yielded samples that indicated the occurrence of organic solvents in the ground-water at the facilities. In both cases, ground water was used only as process water; drinking water was obtained from the local municipal water supply system. According to procedures established by the Ground-Water Management Program, both occurrences were reported to the Assistant Director of EPD. After additional sampling confirmed the presence of solvents in one industrial well in an east Fulton County industrial park, the problem was referred to the Hazardous Waste Program of the Land Protection Branch for further investigation. This investigation was initiated in 1985. Replicate sampling of a well at the other industry (at the Lewis B. Wilson Airport, south of Macon) is scheduled to be performed in 1985.

Although the number of analyses is too small to allow statistically significant conclusions, general trends of aquifer quality can be recognized. Chloride and sulfate concentrations were well below recommended maximum contaminant levels in all five aquifers that were monitored.

Ground water of the Blue Ridge and Piedmont unconfined aquifers is generally slightly acidic (pH values range between 6.2 and 7.4). The major cations responsible for hardness, calcium and magnesium, occur in relatively low concentrations in water from the Blue Ridge aquifers (10.5 ug/L to 14.8 ug/L) and intermediate concentrations in water from the Piedmont aquifers (6.4 ug/L to 74.4 ug/L). Zinc is the most common heavy metal detected in the ground water of both provinces.

The pH ranges of the ground waters of the Coastal Plain aquifers overlap. Ground water of the Cretaceous aquifer system is the most corrosive (average pH of 5.3). The Jacksonian and Floridan aquifer systems are slightly basic (average pH of 7.7). Calcium and magnesium concentrations are relatively low in samples from the Cretaceous

aquifer system and high in samples from the Jacksonian and Floridan aquifer systems. Copper is a common heavy metal detected in the ground water of the Cretaceous aquifer system. Zinc is a common heavy metal detected in ground water of the Jacksonian aquifer system. Barium occurs in most samples from the Floridan aquifer system.

Analyses of samples collected during 1984 will be integrated with analyses of samples to be collected in the following years to define ambient ground-water quality at each station and in each aquifer. The data will be analyzed to recognize long term trends in the water quality of the State's aquifers. In the event an area containing elevated concentrations of a pollutant is identified, the monitoring program for that area will be expanded. In other words, additional monitoring stations and increased monitoring frequencies will be added, if necessary, to evaluate the source(s) of any detected pollution.

4.0 FACILITIES MONITORING

4.1 INTRODUCTION AND OVERVIEW

EPD has four programs that include ground-water monitoring as one of the key elements of facilities evaluation. Two of these, the Industrial and Hazardous Waste Management Program and the Municipal Solid Waste Control Program, are in the Land Protection Branch. The other two, the Industrial Wastewater Program and the Municipal Compliance and Technical Support Program, are in the Water Protection Branch. Ground-water monitoring data are stored in the facilities files maintained by the respective EPD programs. Each program is responsible for assessing the data for the facilities it manages and for taking appropriate action if ground-water pollution is detected.

4.2 LAND PROTECTION BRANCH

Georgia's Industrial and Hazardous Waste Management Program covers activities included under both Federal RCRA (Resource Conservation and Recovery Act) and CERCLA (Comprehensive Emergency Response Compensation and Liability Act) legislation. Under RCRA, the State manages hazardous waste sites which were in operation on or after November 19, 1980. Two other important areas of hazardous waste management are included in Georgia's CERCLA activities. One area of CERCLA responsibility is the inventory, assessment, and correction (if needed) of hazardous waste facilities that ceased operation prior to 1980. The other CERCLA responsibility is the assessment and correction of hazardous waste sites which have been abandoned without proper closure and for which a responsible party can not be found. Ground-water monitoring requirements for the Industrial and Hazardous Waste Management Program are tailored to actual site conditions, based upon the nature of the site and suspected potential pollutants.

The Municipal Solid Waste Control Program insures proper siting and operation of landfills throughout Georgia. A basic program of ground-water monitoring for at least three parameters: pH, specific conductance, and chlorides is used to detect leachate migration. Some older sanitary landfills in the State and landfills that receive only non-putrescible wastes, such as stumps, limbs, and construction debris, have not been required to monitor the ground water.

4.3 WATER PROTECTION BRANCH

Land application systems for disposal of wastewater and wastewater treatment sludges are regulated by the Industrial Wastewater Program and the Municipal Compliance and Technical Support Program of the Water Protection Branch. The Industrial Wastewater Program issues and enforces permits for land application systems of industries and other non-municipal sites (e.g. motels, mobile home parks, and other private developments). Land application systems owned by city and county governments have permits issued and enforced by the Municipal Compliance and Technical Support Program.

Four parameters (pH, specific conductance, chlorides, and nitrate-nitrogen) are required to be monitored in the ground water at these facilities. Additional parameters are often included to be monitored, based upon the nature of the site and the waste.

5.0 GROUND-WATER WITHDRAWAL PERMITS

5.1 OVERVIEW

Large ground-water withdrawals (greater than 100,000 gallons per day) are regulated by the Ground-Water Withdrawal Program of the Water Resources Management Branch. Permits for withdrawals for public water supplies are coordinated with the Water Protection Branch to assure compliance with Georgia's Safe Drinking Water Act. Permits for withdrawals in critical ground-water use areas are reviewed by the Georgia Geologic Survey.

Two critical ground-water use areas are currently recognized in Georgia. The Dougherty Plain of southwest Georgia is a major area of ground-water recharge for the Floridan aquifer system. Recent increases in ground-water withdrawals, particularly pumpage for irrigation systems, are threatening ground-water availability and quality. Large ground-water withdrawals for municipal and industrial use in Georgia's coastal area may also affect ground-water quality. A cone of depression in the Floridan aquifer system near Savannah may be inducing ocean water encroachment or upconing of deeper brines. In the Brunswick area, a cone of depression is causing contamination of the Floridan aquifer system by upconing of deeper brines.

5.2 GROUND-WATER WITHDRAWALS

Six new permits and 56 permit renewals for large ground-water withdrawals were issued during 1984. One permit was revoked. Ground-water withdrawal permits are issued for ten year periods. Permits renewed in 1984 allow withdrawals of 45.5 million gallons per day, which is 6.1 million gallons per day less than the total withdrawals allowed in 1974, the first year withdrawals were permitted. This is because EPD reduced the permitted withdrawals where municipal or

industrial permittees could not demonstrate need for the amount of water allowed in the original permit.

A summary of new permits issued during 1984 follows:

County	Permitted Facility	Yearly Average Permitted (Million Gallons per Day)
Brantley	Kings Bay Sand Co.	0.972
Chatham	Chatham County	0.200
Dougherty	Albany State College	0.288
Rabun	Sky Valley Resort, Inc.	0.140
Walker	Walker Co. Rural Water and Sewer Authority	0.200
Wilkinson	J.M. Huber Wilkinson Co. Plant	0.580

6.0 TECHNICAL INVESTIGATIONS

6.1 INTRODUCTION

EPD conducts technical investigations to support ground-water management activities in the State. Two branches performed technical investigations during calendar year 1984. These branches are Water Protection and the Geologic Survey.

6.2 WATER PROTECTION BRANCH

In support of the Public Water Systems Program, the Water Protection Branch investigated occurrences of natural elevated radioactivity in four counties during 1984. These counties are Tift, Berrien, and Wheeler in south-central Georgia and Franklin County in northeast Georgia.

High radioactivity in the ground water of the three south-central Georgia counties apparently originates from a phosphatic zone of the Miocene Hawthorne Formation. Wells which are properly cased through the phosphatic zone and produce from the underlying Floridan aquifer system yield water of good quality. Four wells with high radioactivity were identified in Tift County. The affected systems were able to link with the Tifton municipal water system and discontinue use of the wells. An area of low radioactivity, suitable for drinking water use, was discovered in the shallow Miocene aquifer system of Berrien County. No alternate well locations for the Miocene aquifer system in Wheeler County could be identified; thus replacement wells are being completed in the lower Floridan aquifer system.

A well with naturally elevated radioactivity was found in Franklin County. Radioactivity levels were diluted to safe drinking water standards by blending the waters of several wells.

6.3 GEOLOGIC SURVEY BRANCH

Georgia's Geologic Survey includes two major programs, geology and hydrology. The hydrology program is primarily responsible for the Branch's ground-water programs and investigations. During 1984, the hydrology program conducted research on three independent technical investigations. These studies are:

- Hydrogeology of the Gulf Trough,
- Hydrogeologic Investigation of Lamar County, and
- Savannah Area Thermal Pollution Study

An investigation of the hydrogeology of the Gulf Trough continued through 1984. The Gulf Trough is a linear hydrologic feature of south Georgia which yields poor water quality and quantity. During 1984, maps of the subsurface geologic units of the project area were begun. Three wells were drilled in the counties of Berrien, Coffee, and Colquitt to provide data on the subsurface geology and hydrology.

The Lamar County project is a pilot study to identify useful techniques for hydrologic investigations in north Georgia. A literature review was completed during 1984. In addition, a photo lineation study and a gravity survey were initiated.

As part of an effort to assess the effect of the only four injection wells in Georgia, the first phase of an investigation of the Savannah area was completed. All four wells are non-contact cooling water return wells developed in the Floridan aquifer system. The investigation identified two areas of abnormally elevated ground-water temperatures which correspond to the locations of two of the injection wells. A report which describes the findings was initiated.

Through cooperative programs with the U.S. Geological Survey, the Georgia Geologic Survey supports several other technical investigations related to the hydrology of Georgia. This support encompasses personnel, direct services (including drilling monitoring wells), and funding. The cooperative investigations include:

- Water Use in Georgia,
- Evaluation of the Ground-Water Resources of Coastal Georgia,
- Ground-Water Level Measurements,
- Ground-Water Site Inventory,
- Hydrogeology of the Upper Cretaceous and Contiguous Tertiary Aquifer System, and
- Southeastern Limestone Regional Aquifer System Analysis (RASA).

An investigation of water use in Georgia was continued through 1984. This study, which began in 1979, identifies how much water is withdrawn on an annual basis for public supply, general rural use, irrigation, self-supplied industry, and electrical power generation in Georgia.

The coastal Georgia study is intended to evaluate the ground-water regime of thirteen coastal counties. In this area, Savannah, Brunswick, and Saint Marys are centers of large cones of depression within the Floridan aquifer which are potential avenues of chloride contamination. During 1984, ground-water monitoring for chloride concentrations continued, potentiometric maps were updated, and computerized ground-water flow models of the study area were developed.

An annual report describing ground-water quantity for Georgia for 1983 was published in 1984. Continuous water-level records from 155 wells and over 800 water level measurements were collected for Georgia during 1984. These data were summarized in a report to be published in 1985. The Georgia Geologic Survey also supported a computerized well inventory project (Ground-Water Site Inventory) during 1984.

Two cooperative projects of the Accelerated Ground-Water Program were continued through 1984. As part of the study of the Upper Cretaceous and contiguous Tertiary aquifer system, two reports on aquifers of east-central Georgia were developed. For the RASA project, a digital ground-water flow model for Georgia's Floridan aquifer system was further refined. The U.S. Geological Survey will incorporate the Georgia data into a regional ground-water model.

To disseminate hydrologic information about Georgia, the State's Geologic Survey published reports on the results of current investigations. During 1984, the branch published ten hydrology-related reports. These publications include:

- Bulletin 99, Proceedings: A Conference on the Water Resources of Georgia and Adjacent Areas, R. Arora and L.L. Gorday, editors,
- Information Circular 60, Hydrogeology of Greene, Morgan, and Putnam Counties by T.W. Watson,
- Information Circular 62, Evaluation of the Ground-Water Resources of Coastal Georgia: Preliminary Report on the Data Available as of July 1983 by R.E. Krause, S.E. Matthews, and H.E. Gill,
- Information Circular 63, Ground Water in the Greater Atlanta Region, Georgia by C.W. Cressler, C.J. Thurmond, and W.G. Hester,
- Hydrologic Atlas 10, Hydrologic Evaluation for Underground Injection Control in the Coastal Plain of Georgia, R. Arora, editor,
- Hydrologic Atlas 12, Hydrologic Evaluation for Underground Injection Control in North Georgia, R. Arora, editor,
- Hydrologic Atlas 13, Hydrogeology of the Clayton Aquifer of Southwest Georgia by J.S. Clarke, R.E. Faye, and Rebekah Brooks,
- Open-File Report 85-1, Well Construction Diagrams for the Accelerated Ground-Water Program from July 1, 1982 through June 30, 1984 by S.W. Hart and A.F. Long,
- Open-File Report 85-2, The Accelerated Ground-Water Program, FY 1978-1984 by the Georgia Geologic Survey, and
- Circular 10, Geologic and Hydrologic Research in Georgia, 1983-84 compiled by E. Morrow.

APPENDIX A

PARAMETERS MONITORED BY THE GEORGIA GROUND-WATER MONITORING NETWORK

Key

MG/L = Milligrams/Liter (parts per million)
UG/L = Micrograms/Liter (parts per billion)

$\frac{\text{UMHO}}{\text{CM}}$ = Micromho/Centimeter

SU = Standard Units

STANDARD WATER QUALITY ANALYSIS

Parameter	Storet I.D. #	Detection Limit	
pH	00403	0.0	SU
Spec. Cond.	00095	1.0	UMHO/CM
Chloride	00940	0.1	MG/L
Sulfate	00945	2.0	MG/L
N02+N03	00630	0.02	MG/L
Dicofol	39780	0.10	UG/L
Endrin	39390	0.03	UG/L
Lindane	39782	0.008	UG/L
Methoxychlor	39480	0.30	UG/L
PCB's	39516	0.60	UG/L
Permethrin	79191	0.30	UG/L
Toxaphene	39400	1.20	UG/L
2,4-D	39730	5.2	UG/L
Acifluorfen	79193	1.0	UG/L
Chloramben	82051	0.2	UG/L
Silvex	39760	0.1	UG/L
Trichlorfon	39014	2.0	UG/L
Calcium	00916	0.0	MG/L
Potassium	00937	0.5	MG/L
Magnesium	00927	0.0	MG/L
Sodium	00929	0.0	MG/L

Parameter	Storet I.D. #	Detection Limit	
Silver	01077	10	UG/L
Aluminum	01105	20	UG/L
Arsenic	01002	40	UG/L
Gold	71910	25	UG/L
Barium	01007	10	UG/L
Berylium	01012	10	UG/L
Bismuth	01017	50	UG/L
Cadmium	01027	10	UG/L
Cobalt	01037	10	UG/L
Chromium	01034	10	UG/L
Copper	01042	10	UG/L
Iron	01045	10	UG/L
Manganese	01055	10	UG/L
Molybdenum	01062	10	UG/L
Nickel	01067	20	UG/L
Lead	01051	25	UG/L
Antimony	01097	50	UG/L
Selenium	01147	3	UG/L
Tin	01102	50	UG/L
Strontium	01082	10	UG/L
Titanium	01152	10	UG/L
Thallium	01059	50	UG/L
Vanadium	01087	10	UG/L
Yttrium	01203	10	UG/L
Zinc	01092	10	UG/L
Zirconium	01162	10	UG/L

ADDITIONAL WATER QUALITY ANALYSES

Parameter	Storet I.D. #	Detection Limit		Parameter	Storet I.D. #	Detection Limit	
Cyanide	00720	0.05	MG/L	Mercury	71900	0.5	UG/L
				ORGANIC SCREEN #1			
Alachlor	77825	3.00	UG/L	Malathion	39530	1.40	UG/L
Atrazine	39033	0.44	UG/L	Metolachlor	38923	2.40	UG/L
Azodrin	82186	1.00	UG/L	Metribuzin	81408	1.25	UG/L
Chloropyrifos	38740	0.80	UG/L	Mevinphos	39610	1.40	UG/L
Cynazine	81757	1.00	UG/L	Napropamide	79195	0.81	UG/L
Dasanit	39006	0.60	UG/L	Parathion(E)	39540	0.08	UG/L
DCPA	39770	0.01	UG/L	Parathion(M)	39600	0.10	UG/L
Demeton	39560	1.00	UG/L	Pebulate	79192	1.81	UG/L
Diazinon	39570	1.00	UG/L	Pendimethalin	79190	1.80	UG/L
Dimethoate	38458	0.50	UG/L	Phorate	39023	1.00	UG/L
Disyton	39010	1.00	UG/L	Profluralin	38872	2.00	UG/L
Eptam	81894	1.70	UG/L	Simazine	39055	1.25	UG/L
Ethoprop	81758	0.50	UG/L	Sutan	81410	1.25	UG/L
Fluchloralin	79194	15.0	UG/L	Terbufos	82088	3.00	UG/L
Fonophos	81294	0.50	UG/L	Trifluralin	81284	2.00	UG/L
Guthion	39580	2.00	UG/L	Vernam	82200	0.56	UG/L
Isopropalin	38820	2.00	UG/L				
				ORGANIC SCREEN #3			
Dinoseb	38779	0.10	UG/L				
				ORGANIC SCREEN #5			
Carbaryl	77700	10.0	UG/L	Linuron	38477	0.06	UG/L
Carbofuran	81405	2.0	UG/L	Methomyl	39051	0.03	UG/L
Diuron	39650	0.03	UG/L	Monuron	38511	0.04	UG/L
Fluometuron	38810	0.08	UG/L	Temik	39053	0.20	UG/L
				ORGANIC SCREEN #7			
EDB	77651	1	UG/L				

ADDITIONAL WATER QUALITY ANALYSES (CONTINUED)

Parameter	Storet I.D. #	Detection Limit
	ORGANIC SCREEN #8	
Naphthalene	34696	<10 UG/L
2-Chloronaphthalene	34581	<10 UG/L
Acenaphthylene	34200	<10 UG/L
Acenaphthene	34205	<10 UG/L
Fluorene	34381	<10 UG/L
Phenanthrene	34461	<10 UG/L
Anthracene	34220	<10 UG/L
Fluoranthene	34376	<10 UG/L
Pyrene	34469	<10 UG/L
Benzo(a)anthracene	34526	<100 UG/L
Benzo(b)fluoranthene	34230	<100 UG/L
Benzo(k)fluoranthene	34242	<100 UG/L
Benzo(a)pyrene	34247	<100 UG/L
Indeno(1,2,3-cd)pyrene	34403	<100 UG/L
Benzo(ghi)perylene	34521	<100 UG/L
	ORGANIC SCREEN #9	
Anilene	77089	<10 UG/L
2-Chlorophenol	34586	<10 UG/L
2-Nitrophenol	34591	<10 UG/L
Phenol (GC/MS)	34694	<10 UG/L
2,4-Dimethylphenol	34606	<10 UG/L
2,3-Dichlorophenol	34601	<10 UG/L
2,4,6-Trichlorophenol	34621	<10 UG/L
Parachlorometa cresol	34452	<10 UG/L
2,4-Dinitrophenol	34616	<100 UG/L
4,6-Dinitro-o-cresol	34657	<50 UG/L
Pentachlorophenol	39032	<25 UG/L
4-Nitrophenol	34646	<25 UG/L

ADDITIONAL WATER QUALITY ANALYSES (CONTINUED)

Parameter	Storet I.D. #	Detection Limit
	ORGANIC SCREEN #10	
Methyl chloride	34423	<1 UG/L
Trichlorofluoromethane	34488	<1 UG/L
1,1-Dichloroethylene	34501	<1 UG/L
1,1-Dichloroethane	34496	<1 UG/L
1,2-Trans-dichloroethylene	34546	<1 UG/L
Chloroform	32106	<1 UG/L
1,2-Dichloroethane	32103	<1 UG/L
1,1,1-Trichloroethane	34506	<1 UG/L
Carbon tetrachloride	32102	<1 UG/L
Dichlorobromomethane	32101	<1 UG/L
1,2-Dichloropropane	34541	<1 UG/L
Trans-1,3-dichloropropene	34699	<1 UG/L
Trichloroethylene	39180	<1 UG/L
Benzene	34030	<1 UG/L
Chlorodibromomethane	34306	<1 UG/L
1,1,2-Trichloroethane	34511	<1 UG/L
Cis-1,3-dichloropropene	34704	<1 UG/L
Bromoform	32104	<1 UG/L
1,2,2,2-Tetrachloroethane	34516	<1 UG/L
Tetrachloroethylene	34475	<1 UG/L
Toluene	34010	<1 UG/L
Chlorobenzene	34301	<1 UG/L
Ethylbenzene	34371	<1 UG/L
Acetone	81552	<50 UG/L
Methyl ethyl ketone	81595	<25 UG/L
Carbon disulfide	77041	<1 UG/L
Vinyl chloride	39175	<1 UG/L
Isopropyl acetate	45013	<1 UG/L
2-Hexanone	77103	<1 UG/L
Methyl isobutyl ketone	81596	<1 UG/L
Styrene	77128	<1 UG/L
Xylene	81551	<1 UG/L

APPENDIX B

ANALYSES OF SAMPLES COLLECTED DURING 1984

FOR THE

GEORGIA GROUND-WATER MONITORING NETWORK

Key

MG/L = Milligrams/Liter (parts per million)
UG/L = Micrograms/Liter (parts per billion)
SU = Standard Units
TOT = Total
VOA = Volatile Organic Analysis
WH WATER = Whole Water (dissolved and suspended fractions)

Hiawassee Well #6

GWN-BR1 Towns County 11/14/84

Parameter	*	Value
PH (LAB) SU		6.500
CONDUCTIVITY AT 25C MICROMHO		86.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L		11.000
NO2+NO3 N-TOTAL MG/L		0.100
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		8.570
POTASSIUM K TOT MG/L		2.500
MAGNESIUM MG TOT MG/L		1.970
SODIUM NA TOT MG/L		4.600
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		35.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L		44.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		53.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		43.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Blairsville Well #7

GWN-BR2 Union County 11/13/84

Parameter	*	Value
PH (LAB) SU		6.900
CONDUCTIVITY AT 25C MICROMHO		119.000
CHLORIDE CL MG/L		3.600
SULFATE SO4 MG/L		6.000
NO2+NO3 N-TOTAL MG/L		0.150
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		13.500
POTASSIUM K TOT MG/L		1.900
MAGNESIUM MG TOT MG/L		1.290
SODIUM NA TOT MG/L		7.900
SILVER AG TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		928.000
MANGANESE MN TOT UG/L		36.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		61.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		138.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Morganton Old Well

GWN-BR4 Fannin County 11/13/84

Parameter	*	Value
PH (LAB) SU		6.200
CONDUCTIVITY AT 25C MICROMHO		96.000
CHLORIDE CL MG/L		2.600
SULFATE SO4 MG/L	U	1.000
NO2+NO3 N-TOTAL MG/L		1.320
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		9.050
POTASSIUM K TOT MG/L		1.500
MAGNESIUM MG TOT MG/L		2.080
SODIUM NA TOT MG/L		6.900
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		16.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		88.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLOROETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000
Cyanide		
CYANIDE CN TOT MG/L	U	0.050

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-J1

Vidette Well
Burke County

11/28/84

Parameter	*	Value
PH (LAB) SU		7.500
CONDUCTIVITY AT 25C MICROMHO		307.000
CHLORIDE CL MG/L		9.300
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		2.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		60.400
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		1.000
SODIUM NA TOT MG/L		3.900
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		55.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		33.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		32.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		56.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #1

ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Organic Screen #1 (Cont'd)

DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560

Organic Screen #3

DINOSEB DISS UG/L	U	0.100

Organic Screen #5

CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Girard Elementary School

GWN-J2 Burke County 11/28/84

Parameter	*	Value
PH (LAB) SU		7.600
CONDUCTIVITY AT 25C MICROMHO		239.000
CHLORIDE CL MG/L		3.100
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.060

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		46.300
POTASSIUM K TOT MG/L		1.600
MAGNESIUM MG TOT MG/L		1.360
SODIUM NA TOT MG/L		2.300
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		98.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		12.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #1

ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Parameter	*	Value

Organic Screen #1 (Cont'd)

DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560

Organic Screen #3

DINOSEB DISS UG/L	U	0.100

Organic Screen #5

CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000

Organic Screen #10

1 1 1-TRICHLOROETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-J6

Wrens Well
Jefferson County

11/28/84

Parameter	*	Value
PH (LAB) SU		6.600
CONDUCTIVITY AT 25C MICROMHO		143.000
CHLORIDE CL MG/L		1.500
SULFATE SO4 MG/L		6.000
NO2+NO3 N-TOTAL MG/L		0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		26.400
POTASSIUM K TOT MG/L		0.700
MAGNESIUM MG TOT MG/L		1.010
SODIUM NA TOT MG/L		1.500
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		13.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		272.000
MANGANESE MN TOT UG/L		13.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		95.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #1		
ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #1 (Cont'd)		
DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560
Organic Screen #5		
CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Freeport Kaolin Well #2

GWN-K1 Wilkinson County 12/17/84

Parameter	*	Value	Parameter	*	Value
PH (LAB) SU		4.800			
CONDUCTIVITY AT 25C MICROMHO		22.000			
CHLORIDE CL MG/L		1.000			
SULFATE SO4 MG/L	U	2.000			
NO2+NO3 N-TOTAL MG/L		0.630			

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		0.870
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.340
SODIUM NA TOT MG/L		1.500
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		24.000
IRON FE TOTAL UG/L		53.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-K2

Irwinton Well #2
Wilkinson County

12/17/84

Parameter	*	Value
PH (LAB) SU		4.700
CONDUCTIVITY AT 25C MICROMHO		26.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L		2.000
NO2+NO3 N-TOTAL MG/L		0.190
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		1.170
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.320
SODIUM NA TOT MG/L		1.600
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L		65.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		26.000
IRON FE TOTAL UG/L		675.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Sandersville Well #7B

GWN-K3 Washington County 11/28/84

Parameter	*	Value
PH (LAB) SU		6.000
CONDUCTIVITY AT 25C MICROMHO		98.000
CHLORIDE CL MG/L		2.600
SULFATE SO4 MG/L		4.000
NO2+NO3 N-TOTAL MG/L		0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		15.400
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		1.380
SODIUM NA TOT MG/L		1.800
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		24.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		777.000
MANGANESE MN TOT UG/L		33.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		55.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #1

ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Parameter	*	Value

Organic Screen #1 (Cont'd)

DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560

Organic Screen #3

DINOSEB DISS UG/L	U	0.100

Organic Screen #5

CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-K5 Richmond Co. Plant 2, Well #1 11/27/84

Parameter	*	Value
PH (LAB) SU		5.000
CONDUCTIVITY AT 25C MICROMHO		12.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.250

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		0.340
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.200
SODIUM NA TOT MG/L		1.100
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		11.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #8

2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000

Parameter	*	Value
Organic Screen #8 (Cont'd)		
BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000

Organic Screen #9

2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	10.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000

Mercury

MERCURY HG TOT UG/L	U	0.500

* 'U' indicates actual concentration fo the parameter is less than the value listed.

GWN-K7 Jones County Well #4 12/17/84

Parameter	*	Value
PH (LAB) SU		5.400
CONDUCTIVITY AT 25C MICROMHO		21.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.140

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		1.660
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.350
SODIUM NA TOT MG/L		1.300
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		12.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Marshallville Well #1

GWN-K9 Macon County 12/18/84

Parameter	*	Value
PH (LAB) SU		4.600
CONDUCTIVITY AT 25C MICROMHO		41.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L		5.000
NO2+NO3 N-TOTAL MG/L		0.050
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		0.650
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.260
SODIUM NA TOT MG/L		1.100
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L		150.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		1,850.000
MANGANESE MN TOT UG/L		29.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #1		
ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #1 (Cont'd)		
DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560
Organic Screen #5		
CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Fort Valley Well #1

GWN-K10 Peach County 12/18/84

Parameter	*	Value
PH (LAB) SU		4.900
CONDUCTIVITY AT 25C MICROMHO		28.000
CHLORIDE CL MG/L		3.100
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.940

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		1.060
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.420
SODIUM NA TOT MG/L		2.600
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value

Organic Screen #10 (Cont'd)

ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Warner Robins Well #1A

GWN-K11 Houston County 12/18/84

Parameter	*	Value
PH (LAB) SU		5.000
CONDUCTIVITY AT 25C MICROMHO		13.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.200

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		0.520
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.220
SODIUM NA TOT MG/L		1.100
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		36.000
IRON FE TOTAL UG/L		49.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Perry Holiday Inn Well

GWN-K12 Houston County 12/18/84

Parameter	*	Value
PH (LAB) SU		4.200
CONDUCTIVITY AT 25C MICROMHO		44.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L		6.000
NO2+NO3 N-TOTAL MG/L	U	0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		0.500
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.240
SODIUM NA TOT MG/L		1.000
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L		360.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		16.000
IRON FE TOTAL UG/L		185.000
MANGANESE MN TOT UG/L		12.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		140.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #1		
ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #1 (Cont'd)		
DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560
Organic Screen #5		
CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Packaging Corp. of America North Well

GWN-K16 Bibb County 12/18/84

Parameter	*	Value
PH (LAB) SU		5.400
CONDUCTIVITY AT 25C MICROMHO		23.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.340
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
Icap Screen		
CALCIUM CA TOT MG/L		0.530
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.250
SODIUM NA TOT MG/L		3.300
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		60.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L		2.400
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-K17 East Burke Co. Well 11/27/84

Parameter	*	Value
PH (LAB) SU		8.000
CONDUCTIVITY AT 25C MICROMHO		168.000
CHLORIDE CL MG/L		1.500
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L	U	0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		2.000
POTASSIUM K TOT MG/L		1.200
MAGNESIUM MG TOT MG/L		0.390
SODIUM NA TOT MG/L		37.500
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		15.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		55.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		33.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #1		
ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000
DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560

Parameter	*	Value
Organic Screen #3		
DINOSEB DISS UG/L	U	0.100
Organic Screen #5		
CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000
Organic Screen #8		
2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000
BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000
Organic Screen #9		
2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	10.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000
Mercury		
MERCURY HG TOT UG/L	U	0.500

* 'U' indicates actual concentration of the parameter is less than the value listed.

Hephzibah Well #1

GWN-K19 Richmond County 11/27/84

Parameter	*	Value
PH (LAB) SU		6.100
CONDUCTIVITY AT 25C MICROMHO		41.000
CHLORIDE CL MG/L		5.200
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.440

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		0.800
POTASSIUM K TOT MG/L	U	0.500
MAGNESIUM MG TOT MG/L		0.430
SODIUM NA TOT MG/L		7.200
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		24.000
IRON FE TOTAL UG/L		39.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L	U	10.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Organic Screen #10 (Cont'd)

ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Riverdale Delta Drive Well

GWN-P2 Clayton County 11/7/84

Parameter	*	Value
PH (LAB) SU		6.300
CONDUCTIVITY AT 25C MICROMHO		113.000
CHLORIDE CL MG/L	U	0.100
SULFATE SO4 MG/L		3.000
NO2+NO3 N-TOTAL MG/L		1.040

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000

ICAP Screen

CALCIUM CA TOT MG/L		9.750
POTASSIUM K TOT MG/L		1.300
MAGNESIUM MG TOT MG/L		1.300
SODIUM NA TOT MG/L		9.200
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		28.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L		14.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		74.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		21.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Organic Screen #10 (Cont'd)

ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

ARCO Well #3

GWN-P4 Fulton County 11/7/84

Parameter	*	Value
PH (LAB) SU		6.500
CONDUCTIVITY AT 25C MICROMHO		667.000
CHLORIDE CL MG/L		10.000
SULFATE SO4 MG/L		280.000
NO2+NO3 N-TOTAL MG/L		0.950
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		64.300
POTASSIUM K TOT MG/L		4.700
MAGNESIUM MG TOT MG/L		10.400
SODIUM NA TOT MG/L		59.300
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L		124.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L		11.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L		11.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		295.000
MANGANESE MN TOT UG/L		383.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		964.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L		209.000
ZINC ZN TOT UG/L		150.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #8		
2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000

Parameter	*	Value
Organic Screen #8 (Cont'd)		
BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000
Organic Screen #9		
2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	25.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L		96.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L		138.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L		9.000
TRICHLOROFLUOROMETHANE UG/L		37.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Flowery Branch Well #1

GWN-P5 Hall County 11/13/84

Parameter	*	Value
PH (LAB) SU		6.900
CONDUCTIVITY AT 25C MICROMHO		148.000
CHLORIDE CL MG/L		1.500
SULFATE SO4 MG/L	U	1.000
NO2+NO3 N-TOTAL MG/L		0.280

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000

ICAP Screen

CALCIUM CA TOT MG/L		22.600
POTASSIUM K TOT MG/L		1.300
MAGNESIUM MG TOT MG/L		3.800
SODIUM NA TOT MG/L		1.500
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		27.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		86.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		21.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

ARCO Well #3

GWN-P4 Fulton County 12/19/84

Parameter	*	Value
PH (LAB) SU		6.400
CONDUCTIVITY AT 25C MICROMHO		664.000
CHLORIDE CL MG/L		10.300
SULFATE SO4 MG/L		245.000
NO2+NO3 N-TOTAL MG/L		0.900
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		63.500
POTASSIUM K TOT MG/L		4.600
MAGNESIUM MG TOT MG/L		10.500
SODIUM NA TOT MG/L		57.300
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L		70.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L		11.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L		440.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		970.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L		225.000
ZINC ZN TOT UG/L		155.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #8		
2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000

Parameter	*	Value
Organic Screen #8 (Cont'd)		
BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000
Organic Screen #9		
2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	10.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L		132.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L		229.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L		13.000
TRICHLOROFLUOROMETHANE UG/L		33.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Flowery Branch Well #1

GWN-P5 Hall County 11/13/84

Parameter	*	Value
PH (LAB) SU		6.900
CONDUCTIVITY AT 25C MICROMHO		148.000
CHLORIDE CL MG/L		1.500
SULFATE SO4 MG/L	U	1.000
NO2+NO3 N-TOTAL MG/L		0.280

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000

ICAP Screen

CALCIUM CA TOT MG/L		22.600
POTASSIUM K TOT MG/L		1.300
MAGNESIUM MG TOT MG/L		3.800
SODIUM NA TOT MG/L		1.500
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		27.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		86.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		21.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value

Organic Screen #10 (Cont'd)

ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-P8

Wayne Poultry Co. Well #4
Jackson County

11/13/84

Parameter	*	Value
PH (LAB) SU		7.100
CONDUCTIVITY AT 25C MICROMHO		203.000
CHLORIDE CL MG/L		2.600
SULFATE SO4 MG/L	U	1.000
NO2+NO3 N-TOTAL MG/L		0.210
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		23.200
POTASSIUM K TOT MG/L		1.100
MAGNESIUM MG TOT MG/L		7.580
SODIUM NA TOT MG/L		8.600
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		66.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-P9

Gray Well #4
Jones County

12/17/84

Parameter	*	Value
PH (LAB) SU		6.200
CONDUCTIVITY AT 25C MICROMHO		208.000
CHLORIDE CL MG/L		7.200
SULFATE SO4 MG/L		36.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		14.900
POTASSIUM K TOT MG/L		3.700
MAGNESIUM MG TOT MG/L		8.050
SODIUM NA TOT MG/L		12.000
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		41.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L		16.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		1,570.000
MANGANESE MN TOT UG/L		230.000
MOLYBDENUM MO TOT UG/L		14.000
NICKEL NI TOT UG/L		29.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		120.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		16.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLOROETHANE UG/L	U	1.000000
1 1 2-TRICHLOROETHANE UG/L	U	1.000000
1 1-DICHLOROETHANE UG/L	U	1.000000
1 1-DICHLOROETHYLENE UG/L	U	1.000000
1 2-DICHLOROETHANE VOA UG/L	U	1.000000
1 2-DICHLOROPROPANE UG/L	U	1.000000
1122-TETRACHLOROETHANE UG/L	U	1.000000
2-HEXANONE WH WATER UG/L	U	1.000000

Organic Screen #10 (Cont'd)

ACETONE WH WATER UG/L	U	50.000000
BENZENE WH WATER UG/L	U	1.000000
BROMOFORM VOA UG/L	U	1.000000
CARBNTET WH WATER UG/L	U	1.000000
CARBON DISULFIDE WH WTR UG/L	U	1.000000
CHLOROBENZENE WH WATER UG/L	U	1.000000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000000
CHLOROFORM VOA UG/L	U	1.000000
CIS 1 3-DCP WH WATER UG/L	U	1.000000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000000
ETHYLBENZENE UG/L	U	1.000000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000000
METHYL CHLORIDE WH WATER UG/L	U	1.000000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000000
STYRENE WH WATER UG/L	U	1.000000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000000
T-1 3-DCP TOT WTR UG/L	U	1.000000
TETRACHLOROETHYLENE UG/L	U	1.000000
TOLUENE WH WATER UG/L	U	1.000000
TRICHLOROETHYLENE UG/L	U	1.000000
TRICHLOROFLUOROMETHANE UG/L	U	1.000000
VINYL CHLORIDE WH WATER UG/L	U	1.000000
XYLENE WH WATER UG/L	U	1.000000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Franklin Springs Well #2

GWN-P10 Franklin County 11/14/84

Parameter	*	Value
PH (LAB) SU		6.500
CONDUCTIVITY AT 25C MICROMHO		103.000
CHLORIDE CL MG/L		2.600
SULFATE SO4 MG/L		15.000
NO2+NO3 N-TOTAL MG/L		0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		9.260
POTASSIUM K TOT MG/L		2.400
MAGNESIUM MG TOT MG/L		2.930
SODIUM NA TOT MG/L		6.000
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		6,670.000
MANGANESE MN TOT UG/L		52.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		81.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		13.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Danielsville Well #1

GWN-P11 Madison County 11/14/84

Parameter	*	Value
PH (LAB) SU		6.300
CONDUCTIVITY AT 25C MICROMHO		69.000
CHLORIDE CL MG/L		2.100
SULFATE SO4 MG/L	U	1.000
NO2+NO3 N-TOTAL MG/L		0.660
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		5.500
POTASSIUM K TOT MG/L		1.500
MAGNESIUM MG TOT MG/L		2.310
SODIUM NA TOT MG/L		5.100
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		11.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		275.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		30.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		16.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Conyers Rosser Street Well

GWN-P13 Rockdale County 11/8/84

Parameter	*	Value
PH (LAB) SU		6.700
CONDUCTIVITY AT 25C MICROMHO		148.000
CHLORIDE CL MG/L		3.000
SULFATE SO4 MG/L		15.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000

ICAP Screen

CALCIUM CA TOT MG/L		19.000
POTASSIUM K TOT MG/L		1.400
MAGNESIUM MG TOT MG/L		1.250
SODIUM NA TOT MG/L		8.600
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		14.000
IRON FE TOTAL UG/L		373.000
MANGANESE MN TOT UG/L		99.000
MOLYBDENUM MO TOT UG/L		10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		57.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		33.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Craig Well, Tucker

GWN-P15 Gwinnett County 11/8/84

Parameter	*	Value
PH (LAB) SU		6.400
CONDUCTIVITY AT 25C MICROMHO		57.000
CHLORIDE CL MG/L		1.000
SULFATE SO4 MG/L		3.000
NO2+NO3 N-TOTAL MG/L		0.460
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		4.890
POTASSIUM K TOT MG/L		1.100
MAGNESIUM MG TOT MG/L		1.560
SODIUM NA TOT MG/L		3.800
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		19.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L		56.000
IRON FE TOTAL UG/L		40.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		41.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		23.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Demorest Well #5 (Double Spgs. Rd.)

GWN-P16 Habersham County 11/14/84

Parameter	*	Value
PH (LAB) SU		7.400
CONDUCTIVITY AT 25C MICROMHO		213.000
CHLORIDE CL MG/L		8.200
SULFATE SO4 MG/L		12.000
NO2+NO3 N-TOTAL MG/L		0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	1.000
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	10.000
ICAP Screen		
CALCIUM CA TOT MG/L		24.400
POTASSIUM K TOT MG/L		1.100
MAGNESIUM MG TOT MG/L		1.370
SODIUM NA TOT MG/L		19.900
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		4,850.000
MANGANESE MN TOT UG/L		197.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		266.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L		16.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #10		
1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-PA1

Thunderbolt Well #1
Chatham County

12/4/84

Parameter	*	Value
PH (LAB) SU		8.000
CONDUCTIVITY AT 25C MICROMHO		234.000
CHLORIDE CL MG/L		7.600
SULFATE SO4 MG/L		4.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		23.300
POTASSIUM K TOT MG/L		2.100
MAGNESIUM MG TOT MG/L		8.300
SODIUM NA TOT MG/L		13.400
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		11.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		352.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Savannah Well #13

GWN-PA2 Chatham County 12/4/84

Parameter	*	Value
PH (LAB) SU		7.900
CONDUCTIVITY AT 25C MICROMHO		236.000
CHLORIDE CL MG/L		6.500
SULFATE SO4 MG/L		4.000
NO2+NO3 N-TOTAL MG/L	U	0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		22.600
POTASSIUM K TOT MG/L		2.200
MAGNESIUM MG TOT MG/L		8.040
SODIUM NA TOT MG/L		15.000
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		11.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		332.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #8		
2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000

Parameter	*	Value
Organic Screen #8 (Cont'd)		
BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000
Organic Screen #9		
2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	10.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Layne Atlantic Well

GWN-PA3 Chatham County 12/4/84

Parameter	*	Value
PH (LAB) SU		8.000
CONDUCTIVITY AT 25C MICROMHO		224.000
CHLORIDE CL MG/L		7.600
SULFATE SO4 MG/L		3.000
NO2+NO3 N-TOTAL MG/L		0.040

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		27.400
POTASSIUM K TOT MG/L		1.800
MAGNESIUM MG TOT MG/L		7.210
SODIUM NA TOT MG/L		9.000
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		20.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		39.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		299.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #8

2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000

Organic Screen #8 (Cont'd)

BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000

Organic Screen #9

2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	10.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Tybee Island Well #2

GWN-PA4 Chatham County 12/4/84

Parameter	*	Value
PH (LAB) SU		7.800
CONDUCTIVITY AT 25C MICROMHO		639.000
CHLORIDE CL MG/L		46.400
SULFATE SO4 MG/L		110.000
NO2+NO3 N-TOTAL MG/L	U	0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		34.400
POTASSIUM K TOT MG/L		4.900
MAGNESIUM MG TOT MG/L		26.900
SODIUM NA TOT MG/L		58.100
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		1,400.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Hinesville Well #5

GWN-PA6 Liberty County 12/4/84

Parameter	*	Value
PH (LAB) SU		7.900
CONDUCTIVITY AT 25C MICROMHO		261.000
CHLORIDE CL MG/L		3.200
SULFATE SO4 MG/L		23.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		23.300
POTASSIUM K TOT MG/L		2.500
MAGNESIUM MG TOT MG/L		12.100
SODIUM NA TOT MG/L		14.400
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		23.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L	U	10.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		375.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

ITT/Rayonier Well #4

GWN-PA8 Wayne County 12/5/84

Parameter	*	Value
PH (LAB) SU		7.900
CONDUCTIVITY AT 25C MICROMHO		346.000
CHLORIDE CL MG/L		6.500
SULFATE SO4 MG/L		45.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		30.900
POTASSIUM K TOT MG/L		2.600
MAGNESIUM MG TOT MG/L		16.700
SODIUM NA TOT MG/L		16.900
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		73.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		13.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		553.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

Waycross Well #3

GWN-PA13 Ware County 12/5/84

Parameter	*	Value
PH (LAB) SU		7.600
CONDUCTIVITY AT 25C MICROMHO		384.000
CHLORIDE CL MG/L		13.000
SULFATE SO4 MG/L		46.000
NO2+NO3 N-TOTAL MG/L	U	0.020
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		40.300
POTASSIUM K TOT MG/L		1.900
MAGNESIUM MG TOT MG/L		16.800
SODIUM NA TOT MG/L		15.300
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		72.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		29.000
MANGANESE MN TOT UG/L	U	10.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		353.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000
Organic Screen #8		
2-CHLORONAPHTHALENE UG/L	U	10.000
ACENAPHTHENE WH WATER UG/L	U	10.000
ACENAPHTHYLENE WH WATER UG/L	U	10.000
ANTHRACENE WH WATER UG/L	U	10.000
BENZO(A)ANTHRACENE UG/L	U	100.000
BENZO(A)PYRENE WH WATER UG/L	U	100.000
BENZO(B)FLUORANTHENE UG/L	U	100.000
BENZO(GHI)PERYLENE UG/L	U	100.000

Parameter	*	Value
Organic Screen #8 (Cont'd)		
BENZO(K)FLUORANTHENE UG/L	U	100.000
FLUORANTHENE UG/L	U	10.000
FLUORENE WH WATER UG/L	U	10.000
INDENO(123CD)PYRENE UG/L	U	100.000
NAPHTHALENE WH WATER UG/L	U	10.000
PHENANTHRENE UG/L	U	10.000
PYRENE WH WATER UG/L	U	10.000
Organic Screen #9		
2 4 6-TRICHLOROPHENOL UG/L	U	10.000
2 4-DICHLOROPHENOL UG/L	U	10.000
2 4-DIMETHYLPHENOL UG/L	U	10.000
2 4-DINITROPHENOL UG/L	U	100.000
2-CHLOROPHENOL UG/L	U	10.000
2-NITROPHENOL UG/L	U	10.000
4 6-DINITRO-O-CRESOL UG/L	U	50.000
4-NITROPHENOL UG/L	U	25.000
ANILINE WH WATER UG/L	U	10.000
PARACHLOROMETA CRESOL UG/L	U	10.000
PENTACHLOROPHENOL WH WTR UG/L	U	25.000
PHENOL (GC/MS) WH WATER UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-PA16

Millen Well #1
Jenkins County

11/28/84

Parameter	*	Value
PH (LAB) SU		7.800
CONDUCTIVITY AT 25C MICROMHO		241.000
CHLORIDE CL MG/L		6.700
SULFATE SO4 MG/L		6.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		42.400
POTASSIUM K TOT MG/L		2.400
MAGNESIUM MG TOT MG/L		2.840
SODIUM NA TOT MG/L		3.700
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L	U	10.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		22.000
MANGANESE MN TOT UG/L		29.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		190.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #1

ALACHLOR WH WATER UG/L	U	3.000
ATRAZINE WH WATER UG/L	U	0.440
AZODRIN TOT UG/L	U	1.000
CHLOROPYRIFOS WH WATER UG/L	U	0.800
CYANAZINE WH WATER UG/L	U	1.000
DASANIT WTR FPD UG/L	U	0.600
DCPA (DACTHAL) WH WATER UG/L	U	0.010
DEMETON WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #1 (Cont'd)		
DIAZINON WH WATER UG/L	U	1.000
DIMETHOATE DISS WATER UG/L	U	0.500
DISYTON WTR FPD UG/L	U	1.000
EPTAM (EPTC) WH WATER UG/L	U	1.700
ETHOPROP WH WATER UG/L	U	0.500
FONOPHOS(DYFONATE) WTRFPD UG/L	U	0.500
GUTHION WH WATER UG/L	U	2.000
ISOPROPALIN WH WATER UG/L	U	2.000
MALATHION WH WATER UG/L	U	1.400
METOLACHLOR	U	2.400
METRIBUZIN(SENCORE)WH WTR UG/L	U	1.250
MEVINPHOS UG/L	U	1.400
PARATHION(ETHYL) WH WATER UG/L	U	0.080
PARATHION(METHYL)WH WATER UG/L	U	0.100
PHORATE WTR KCL UG/L	U	1.000
PROFLURALIN WH WATER UG/L	U	2.000
SIMAZINE WH WATER UG/L	U	1.250
SUTAN UG/L	U	1.250
TERBUFOS(COUNTER) WH WTR UG/L	U	3.000
TRIFLURALIN(TREFLAN) WHWTRUG/L	U	2.000
VERNAM WH WATER UG/L	U	0.560

Organic Screen #5

CARBARYL WH WATER UG/L	U	10.000
CARBOFURAN(EURADAN) WHWTR UG/L	U	2.000
DIURON WH WATER UG/L	U	5.000
FLUOMETURON TOT WATER UG/L	U	5.000
LINURON TOT WATER UG/L	U	5.000
METHOMYL WH WATER UG/L	U	5.000
MONURON TOT WATER UG/L	U	5.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-PA19

Douglas Well #4
Coffee County

12/5/84

Parameter	*	Value
PH (LAB) SU		7.700
CONDUCTIVITY AT 25C MICROMHO		403.000
CHLORIDE CL MG/L		8.600
SULFATE SO4 MG/L		78.000
NO2+NO3 N-TOTAL MG/L		0.110
Organic Screen #2		
DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200
Organic Screen #4		
2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000
ICAP Screen		
CALCIUM CA TOT MG/L		44.400
POTASSIUM K TOT MG/L		1.600
MAGNESIUM MG TOT MG/L		18.500
SODIUM NA TOT MG/L		10.400
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		57.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		26.000
MANGANESE MN TOT UG/L		25.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		486.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-PA32

Ocilla Well #3
Irwin County

12/5/84

Parameter	*	Value
PH (LAB) SU		7.800
CONDUCTIVITY AT 25C MICROMHO		201.000
CHLORIDE CL MG/L		3.200
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L		0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		33.700
POTASSIUM K TOT MG/L		0.700
MAGNESIUM MG TOT MG/L		4.740
SODIUM NA TOT MG/L		2.200
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L	U	50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		78.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		134.000
MANGANESE MN TOT UG/L		26.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		152.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

* 'U' indicates actual concentration of the parameter is less than the value listed.

GWN-PA33

Fitzgerald Well C
Ben Hill County

12/5/84

Parameter	*	Value
PH (LAB) SU		7.900
CONDUCTIVITY AT 25C MICROMHO		179.000
CHLORIDE CL MG/L		2.200
SULFATE SO4 MG/L	U	2.000
NO2+NO3 N-TOTAL MG/L	U	0.020

Organic Screen #2

DICOFOL WH WATER UG/L	U	0.100
ENDRIN WH WATER UG/L	U	0.030
LINDANE WH WATER UG/L	U	0.008
MTHXYCLR WH WATER UG/L	U	0.300
PCBS WH WATER UG/L	U	0.600
TOXAPHENE WH WATER UG/L	U	1.200

Organic Screen #4

2 4-D UG/L	U	5.200
CHLORAMBEN UG/L	U	0.200
SILVEX WH WATER UG/L	U	0.100
TRICHLORFON UG/L	U	2.000

ICAP Screen

CALCIUM CA TOT MG/L		22.400
POTASSIUM K TOT MG/L		0.800
MAGNESIUM MG TOT MG/L		8.470
SODIUM NA TOT MG/L		2.800
SILVER AS TOTAL UG/L	U	10.000
ALUMINUM AL TOT UG/L	U	50.000
ARSENIC AS TOT UG/L		50.000
GOLD AU TOTAL UG/L	U	25.000
BARIUM BA TOT UG/L		2,250.000
BERYLIUM BE TOT UG/L	U	10.000
BISMUTH BI TOT UG/L	U	50.000
CADMIUM CD TOT UG/L	U	10.000
COBALT CO TOT UG/L	U	10.000
CHROMIUM CR TOT UG/L	U	10.000
COPPER CU TOT UG/L	U	10.000
IRON FE TOTAL UG/L		854.000
MANGANESE MN TOT UG/L		13.000
MOLYBDENUM MO TOT UG/L	U	10.000
NICKEL NI TOT UG/L	U	25.000
LEAD PB TOT UG/L	U	25.000
ANTIMONY SB TOTAL UG/L	U	50.000
SELENIUM SE TOTAL UG/L	U	3.000
TIN SN TOTAL UG/L	U	50.000
STRONIUM SR TOTAL UG/L		266.000
TITANIUM TI TOT UG/L	U	10.000
THALLIUM TL TOTAL UG/L	U	50.000
VANADIUM V TOTAL UG/L	U	10.000
YTTRIUM Y TOTAL UG/L	U	10.000
ZINC ZN TOT UG/L	U	10.000
ZIRCONIUM ZR TOT UG/L	U	10.000

Organic Screen #10

1 1 1-TRICHLORETHANE UG/L	U	1.000
1 1 2-TRICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHANE UG/L	U	1.000
1 1-DICHLOROETHYLENE UG/L	U	1.000
1 2-DICHLOROETHANE VOA UG/L	U	1.000
1 2-DICHLOROPROPANE UG/L	U	1.000
1122-TETRACHLOROETHANE UG/L	U	1.000
2-HEXANONE WH WATER UG/L	U	1.000

Parameter	*	Value
Organic Screen #10 (Cont'd)		
ACETONE WH WATER UG/L	U	50.000
BENZENE WH WATER UG/L	U	1.000
BROMOFORM VOA UG/L	U	1.000
CARBNTET WH WATER UG/L	U	1.000
CARBON DISULFIDE WH WTR UG/L	U	1.000
CHLOROBENZENE WH WATER UG/L	U	1.000
CHLORODIBROMOMETHANE WHWTRUG/L	U	1.000
CHLOROFORM VOA UG/L	U	1.000
CIS 1 3-DCP WH WATER UG/L	U	1.000
DICHLOROBROMOMETHANE VOA UG/L	U	1.000
ETHYLBENZENE UG/L	U	1.000
ISOPROPYL ACETATE WH WTR UG/L	U	1.000
METHYL CHLORIDE WH WATER UG/L	U	1.000
METHYL ETHYL KETONE WHWTR UG/L	U	25.000
METHYL ISOBUTYL KETONE WTRUG/L	U	1.000
STYRENE WH WATER UG/L	U	1.000
T-1 2-DICHLOROETHYLENE UG/L	U	1.000
T-1 3-DCP TOT WTR UG/L	U	1.000
TETRACHLOROETHYLENE UG/L	U	1.000
TOLUENE WH WATER UG/L	U	1.000
TRICHLOROETHYLENE UG/L	U	1.000
TRICHLOROFLUOROMETHANE UG/L	U	1.000
VINYL CHLORIDE WH WATER UG/L	U	1.000
XYLENE WH WATER UG/L	U	1.000

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