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FINAL REPORT

SITE INSPECTION
GEORGIA POWER - WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA
EPA ID NO.: GAD000612937

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WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

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HALLIBURTON NUS ENVIRONMENTAL CORPORATION
SUPERFUND DIVISION

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EXECUTIVE SUMMARY

The Georgia Power, Wansley Steam Electric Generating Station is located east of Highway 27 off of Friendship Road along the Carroll County and Heard County border (Figure 1). The plant property covers approximately 5,225 acres.

The plant is currently active and began operations in 1976 (Refs. 1, 2). The plant has always been operated by Georgia Power; although, the plant is jointly owned by Georgia Power Company, Oglethorpe Power Corporation, the Municipal Electric Authority of Georgia and the city of Dalton, Georgia (Ref. 2).

The primary objective of plant operations is generating electricity by boiling water in large tanks in order to produce steam that turns turbines that generate electricity (Ref. 2). Coal and/or oil is used as fuel to boil the water (Ref. 2).

The facility is located within the Piedmont physiographic province. Geologic units that underlie the property consist of a surficial residual soil layer resting upon crystalline bedrock consisting of amphibolite, hornblende, and biotite gneisses. The residuum and the underlying crystalline rock contain the unconfined (surficial) aquifer which is the aquifer of concern in the study area. Groundwater occurrence in the crystalline rock is limited to secondary porosity openings such as joints and fractures; whereas, groundwater within the residuum is present in the intergranular pore spaces in the soil.

The groundwater pathway is of primary concern at Georgia Power. The unconfined crystalline rock aquifer is the aquifer of concern in the study area. Approximately 1,553 residents in the study area obtain water from private wells completed in this aquifer. The surface water pathway is also of concern because recreational boating and fishing are common activities in waters onsite (except for the Ash Pond and effluent) and downstream. The onsite exposure pathway is a concern due to the number of employees (approximately 325) working at the facility. The air exposure pathway is of limited concern due to the facility's rural setting.

The sampling investigation consisted of the collection of 33 environmental samples: two surface soil samples, six subsurface soil samples, four groundwater samples, ten surface water samples, and eleven sediment samples.

Organic analysis identified presumptive evidence of the presence of Trichlorotrifluoroethane in estimated concentrations in subsurface soils and sediments throughout much of the study area. Trichlorotrifluoroethane is a volatile compound that is commonly used as a degreasing solvent and an insulating fluid in transformers. Polynuclear aromatic compounds (PNAs) were identified (presumptive and estimated) in sediment samples collected from the two Coal Pile Run-off Ponds as well as the Ash Pond. These may be attributable to creosote from nearby railroad tracks or the coal used at the facility. Presumptive evidence of petroleum product was also indicated in sediment samples. Also, elevated levels of pesticides were identified in sediment samples collected from the Coal Pile Run-off Ponds as well as in the Ash Pond.

Inorganic analytes were identified as elevated in surface soils, subsurface soils, groundwater, surface water, and sediment samples. Since the groundwater and surface water pathways are of the greatest concern in this investigation the most notable findings were identified in groundwater and surface water samples. Chromium (7 times control) and lead (12 times control) were detected in the groundwater sample collected near the Ash Pond. Chromium (14 times control) was also detected in a groundwater sample collected near the Cooling Water Retention Pond. Some of the groundwater samples collected during the field investigation contained levels which exceeded the Maximum Contaminant Levels (MCLs) for primary drinking water standards for chromium, lead, and nickel.

Some of the surface water samples collected contained elevated levels of aluminum, barium, calcium, iron, manganese, potassium, sodium, and vanadium. Also,Maximum Contamination Levels (MCLs) for primary drinking water standards were reached or exceeded for nickel and selenium.

Considering the number of groundwater targets in the area as well as surface water and onsite exposure targets, it is recommended that this facility be evaluated using the HRS (effective March 14, 1991).

1.0 INTRODUCTION

The HALLIBURTON NUS Environmental Corporation Region 4 Field Investigation Team (FIT) was tasked by the U.S. Environmental Protection Agency (EPA), Waste Management Division to conduct a Site Inspection (SI) at the Georgia Power Wansley in Roopville, Heard County, Georgia.. The investigation was performed under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA). The task was performed to satisfy the requirements stated in Technical Directive Document (TDD) number F4-8909-62. The field investigation was conducted the week of September 17, 1990.

1.1 OBJECTIVES

The objectives of this inspection were to determine the nature of contaminants present at the site and to determine if a release of these substances has occurred or may occur. Further, this inspection sought to determine the possible pathways by which contamination could migrate from the site and the populations and environments it would potentially affect. Through these objectives, a recommendation was made regarding future activities at the site.

1.2 SCOPE OF WORK

The objectives were achieved through the completion of a number of specific tasks. These activities were to:

- Obtain and review relevant background materials.
- Obtain information on local water systems.
- Determine location of and distance to nearest potable well.
- Evaluate target populations and environments associated with the groundwater, surface water, air, and soil exposure pathways.

- Develop a site sketch.
- Collect environmental samples.

2.0 SITE CHARACTERIZATION

2.1 SITE HISTORY

The Georgia Power, Wansley Steam Electric Generating Station is located east of Highway 27 off of Friendship Road along the Carroll County and Heard County border (Figure 1). The plant property covers approximately 5,225 acres, the majority of which is located in Heard County; however, there are portions of the property which extend into Carroll County (Appendix A).

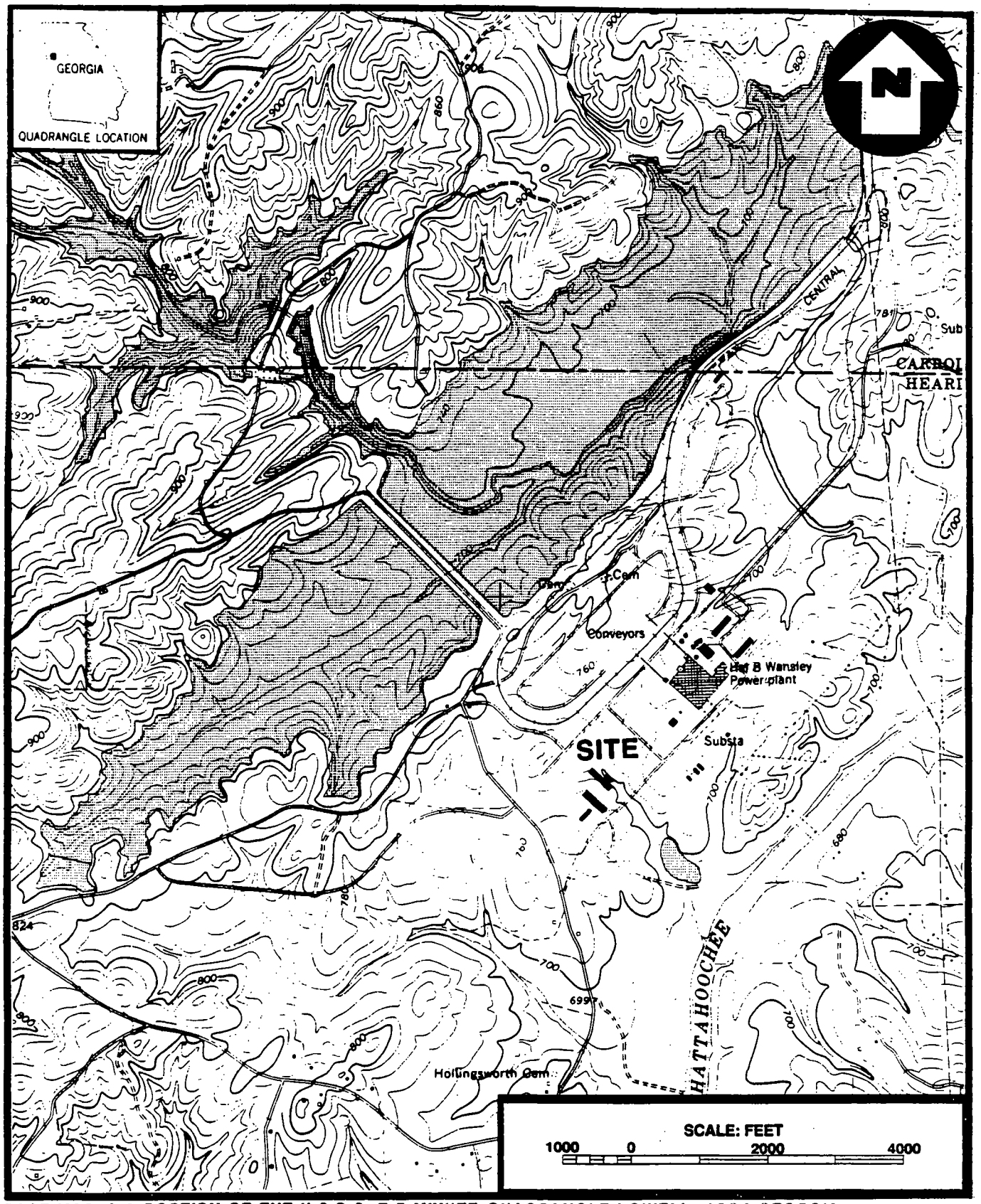
The plant is currently active and began operations in 1976 (Refs. 1, 2). The plant has always been operated by Georgia Power; although, the plant is jointly owned by Georgia Power Company, Oglethorpe Power Corporation, the Municipal Electric Authority of Georgia and the city of Dalton, Georgia (Ref. 2).

The primary objective of plant operations is generating electricity by boiling water in large tanks in order to produce steam that turns turbines that generate electricity (Ref. 2). Coal and/or oil is used as fuel to boil the water (Ref. 2).

Wastes generated at the plant include fly ash from burning coal, washings from boiler cleanings, and wastes generated from routine maintenance activities (Refs. 1, 2). Also, the facility at one time utilized PCB transformers; however, these were reportedly "changed out" with updated non-PCB type transformers and shipped to an authorized disposal facility (Ref. 1). Documentation of waste disposal activities (for wastes other than fly ash) prior to 1980 are unavailable (Ref. 2).

Waste fly ash and the majority of boiler cleaning waste (after neutralization) is pumped via pipeline into an unlined large lake known as the Ash Pond (Refs. 1; 2, Appendix A). Since 1980, all hazardous waste disposal practices at the facility have been in compliance with the Georgia Rules for Hazardous Waste Management (Ref. 2).

On November 18, 1980, the Georgia Power, Wansley Steam Electric Generating Station filed a RCRA Part A application (EPA Form 3510-1) as a TSD facility (Ref. 3). On August 15, 1983, the plant withdrew the aforementioned RCRA permit in order to be reclassified as a generator only with interim status (Ref. 4). However, it was later determined that the plant was a protective filer and never actually needed Interim Status (Ref. 5). Currently, the facility is still classified as a generator only (Refs. 1; 5).



BASE MAP IS A PORTION OF THE U.S.G.S. 7.5 MINUTE QUADRANGLE LOWELL, 1964 GEORGIA.

SITE LOCATION MAP
GEORGIA POWER - PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

FIGURE 1

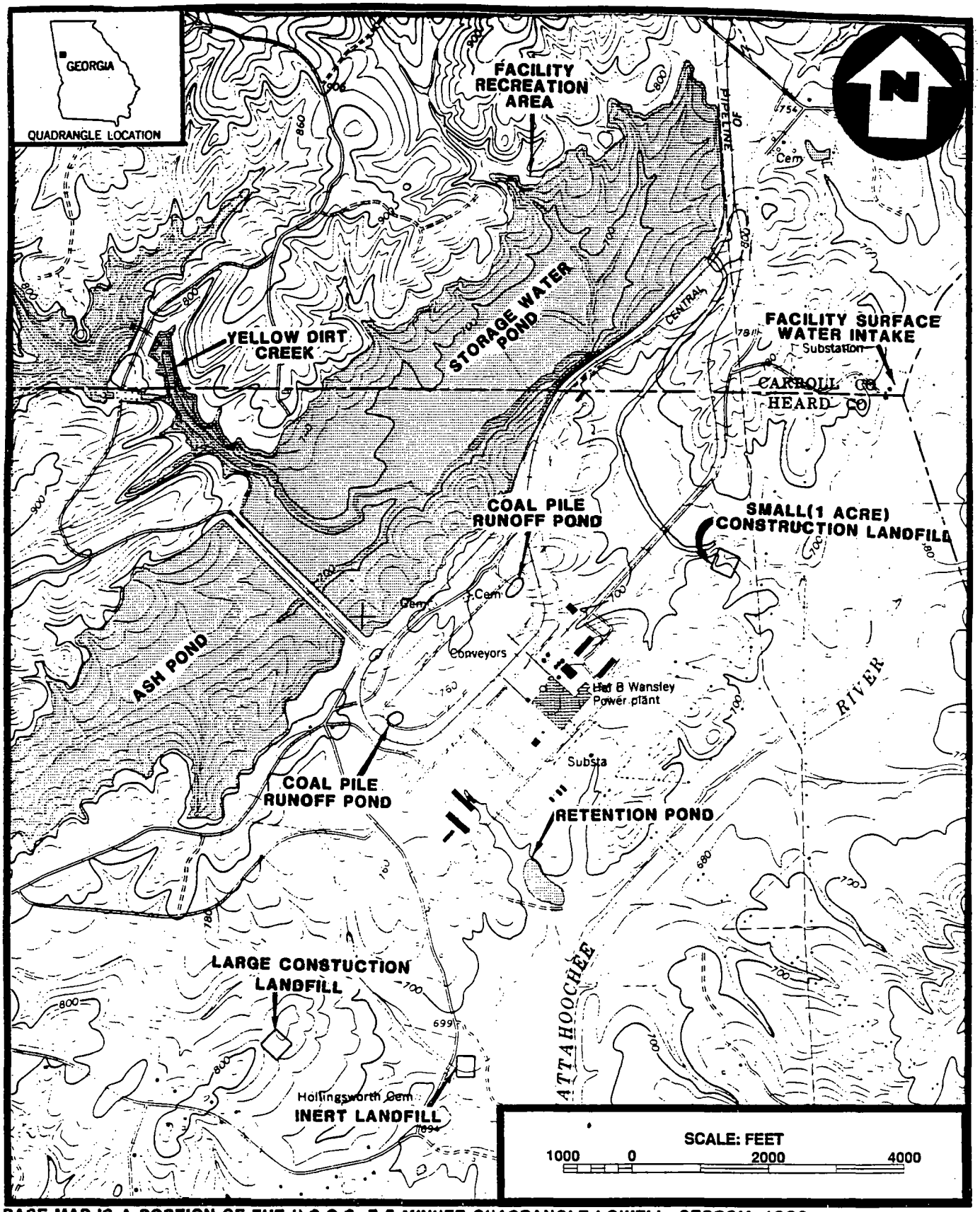
NUS CORPORATION

2.2 SITE DESCRIPTION

2.2.1 Site Features

As previously mentioned, the plant property occupies approximately 5,225 acres and employs approximately 325 people (Ref. 1). The property is bounded on the northern and western sides by wooded areas and the southern and eastern sides by wooded areas and the Chattahoochee River (Appendix A). There are two large lakes located approximately one-third of a mile northwest of the power plant. These lakes are both elongated southwest to northeast and are separated by an earth dike. Both of these lakes are supplied by numerous small feeder streams. The northeastern most of these two lakes (known as the Storage Water Pond) is largely supplied water by Yellow Dirt Creek which flows into the western end of the northern side of this lake. Yellow Dirt Creek also drains the Storage Water Pond at the eastern end. Drainage from this water body empties into the nearby Chattahoochee River. The southwestern most lake, known as the Ash Pond, is situated almost due west of the power plant and is used for both fly ash disposal and disposal of pretreated boiler washings (Appendix A) (Refs. 1; 2; 7). The Ash Pond is basically a closed basin that is equipped with an emergency spillway located at the south-central end of the pond (Figure 2). The spillway directs overflow water southward via a concrete lined ditch to a retention pond located southwest of the plant (Ref. 1). The Retention Pond is unlined and also receives cooling water discharge from the plant (Ref. 1). Cooling water enters the Retention Pond from an unlined ditch from the eastern side of the pond (Ref. 1). Water from the Retention Pond is released via a NPDES permitted (Permit No. GA0024778) unlined ditch into the Chattahoochee River (Refs. 1; 2). Other notable features include two landfills that were used for construction debris disposal during building the plant. One of these landfills, the Large Construction Landfill, is between 4 and 5 acres in size and is located south of the Ash Pond (Figure 2, Ref. 1). The other construction landfill, the Small Construction Landfill, occupies approximately 1 acre and is located south of the Storage Water Pond (Figure 2) (Ref. 1). Both of the construction landfills are inactive and were covered with grass in 1980 (Ref. 1). There is a third landfill located southeast of the Large Construction Landfill (Figure 2). This landfill, known as the Inert Landfill, is active and has been used for disposal of inert materials since either 1983 or 1984 (Ref. 1).

There is a large coal pile located just north and adjacent to the power plant (Figure 2). Also, there are small unlined precipitation run-off ponds at the southwestern and northeastern ends of the coal pile. There are also railroad tracks surrounding the coal pile (Figure 2).



BASE MAP IS A PORTION OF THE U.S.G.S. 7.5 MINUTE QUADRANGLE LOWELL, GEORGIA 1982.

SITE LAYOUT MAP
GEORGIA POWER-PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

FIGURE 2

NUS CORPORATION

2.2.2 Waste Characteristics

Wastes generated at the facility include fly ash, boiler cleaning washings, and wastes generated from miscellaneous maintenance activities (primarily painting) (Refs. 2, 3, 7). The vast majority of the waste generated at the plant is fly ash. Inorganic constituents of fly ash typically include sodium, calcium, magnesium, and iron and may contain various other inorganic ions (Refs. 8; 9). According to 40 CFR 261.4(b) (No. 4), neither the fly ash waste or the waste generated from boiler cleaning are considered to be hazardous wastes (Refs. 10; 11). The types of hazardous wastes handled at the power plant, according to the Part A application that the facility filed, include halogenated and non-halogenated solvents; carbon disulfide, phosphorothioic acid; acetone, 2-methyl benzenamine hydrochloride; 2,6-dinitrotoluene; 1,1,1 trichloroethane, tetrachloroethene; formaldehyde; formic acid; hydrofluoric acid; mercury; tetrachloromethane; methanol, phenol; toluene; and methyl ethyl ketone (Refs. 10; 11, pp. 405-435; 12). Since 1980, these wastes have been drummed, temporarily stored, and shipped to either Chemical Waste Management (ALD000622464) or Safety Kleen Corporation (GAD000823070) for disposal or reclamation (Refs. 10; 12). The ash and boiler washings, as previously mentioned, are piped to the Ash Pond for disposal (Refs. 1; 2; 7).

3.0 REGIONAL POPULATIONS AND ENVIRONMENTS

3.1 POPULATION AND LAND USE

3.1.1 Demography

The Georgia Power, Wansley Steam Electric Generating Station is located in a rural area in northeastern Heard County, Georgia (Appendix A). Population within 0.5 mile is zero, and the population within 1 mile is approximately 187 (68 homes x 2.75) (Ref. 13, Appendix A). The respective populations from 1 to 2, 2 to 3, and 3 to 4 miles from the facility are 385 (140 x 2.75), 679 (247 x 2.75), and 2,215 (Appendix A, Refs. 13; 14). The total population within 4 miles of the property is approximately 3,466 (Appendix A, Refs. 13; 14). The residence nearest the property is located approximately 0.5 mile north adjacent to Liberty Church Road (Appendix A).

3.1.2 Land Use

The majority of the land surrounding the facility is wooded (Appendix A). Historically, much of this area has been utilized for farming; however, pulpwood companies have purchased a significant number of these farms and have converted them into forest (Ref. 15, p. 59). There are no schools or day-care centers in the vicinity of the power plant, and the nearest communities are present west and north of the plant (Appendix A). The only communities within 4 miles of the power plant are Glenloch, located approximately 1.5 miles west of plant property, and Lowell, which is located approximately 2.5 miles to the north (Appendix A).

There are no federally-designated endangered species specifically known to be present within the study area. However. four federally-designated endangered species; the Florida panther (Felis concolor coryi), the bald eagle (Haliaeetus loucocephalus), the Bachman's warbler (Vermivora bachmanii), and the red-cockaded woodpecker (Picoides (= Dendrocopos) borealis); have ranges that include the study area (Ref. 16).

3.2 SURFACE WATER

3.2.1 Climatology

The climate in the study area is characterized by long and moderately hot summers and short, mild winters (Ref. 15, p. 1). The areas normal annual precipitation is approximately 50 inches; and the net annual rainfall is approximately 8 inches (Ref. 17, pp. 43, 63). The 2-year, 24-hour rainfall is approximately 4 inches (Ref. 18, p. 95).

3.2.2 Overland Drainage

There are three primary drainage pathways exiting the property (Appendix A). One of these pathways originates at the Ash Pond. This route allows for overflow to exit the southern side of the Ash Pond via a concrete lined ditch. This ditch leads to an unlined retention pond located southwest of the power plant. This retention pond also receives cooling water discharge from the power plant. The retention pond is drained by an unlined ditch (approximately 1,000 feet in length) which empties into the Chattahoochee River (Appendix A; Ref. 1). This pathway is monitored via a NPDES permit (Refs. 1; 2).

Another major drainage system at the plant is centered at the Storage Water Pond (Appendix A). This pond is fed by Yellow Dirt Creek which flows into the western end of the northern side of this pond (Figure 2). This system is also drained by Yellow Dirt Creek at the eastern end of the pond (Figure 2). Upon flowing out of the Storage Water Pond, Yellow Dirt Creek flows southward approximately 1.7 miles before entering the Chattahoochee River (Figure 2).

The remaining pathway consists of a small tributary of the Chattahoochee River located near the southwestern end of the property (Figure 2). This tributary flows between the Large Construction Landfill and the Inert Landfill (Figure 2). This pathway flows a maximum of 2 miles prior to reaching the confluence with the Chattahoochee River (Appendix A). This pathway enters the Chattahoochee River at the most downstream point compared to the other two aforementioned pathways (Figure 2). From this confluence, the migratory pathway is completed along the Chattahoochee River (Appendix A).

3.2.3 Potentially Affected Water Bodies

The only offsite body of water that could potentially be affected is the Chattahoochee River (Appendix A). The Chattahoochee River as well as all onsite surface waters (other than the Ash Pond)

are utilized for recreational boating and fishing (Refs. 19; 20). The nearest downstream potable intake is approximately 30 stream miles away and owned/operated by the city of LaGrange Water Department (Ref. 20). There are no federally designated endangered or threatened species identified to be present along the surface water migratory pathway (Ref. 16).

3.3 GROUNDWATER

3.3.1 Hydrogeology

The Georgia Power - Plant Wansley facility is located in the Piedmont physiographic province and the Piedmont Blue Ridge hydrogeologic setting (Refs. 21, p. 3; 22, pp. 251, 252). The facility is situated along the Chattahoochee River in the northeast corner of Heard County. The area is characterized by rolling hills with moderate relief. Elevations in the vicinity average approximately 800 feet above mean sea level (amsl) (Appendix A).

The Piedmont province is characterized by massive igneous and metamorphic rocks which have been warped and faulted into complex folds and refolded folds by regional stresses (Ref. 23, p. 7). The southwestern edge of the Brevard fault zone, a major northeast-southwest trending structural feature in the Atlanta area, is located beneath the property (Ref. 23, plate 1). This area is typified by crystalline bedrock overlain by a thin veneer residual soil and weathered rock called regolith.

The crystalline bedrock and weathered rock beneath the Georgia Power - Plant Wansley property consists of amphibolite, hornblende, and biotite gneisses (Ref. 21, plates IB West, II). Groundwater in this residual soil/crystalline rock aquifer system occupies joints, fractures, and other secondary openings in bedrock, and pore spaces of overlying residual materials (Ref. 23, pp. 7, 9). The occurrence of water in the crystalline rock aquifer is controlled by these secondary openings. A well located approximately 2 miles from the site was reportedly drilled to a depth of 230 feet below land surface (bls) and cased to a depth of 46 feet bls (Ref. 23, p. 84) (Appendix A). The well yielded water at a rate of 40 gallons per minute (gpm). Depth to groundwater is highly variable dependent upon soil thickness and topographic expression (Ref. 23, p. 40). During the field investigation, groundwater was encountered as shallow as 4 feet below land surface and is often greater than 20 feet below land surface (Ref. 25). Groundwater flow in the Piedmont province is usually toward the streams and rivers, perpendicular to topographic contour lines and is thus quite variable in direction. Recharge into the aquifer occurs mainly through rainfall (Ref. 23, p. 9). The hydraulic conductivity for sediments similar to these is approximately 1.0×10^{-5} cm/sec (Ref. 24, p. 29).

3.3.2 Aquifer Use

The aquifer of concern within the study area is the unconfined crystalline rock aquifer. Although there are some portions of the study area supplied with municipal water (obtained from surface water sources), the majority of residents within the study area rely upon private wells for potable water (Refs. 25; 26; Appendix A). A breakdown of the number of residences that utilize wells for potable water in the study area (based on a 2.75 persons per household multiplier) is as follows: 102 (37 x 2.75) from 0 to 1 mile; 302 (110 x 2.75) from 1 to 2 miles; 544 (198 x 2.75) from 2 to 3 miles; and 605 (220 x 2.75) from 3 to 4 miles (Ref. 13, Appendix A). There are approximately 1,553 individuals within 4 miles of the power plant who rely upon private wells for potable water (Ref. 13, Appendix A). The nearest private well to the facility is located approximately 0.75 mile south (Appendix A).

4.0 FIELD INVESTIGATION

4.1 SAMPLE COLLECTION

During the field investigation, conducted September 16, 1990, FIT 4 attempted to identify and characterize contaminants which may be present in the environment as a result of activities that were conducted at Georgia Power - Wansley Steam Electric Generating Plant. To accomplish this, FIT 4 collected environmental surface soil, subsurface soil, groundwater, surface water, and sediment samples from a number of strategic locations. These locations were selected based on historical information, hydrogeological data for the region and site area, and direct observation at the site.

4.1.1 Sample Collection Methodology

All sample collection, sample preservation, and chain-of-custody procedures used during this investigation were in accordance with the standard operating procedures as specified in Sections 3 and 4 of the Environmental Compliance Branch Standard Operating Procedures and Quality Assurance Manual; U.S. Environmental Protection Agency, Region IV, Environmental Services Division, February 1, 1991.

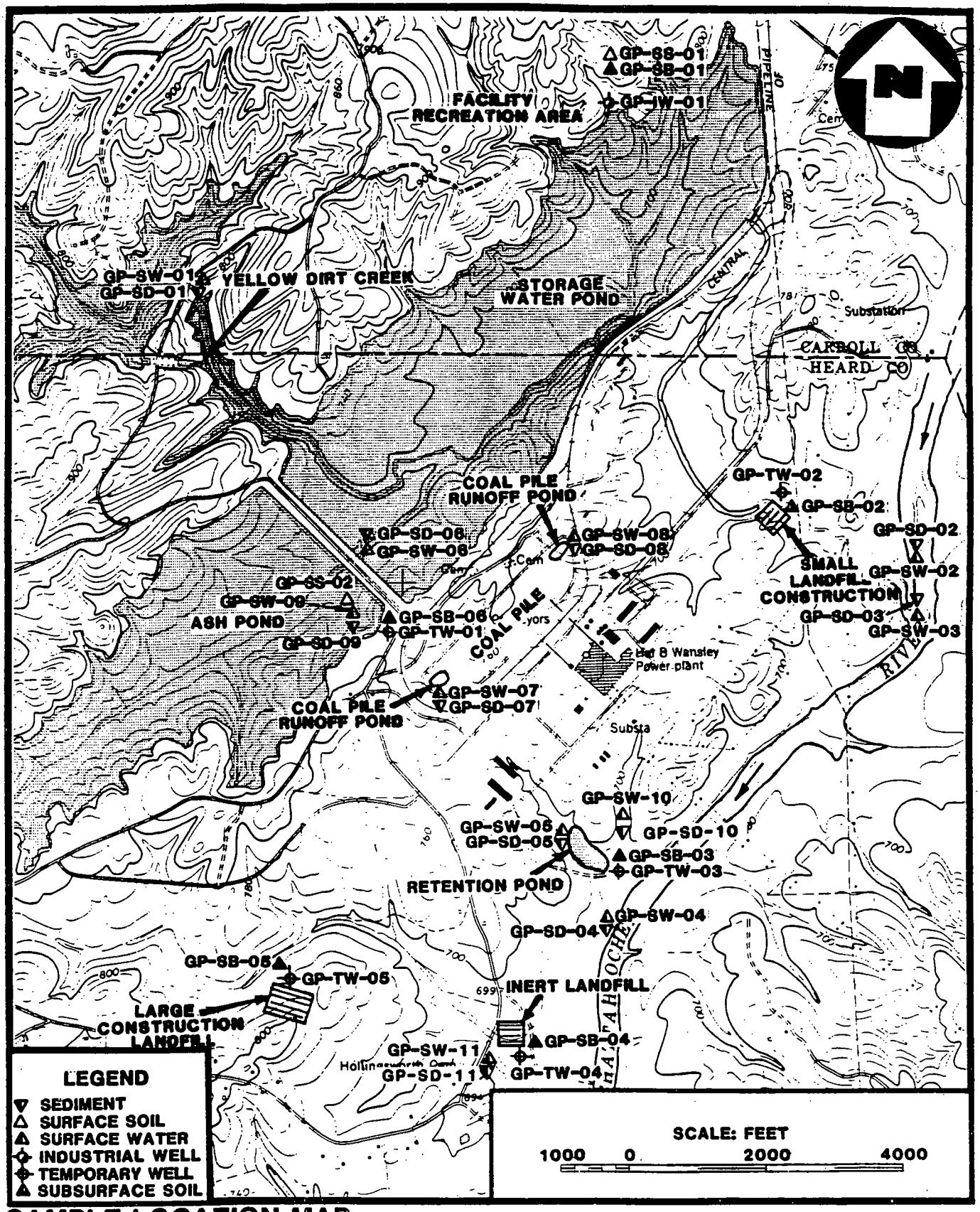
4.1.2 Duplicate Samples

Duplicate samples were offered to and accepted by Carolyn Kennedy and M.E. Sloop, designated representatives of Georgia Power - Wansley Steam Electric Generating Plant. Receipt for sample forms are on file at FIT 4.

4.1.3 Description of Samples and Sample Locations

During the sampling investigation, a total of 33 environmental samples were collected. All sample locations are shown in Figure 3. Sample codes, descriptions, locations, and rationale are contained in Table 1.

Surface soil samples were collected from two sampling points during the field investigation. The background surface soil sample GP-SS-01 was collected from the northern portion of the facility property at the employee recreation area (Figure 3) The other surface soil sample GP-SS-02 was collected from an ash delta that had formed in the easternmost corner of the Ash Pond (Figure 3).



SAMPLE LOCATION MAP
GEORGIA POWER - PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

FIGURE 3

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TABLE 1

SAMPLE CODES, DESCRIPTIONS, LOCATIONS, AND RATIONALE
GEORGIA POWER WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA

Sample Code	Sample Type	Location	Rationale
GP-SS-01	Surface Soil	Northern portion of the property, north of the Storage Water Pond at the Facility Recreation Area Campground	Background surface soil sample
GP-SS-02	Surface Soil	Located in the easternmost corner of the Ash Pond where ash has accumulated to the point of filling in portions of the pond	Ash sample
GP-SB-01	Subsurface Soil	Collected from the northeastern portion of the property, north of the Storage Water Pond at the Facility Recreation Area Campground (Collected at 5 feet blsd)	Background subsurface soil sample
GP-SB-02	Subsurface Soil	Collected from the northeastern corner of the Small Construction Landfill which is located northeast of the Power Plant main operational area (Collected 7 feet blsd)	To identify the presence or absence of subsurface soil contamination downgradient from the landfill
GP-SB-03	Subsurface Soil	Collected from the southern side of the facility Cooling Water Retention Pond which is located almost due south of the power plant (Collected at 3 feet blsd)	To identify the presence or absence of subsurface soil contamination
GP-SB-04	Subsurface Soil	Collected downgradient, due south of the Inert Landfill which is located south of the power plant (Collected 12 feet blsd)	To identify the presence or absence of subsurface soil contamination downgradient from the Inert Landfill
GP-SB-05	Subsurface Soil	Collected downgradient, south of the Large Construction Landfill which is located southwest of the power plant (Collected 10 feet blsd)	To identify the presence or absence of subsurface soil contamination downgradient from the Large Construction Landfill
GP-SB-06	Subsurface Soil	Collected adjacent to the easternmost corner of the Ash Pond (Collected at 7.5 feet blsd)	To determine the presence or absence of subsurface soil contamination

GP - Georgia Power
SS - Surface Soil
SB - Subsurface Soil
IW - Industrial Well (Groundwater)
TW - Temporary Well (Groundwater

SW - Surface Water
SD - Sediment
blsd - below land surface datum

TABLE 1

SAMPLE CODES, DESCRIPTIONS, LOCATIONS, AND RATIONALE
GEORGIA POWER WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA

Sample Code	Sample Type	Location	Rationale
GP-IW-01	Groundwater	Collected from the facility well located at the Recreation Area (Total depth of well approximately 45 feet)	Background groundwater sample
GP-TW-01	Groundwater	Collected southeast and approximately 800 feet from the easternmost corner of the Ash Pond (Collected at 13 feet blsd)	To identify the presence or absence of contamination of groundwater near the Ash Pond
GP-TW-02	Not Collected		
GP-TW-03	Groundwater	Collected from the southern side of the facility cooling water Retention Pond which is located almost due south of the power plant (Collected 4 feet blsd)	To identify the presence or absence of groundwater contamination in this area
GP-TW-04	Groundwater	Collected downgradient, due south of the Inert Landfill which is located south of the power plant (Collected at 14 feet blsd)	To identify the presence or absence of groundwater contamination downgradient of the Inert Landfill
GP-SW-01	Surface Water	Collected upstream from the Storage Water Pond from Yellow Dirt Creek	Background surface water sample
GP-SW-02	Surface Water	Collected from the Chattahoochee River upstream from the facility at the power plant water intake (At the end of the boat ramp)	Control sample from the Chattahoochee River. For comparison with (GP-SW-04) facility waters entering the Chattahoochee River
GP-SW-03	Surface Water	Collected from the southern corner of the Storage Water Pond adjacent to the dike separating the Storage Water Pond and the Ash Pond	To identify the presence or absence of potential contaminants leaching through the containment dike from the Ash Pond into the Storage Water Pond
GP-SW-04	Surface Water	Collected from the confluence of the NPDES discharge and the Chattahoochee River	To identify the presence or absence of surface water contamination entering the Chattahoochee River from the facility

GP - Georgia Power
SS - Surface Soil
SB - Subsurface Soil
IW - Industrial Well (Groundwater)
TW - Temporary Well (Groundwater
SW - Surface Water
SD - Sediment
blsd - below land surface datum

TABLE 1

SAMPLE CODES, DESCRIPTIONS, LOCATIONS, AND RATIONALE
GEORGIA POWER WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA

Sample Code	Sample Type	Location	Rationale
GP-SW-05	Surface Water	Collected from the facility Cooling Water Retention Pond south of the power plant	To identify the presence or absence of surface water contamination in the Retention Pond
GP-SW-06	Surface Water	Collected from the Coal Pile Run-off Pond located at the northeastern end of the Coal Pile	To identify the presence or absence of surface water contamination from the Coal Pile
GP-SW-07	Surface Water	Collected from the Coal Pile Run-off Pond located at the southeastern end of the Coal Pile	To identify the presence or absence of surface water contamination from the Coal Pile
GP-SW-08	Not Collected		
GP-SW-09	Surface Water	Collected from the easternmost corner of the Ash Pond	To identify the presence or absence of surface water contamination in the Ash Pond
GP-SW-10	Surface Water	Collected from a cooling water effluent drainage northeast of the Retention Pond	To identify the presence or absence of surface water contamination
GP-SW-11	Surface Water	Collected from a creek downslope of the Inert Landfill	To identify the presence or absence of surface water contamination
GP-SD-01	Sediment	Collected upstream from the Storage Water Pond from Yellow Dirt Creek	Background sediment sample
GP-SD-02	Sediment	Collected from the Chattahoochee River upstream from the facility at the power plant water intake (At the end of the boat ramp)	Control sample from the Chattahoochee River. For comparison with (GP-SD-04) facility waters entering the Chattahoochee River

GP - Georgia Power
SS - Surface Soil
SB - Subsurface Soil
IW - Industrial Well (Groundwater)
TW - Temporary Well (Groundwater

SW - Surface Water
SD - Sediment
blsd - below land surface datum

TABLE 1

SAMPLE CODES, DESCRIPTIONS, LOCATIONS, AND RATIONALE
GEORGIA POWER WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA

Sample Code	Sample Type	Location	Rationale
GP-SD-03	Sediment	Collected from the southern corner of the Storage Water Pond adjacent to the dike separating the Storage Water Pond and the Ash Pond	To identify the presence or absence of potential contaminants leaching through the containment dike from the Ash Pond into the Storage Water Pond
GP-SD-04	Sediment	Collected from the confluence of the NPDES discharge and the Chattahoochee River	To identify the presence or absence of sediment contamination entering the Chattahoochee River from the facility
GP-SD-05	Sediment	Collected from the facility Cooling Water Retention Pond south of the power plant	To identify the presence or absence of sediment contamination in the Retention Pond
GP-SD-06	Sediment	Collected from the Coal Pile Run-off Pond located at the northeastern end of the Coal Pile	To identify the presence or absence of sediment contamination from the Coal Pile
GP-SD-07	Sediment	Collected from the Coal Pile Run-off Pond located at the southeastern end of the Coal Pile	To identify the presence or absence of sediment contamination from the Coal Pile
GP-SD-08	Sediment	Collected from a ditch that appeared to have once been routed from the Retention Pond southeast	To identify the presence or absence of contamination
GP-SD-09	Sediment	Collected from the southern corner of the Ash Pond	To identify the presence or absence of sediment contamination in the Ash Pond
GP-SD-10	Sediment	Collected from a cooling water effluent drainage northeast of the Retention Pond	To identify the presence or absence of sediment contamination

GP - Georgia Power
SS - Surface Soil
SB - Subsurface Soil
IW - Industrial Well (Groundwater)
TW - Temporary Well (Groundwater

SW - Surface Water
SD - Sediment
blsd - below land surface datum

TABLE 1

SAMPLE CODES, DESCRIPTIONS, LOCATIONS, AND RATIONALE
GEORGIA POWER WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA

Sample Code	Sample Type	Location	Rationale
GP-SD-11	Sediment	Collected from a creek downslope of the Inert Landfill	To identify the presence or absence of sediment contamination

GP - Georgia Power
SS - Surface Soil
SB - Subsurface Soil
IW - Industrial Well (Groundwater)
TW - Temporary Well (Groundwater

SW - Surface Water
SD - Sediment
blsd - below land surface datum

Five subsurface soil samples were collected from the facility. The background subsurface soil sample was collected from the same location as background surface soil sample GP-SS-01, at the employee recreation area. A subsurface soil sample was collected from a downgradient location at each of the three facility landfills. Subsurface soil sample GP-SB-02 was collected downgradient (northeastern corner) from the Small Construction Landfill, sample GP-SB-04 was collected downgradient (south) from the Inert Landfill, and subsurface soil sample GP-SB-05 was collected downgradient (south) from the Large Construction Landfill (Figure 3). Subsurface soil sample GP-SB-03 was collected from the southern side of the facility retention pond, and the remaining subsurface soil sample GP-SB-06 was collected adjacent to the easternmost corner of the Ash Pond (Figure 3).

A total of four groundwater samples were collected during the investigation. The background groundwater sample GP-IW-01 was collected from a potable well located at the facility recreation area. Sample GP-TW-01 was collected downgradient from the Ash Pond. Another groundwater sample, GP-TW-03, was collected adjacent to the facility Retention Pond, whereas, the final groundwater sample, GP-TW-04, was collected downgradient from the Inert Landfill (Figure 3).

The background surface water sample GP-SW-01, was collected upstream from the Storage Water Pond in Yellow Dirt Creek (Figure 3). It was also necessary to collect a control sample, GP-SW-02, from an upstream location in the Chattahoochee River. This sample was collected upstream from the facility near the facility intake on the Chattahoochee River (Figure 3). Control sample GP-SW-02 was collected to compare with sample GP-SW-04 which was collected from the confluence of the facility NPDES effluent and the Chattahoochee River (Figure 3). The remaining seven surface water samples were collected from facility property to be compared to background sample GP-SW-01. The specific locations and rationale of these seven surface water samples are identified in Figure 3 and Table 1; however, a brief breakdown of these is as follows: Sample GP-SW-03 was collected from the Storage Water Pond, sample GP-SW-05 was collected from the Retention Pond, samples GP-SW-06 and GP-SW-07 were collected from run-off ponds that are located at each end of the Coal Pile, surface water sample GP-SW-09 was collected near the easternmost corner of the Ash Pond, sample GP-SW-10 was collected from a cooling water effluent drainage northeast of the Retention Pond, and surface water sample GP-SW-11 was collected from a creek downgradient of the Inert Landfill.

A total of eleven sediment samples were collected during the field investigation. As in the surface water samples, a background sediment sample GP-SD-01 was collected upstream from the Storage Water Pond in Yellow Dirt Creek (Figure 3). A control sample GP-SD-02 was collected from an upstream location in the Chattahoochee River. This sample was collected for comparison with GP-SD-04 which was collected from the confluence of the facility NPDES effluent and the Chattahoochee River (Figure 3). Except for sample GP-SD-08, all other sediment sampling locations

are synonymous with surface water samples of the same numeric identifier. Sediment sample GP-SD-08 was collected that appears to have at one time drained the Retention Pond on the southwestern side of the Retention Pond (Figure 3).

4.1.4 Field Measurements

Field measurements were performed on all water samples (Table 2). Parameters measured included temperature, pH, and conductivity of the sample at time of collection. No field measurements were performed on the soil samples during this investigation.

4.2 SAMPLE ANALYSIS

4.2.1 Analytical Support and Methodology

All samples collected were analyzed under the Contract Laboratory Program (CLP) and analyzed for all organic and inorganic parameters listed in the Target Compound List (TCL). Organic analysis of soil and water samples was performed by Ecotek Laboratory Services, Inc. in Atlanta, Georgia. Inorganic analysis of soil and water samples was performed by Skinner and Sherman of Waltham, Massachussetts.

All laboratory analyses and laboratory quality assurance procedures used during this investigation were in accordance with standard procedures and protocols as specified in the Laboratory Operations and Quality Control Manual, U.S. Environmental Protection Agency (EPA), Region IV, Environmental Services Division, issued October 24, 1990; or as specified by the existing EPA standard procedures and protocols for the CLP Statement of Work, as applicable.

4.2.2 Analytical Data Quality and Data Qualifiers

All analytical data were subjected to a quality assurance review as described in the EPA Environmental Services Division laboratory data evaluation guidelines. In the tables, some of the concentrations of the organic and inorganic parameters have been flagged with a "J". This indicates that the qualitative analysis was acceptable, but the quantitative value has been estimated. A few other compounds are flagged with an "N", indicating that they were detected based on the presumptive evidence of their presence. This means that the compound was tentatively identified, and its detection cannot be used as positive identification of its presence. Results for some background samples are reported with a "U" flag. This flag means that the material was analyzed for but not detected. The reported number is the laboratory-derived minimum quantitation limit (MQL)

TABLE 2

FIELD MEASUREMENTS
GEORGIA POWER WANSLEY STEAM ELECTRIC GENERATING PLANT
ROOPVILLE, HEARD COUNTY, GEORGIA

Sample Code	Date (1990)	Time	pH	Temp. (°C)	Conductivity (umhos/cm)
GP-SW-01	9-17	1550	6.5	18	57
GP-SW-02	9-17	1740	6.3	24	107
GP-SW-03	9-20	0950	6.5	26	413
GP-SW-04	9-18	0950	7.6	29	377
GP-SW-05	9-18	1140	7.2	30	235
GP-SW-06	9-18	1645	4.5	28	469
GP-SW-07	9-18	1705	3.1	27	1111
GP-SW-08	Not Collected	-	-	-	-
GP-SW-09	9-20	0915	8.0	27	647
GP-SW-10	9-18	1220	7.1	30	126
GP-SW-11	9-18	1605	6.6	25	56
GP-IW-01	9-17	1640	6.4	21	55
GP-TW-01	9-19	1540	4.3	28	832
GP-TW-02	Not Collected	-	-	-	-
GP-TW-03	9-18	1120	5.8	25	261
GP-TW-04	9-18	1520	4.7	25	23

GP - Georgia Power
TW - Temporary Well
SW - Surface Water
IW - Industrial Well

for the compound or element in that sample. At times, miscellaneous organic compounds that do not appear on the target compound list are reported with a data set. These compounds are labeled as "JN", indicating that they are tentatively identified at estimated quantities. Because these compounds are not routinely analyzed for or reported, background levels or MQL values are not generally available for comparison. Groundwater and surface water sample results are compared to the national primary drinking water standard maximum contaminant levels (MCLs) for organic and inorganic analytes. The complete analytical data sheets are presented in Appendix B. It should be noted that trichlorotrifluorethane was reported in the soil trip blank, GP-TB-01S (50JN ug/kg).

4.2.3 Presentation of Analytical Results

This section presents a discussion and interpretation of the analytical results from the environmental samples collected during the investigation at Georgia Power - Wansley Steam Electric Generating Plant. Results of surface soil, subsurface soil, groundwater, surface water, and sediment samples are presented in Tables 3, 4, 5, 6, 7, 8, 9, 10, and 11. Background samples have been designated for all media. Values for background sample results are presented as either a measured value or as the MQL. Samples containing concentrations of contaminants greater than 3 times the background level or MQL of these contaminants are considered to be elevated. These samples are noted in the text.

4.2.3.1 Summary of Organic Analytical Results

Organic analytical results for samples collected at Georgia Power Plant Wansley are presented in Tables 3, 5, 7, and 9. No Target Compound List (TCL) organic compounds were reported in surface or subsurface soils samples. Trichlorotrifluorethane, a Tentatively Identified Compound (TIC), was detected in a subsurface soil sample collected from the inert landfill (GP-SB-04), the large construction landfill (GP-SB-05), and the ash pond (GP-SB-06). Of the nine sediment samples collected at the facility, three reported the presence of this purgeable organic. These were sediment samples from the storage water pond (GP-SD-03) and from the coal pile run-off pond (GP-SD-06, GP-SD-07). Trichlorotrifluorethane is a very volatile compound used as an organic degreasing solvent and also as an insulating fluid in transformers (Refs. 27, 28). The use of either halogenated solvents or PCB-substitutes in transformers at the facility could account for the presence of this compound in the soil samples.

When compared with sediment control sample GP-SD-02, both of the coal pile run-off pond samples (GP-SD-06, GS-SD-07) contained elevated concentrations of phenanthrene. Phenanthrene is a polynuclear aromatic compound (PNA). Members of this chemical family are normally found in fossil fuels. It is known that coal and/or oil are used as fuel at the facility. The presence of petroleum

TABLE 3

SUMMARY OF ORGANIC ANALYTICAL RESULTS
SOIL SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/kg)	Soil Trip Blank GP-TB-01S	Background Surface Soil GP-SS-01	Ash Sample GP-SS-02	Background Subsurface Soil GP-SB-01	Small Construction Landfill GP-SB-02	Retention Pond GP-SB-03	Inert Landfill GP-SB-04	Large Construction Landfill GP-SB-05	Near Ash Pond GP-SB-06
PURGEABLE COMPOUNDS									
TRICHLOROTRIFLUOROETHANE(1)	50JN						80JN	70JN	100JN

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
N Presumptive evidence of presence of material.
(1) Tentatively identified and unidentified compounds. This compound is not on Target Compound List and is reported only as detected in individual samples; MQL not determined.

TABLE 4

SUMMARY OF INORGANIC ANALYTICAL RESULTS
SOIL SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (mg/kg)	Background Surface Soil GP-SS-01	Ash Sample GP-SS-02	Background Subsurface Soil GP-SB-01	Small Construction Landfill GP-SB-02	Retention Pond GP-SB-03	Inert Landfill GP-SB-04	Large Construction Landfill GP-SB-05	Ash Pond GP-SB-06
ALUMINUM	22,000	11,000	23,000	15,000	15,000	26,000	8700	20,000
ANTIMONY	26J	-	32JN	-	-	-	-	18J
ARSENIC	2UJ	20J	2.1UJ	-	-	-	7.5J	3.4
BARIUM	83	110	81	73	250	86	31	120
BERYLLIUM	2U	1.5	2.9	-	-	-	-	-
CALCIUM	1400	11,000	100U	700	1800	-	1800	290
CHROMIUM	36J	33J	33J	8.6J	11J	12J	22J	34J
COBALT	17	3	51	12	42	2.9	-	30
COPPER	17J	-	33J	-	-	45J	-	34J
IRON	41,000	9800	53,000	28,000	29,000	23,000	22,000	37,000
LEAD	10UJ	21J	-	-	-	-	-	-
MAGNESIUM	3700	880	5800	3000	6200	2500	510	5400
MANGANESE	340	84	840	300	3400	79	67	500
NICKEL	11	13	14	5.8	7.4	-	2.6	21
POTASSIUM	3800	930	6000	2500	4600	2900	610	4600
THALLIUM	0.45U	2.1	-	-	-	-	-	-
VANADIUM	34	59	34	54	75	39	35	64
ZINC	74J	120J	150J	-	52J	-	-	61J

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
U Material was analyzed for but not detected. The number given is the MQL.

TABLE 5

SUMMARY OF ORGANIC ANALYTICAL RESULTS
SEDIMENT SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/kg)	Background GP-SD-01	Control GP-SD-02	Storage Water Pond GP-SD-03	NPDES/River Confluence GP-SD-04	Retention Pond GP-SD-05	Coal Pile Run-off Ponds GP-SD-06	Coal Pile Run-off Ponds GP-SD-07	Retention Pond Ditch GP-SD-08	Ash Pond GP-SD-09
PURGEABLE COMPOUNDS									
TRICHLOROTRIFLUOROETHANE(1)			50JN			200JN	100JN		
EXTRACTABLE COMPOUNDS									
NAPHTHALENE	690U	560U	-	-	-	340J	-	-	-
2-METHYLNAPHTHALENE	690U	560U	-	-	-	800	260J	-	160J
DIBENZOFURAN	690U	560U	-	-	-	350J	140J	-	83J
PHENANTHRENE	690U	120J	-	140J	-	1000	390J	-	270J
ANTHRACENE	690U	560U	-	-	-	160J	66J	-	55J
FLUORANTHENE	690U	240J	-	320J	-	-	-	-	-
PYRENE	690U	190J	-	280J	-	230J	70J	-	75J
BENZYL BUTYL PHTHALATE	690U	560U	-	78J	-	-	-	-	-
CHRYSENE	690U	110J	-	190J	-	130J	-	-	60J
BENZO(B AND/OR K)FLUORANTHENE	690U	110J	-	320J	-	-	-	-	-
BENZO-A-PYRENE	690U	560U	-	160J	-	-	-	-	-
HEXADECENOIC ACID(1)				900JN					
HEXADECANOIC ACID(1)				3000JN					

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
N Presumptive evidence of presence of material.
U Material was analyzed for but not detected. The number given is the MQL.
(1) Tentatively identified and unidentified compounds. This compound is not on Target Compound List and is reported only as detected in individual samples; MQL not determined.

TABLE 5

SUMMARY OF ORGANIC ANALYTICAL RESULTS
SEDIMENT SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/kg)	Background GP-SD-01	Control GP-SD-02	Storage Water Pond GP-SD-03	NPDES/River Confluence GP-SD-04	Retention Pond GP-SD-05	Coal Pile Run-off Ponds GP-SD-06	Coal Pile Run-off Ponds GP-SD-07	Retention Pond Ditch GP-SD-08	Ash Pond GP-SD-09
PETROLEUM PRODUCT(1)				N		N	N		N
DIMETHYLNAPHTHALENE(1)						2000JN/3	600JN/2		600JN/2
TRIMETHYLNAPHTHALENE(1)						800JN			200JN
ETHYLDIMETHYLAZULENE(1)						1000JN	400JN		400JN
UNIDENTIFIED COMPOUNDS(1)	5000J/4			5000J/3		10,000J/15	6000J/6	5000J/3	1000J/1
PESTICIDE\PCB COMPOUNDS									
DELTA-BHC	16U	13U	-	-	-	-	98	-	34
ENDOSULFAN SULFATE	32U	26U	-	-	-	140	85	-	21J

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
N Presumptive evidence of presence of material.
U Material was analyzed for but not detected. The number given is the MQL.
(1) Tentatively identified and unidentified compounds. This compound is not on Target Compound List and is reported only as detected in individual samples; MQL not determined.

TABLE 6

SUMMARY OF INORGANIC ANALYTICAL RESULTS
SEDIMENT SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

	Background	Control	Storage Water Pond	NPDES/River Confluence	Retention Pond	Coal Pile Run-off Ponds		Retention Pond Ditch	Ash Pond
PARAMETERS (mg/kg)	GP-SD-01	GP-SD-02	GP-SD-03	GP-SD-04	GP-SD-05	GP-SD-06	GP-SD-07	GP-SD-08	GP-SD-09
ALUMINUM	12,000	9500	3800	17,000	19,000	3600	3200	17,000	13,000
ANTIMONY	9.3UR	7.9UR	-	-	-	-	-	30J	-
ARSENIC	2UJ	2UJ	-	6.2J	-	4.5J	4.5J	34J	-
BARIUM	60	87	13	140	110	51	28	140	170
CALCIUM	300U	480	210	1600	450	410	380	2100	6800
CHROMIUM	13J	16J	-	30J	14J	11J	14J	30J	43J
COBALT	3U	6.8	-	15	9.1	2.7	6.3	34	12
COPPER	20UJ	20UJ	-	34J	26J	21J	-	33J	28J
IRON	19,000	15,000	7800	27,000	34,000	15,000	12,000	32,000	20,000
LEAD	10UJ	20UJ	-	36J	-	-	-	-	28J
MAGNESIUM	1700	2700	390	3500	5800	1500	1000	5100	2900
MANGANESE	91	350	59	820	390	50	89	440	280
NICKEL	5.6	5.9	-	11	-	6.7	7.8	18	22
POTASSIUM	1400	2700	450	3300	1700	1500	1100	3700	3000
SELENIUM	0.72UR	0.55UR	-	1.8J	-	2.4J	1.5J	-	-
SILVER	1.5U	1.3U	3.5	-	-	-	-	-	-
THALLIUM	0.72U	0.55U	-	-	-	-	-	-	4.2
VANADIUM	16	23	2.5	59	76	24	20	67	88
ZINC	40UJ	82J	-	130J	130J	-	-	290J	150J

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
U Material was analyzed for but not detected. The number given is the MQL.
R Quality Control indicates that data is unusable. Compound may or may not be present.

TABLE 7

SUMMARY OF ORGANIC ANALYTICAL RESULTS
GROUNDWATER SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/l)	Preservative Blank	Background	Downgradient		
			Ash Pond	Retention Pond	Inert Landfill
	GP-PB-01	GP-IW-01	GP-TW-01	*GP-TW-03	GP-TW-04
EXTRACTABLE COMPOUNDS					
OCTYLOXYBENZENE		10JN			
HEXANEDIOIC ACID, DIOCTYLESTER		90JN			
UNIDENTIFIED COMPOUNDS/NO.(1)		500J/16		40J/2	

J Estimated value.
N Presumptive evidence of presence of material.
(1) Tentatively identified and unidentified compounds. This compound is not on Target Compound List and is reported only as detected in individual samples; MQL not determined.
* GP-TW-02 not collected.

TABLE 8

SUMMARY OF INORGANIC ANALYTICAL RESULTS
GROUNDWATER SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/l)	Preservative Blank	Background	Downgradient		
			Ash Pond	Retention Pond	Inert Landfill
	GP-PB-01	GP-IW-01	GP-TW-01	*GP-TW-03	GP-TW-04
ALUMINUM	-	30U	170,000	200,000	33,000
BARIUM	-	8U	380	630	120
BERYLLIUM	-	1U	17	10	1U
CALCIUM	-	4000	170,000	30,000	660U
CHROMIUM	-	6U	73	140	10
COBALT	-	4U	340	97	10
COPPER	-	3U	310	260	20U
IRON	-	170U	240,000	300,000	21,000
LEAD	-	4UJ	240J	-	20UJ
MAGNESIUM	-	880	15,000	47,000	4900
MANGANESE	-	20U	14,000	2900	160
NICKEL	-	6U	120	46	8U
POTASSIUM	-	1400U	21,000	31000	4400
SODIUM	-	3000UJ	34,000J	20,000J	2800UJ
VANADIUM	-	3U	580	760	39
ZINC	-	810	390	430	70U

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
U Material was analyzed for but not detected. The number given is the MQL.
* GP-TW-02 not collected.

TABLE 9

SUMMARY OF ORGANIC ANALYTICAL RESULTS
SURFACE WATER SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/l)	Background GP-SW-01	Control GP-SW-02	Storage Water Pond GP-SW-03	NPDES/River Confluence GP-SW-04	Retention Pond GP-SW-05	Coal Pile Run-off Ponds GP-SW-06	Coal Pile Run-off Ponds *GP-SW-07	Ash Pond GP-SW-09	Cooling Water Effluent GP-SW-10	Inert Landfill GP-SW-11
EXTRACTABLE COMPOUNDS										
UNIDENTIFIED COMPOUNDS/NO.(1)							60J/2			

J Estimated value.

(1) Tentatively identified and unidentified compounds. This compound is not on Target Compound List and is reported only as detected in individual samples; MQL not determined.

* GP-SW-08 not collected.

TABLE 10

SUMMARY OF INORGANIC ANALYTICAL RESULTS
SURFACE WATER SAMPLES
GEORGIA POWER PLANT WANSLEY
ROOPVILLE, HEARD COUNTY, GEORGIA

PARAMETERS (ug/l)	Background	Control	Storage Water Pond	NPDES/River Confluence	Retention Pond	Coal Pile Run-off Ponds		Ash Pond	Cooling Water Effluent	Inert Landfill
	GP-SW-01	GP-SW-02	GP-SW-03	GP-SW-04	GP-SW-05	GP-SW-06	*GP-SW-07	GP-SW-09	GP-SW-10	GP-SW-11
ALUMINUM	180U	3700	-	2100	850	8100	1900	2700	-	-
BARIUM	9U	-	-	62	52	-	69	160	-	-
CALCIUM	1600U	8100	3500	42,000	36,000	62,000	38,000	120,000	7500	2500
CHROMIUM	6U	-	-	9	-	-	-	27	-	-
COBALT	4U	-	-	-	-	170	160	-	-	-
IRON	620U	3400	-	3700	2600	8000	-	1600	3300	-
MAGNESIUM	880	1600	1100	2600	2500	13,000	9300	2100	2600	1000
MANGANESE	17	110	-	240	200	3900	6200	42	300	25
NICKEL	6U	-	-	-	-	100	24	-	9	-
POTASSIUM	1200U	2800	-	5100	4900	4700	7400	6700	4400	-
SELENIUM	2UJ	-	-	-	11J	-	-	15J	-	-
SODIUM	2300UJ	-	-	13,000J	12,000J	43,000J	20,000J	25,000J	-	-
VANADIUM	3U	10	-	30	23	-	-	60	-	-
ZINC	20U	-	-	-	-	580	-	-	-	-

- Material analyzed for but not detected above minimum quantitation limit (MQL).
J Estimated value.
U Material was analyzed for but not detected. The number given is the MQL.
* GP-SW-08 not collected.

product was reported in the coal pile run-off pond samples, the NPDES/river confluence sample (GP-SD-04), and the ash pond sediment sample (GP-SD-09). Other PNA compounds were tentatively identified in the run-off pond samples and the ash pond sample. Two pesticides were reported at elevated levels in the coal pile run-off pond sediment samples. Delta-BHC was detected in sediment sample GP-SD-07 (98 ug/kg, 7 times control). Endosulfan sulfate was detected in sample GP-SD-06 (140 ug/kg, 5 times control) and GP-SD-07 (85 ug/kg, 3 times control). The presence of these pesticides in the pond sediment may be due to spraying around the pond or drainage of surface water run-off from areas where spraying occurred.

No TCL organic compounds were reported in groundwater or surface water samples collected at the facility.

4.2.3.2 Summary of Inorganic Analytical Results

The principle components of coal ash, after the oxidation of carbon and its compounds, are metals, many of which are toxic; therefore, the results of inorganic analyses are important for the site. Inorganic analytical results for Georgia Power Plant Wansley are presented in Tables 4, 6, 8, and 10. Arsenic (20J mg/kg, 10 times MQL), calcium (11,000 mg/kg, 7 times background), and thallium (2.1 mg/kg, 4 times MQL) were detected in surface soil sample GP- SS-02, which was collected from the ash pile. Three subsurface soil samples, GP-SB-02 from the small construction landfill, GP-SB-03 from the cooling water retention pond, and GP-SB-05 from the large construction landfill, contained elevated concentrations of calcium. Barium (250 mg/kg, 3 times background) and manganese (3,400 mg/kg, 4 times background) were detected in subsurface soil sample collected from the cooling water retention pond. Subsurface soil from the large construction landfill contained arsenic at a concentration of 7.5J mg/kg (3 times MQL).

Groundwater at the plant contained high levels of many inorganic constituents. GP-IW-01, collected from a potable water well at an approximate depth of 45 feet, was designated as background for the groundwater samples. In some cases, results for onsite groundwater samples, collected from shallow temporary wells, were elevated thousands of times above background. It was decided to use the groundwater sample from the inert landfill (GP-TW-04) as an onsite control sample. The groundwater sample from near the Ash Pond (GP-TW-01) reported 16 inorganic analytes at elevated levels ranging from three to 257 times control. Notable among these were chromium (73 ug/l, 7 times control) and lead (240J ug/l, 12 times MQL). The groundwater sample (GP-TW-03) collected near the cooling water retention pond contained 15 inorganic constituents at elevated levels ranging from 5 to 45 times control, including chromium (140 ug/l, 14 times control). Maximum Contaminant Levels (MCLs) for drinking water, as mandated by the federal government, were exceeded in

groundwater samples for the following metals (the values following analytes are (MCL Values) (Maximum Concentration identified in groundwater from this investigation): beryllium (1 ug/l) (17 ug/l), chromium (50 ug/l) (140 ug/l), lead (15 ug/l) (240J ug/l), nickel (100 ug/l) (120 ug/l). Secondary Maximum Contaminant Levels (SMCLs) were also exceeded for aluminum (50 - 200 ug/l) (200,000 ug/l), iron (300 ug/l) (300,000 ug/l), manganese (50 ug/l) (14,000 ug/l) (Ref. 29, 30, 31).

Sediment sample GP-SD-04, collected from the confluence of the NPDES discharge and Chattahoochee River, contained seven metals at elevated concentrations ranging from 3 to 9 times background sample GP-SD-01. These metals were arsenic (6.2J mg/kg, 3 times MQL), calcium, cobalt, lead (36J mg/kg, 3 times MQL), manganese, vanadium, and zinc. Cobalt, magnesium, manganese, vanadium, and zinc were elevated in the cooling water retention pond sediment sample (GP-SD-06). Sediment samples collected from the coal pile run-off pond contained only one elevated inorganic constituent. Selenium (2.4J mg/kg, 3 times MQL) was reported in sample GP-SD-06. Sample GP-SD-08, from a ditch that may have drained the retention pond, contained nine elevated metals. These were antimony, arsenic (34J mg/kg, 17 times MQL), calcium, cobalt, magnesium, manganese, nickel, vanadium, and zinc. This ditch appears to have drained south-southwest from the Retention Pond. Sediment from the ash pond, sample GP-SD-09, contained eight elevated metals, including chromium (43J mg/kg, 3 times background).

Surface water samples collected from the storage water pond (GP-SW-03) and the inert landfill (GP-SW-11) contained no inorganic analytes at elevated concentrations. The other six onsite surface water samples collected from the confluence of the NPDES stream and the Chattahoochee River (GP-SW- 04), the cooling water retention pond (GP-SW-05), the coal pile run-off pond (GP-SW-06, GP-SW-07), the ash pond (GP-SW-09), and cooling water effluent (GP- SW-10) contained a host of inorganic constituents at elevated concentrations. The following eight metals were detected at elevated levels in at least three of the six samples: aluminum, barium, calcium, iron, manganese, potassium, sodium, and vanadium. The federally mandated MCL for nickel in drinking water is 100 ug/l. This quantity was reported in sample GP-SW-06. The MCL for selenium is 10 ug/l. Sample GP-SW-05, collected from the retention pond, contained selenium at a concentration of 11J, while sample GP-SW-09, collected from the ash pond contained 15J ug/l of selenium. SMCLs for aluminum (50 - 200 ug/l), iron (300 ug/l), and manganese (50 ug/l) were exceeded many times over in the surface water samples (Refs. C, D). The NPDES discharge sample (GP-SW-04) exceeded all three of these SMCLs.

Coal ash consists primarily of silicon, aluminum, iron, and calcium (Ref. 32). The latter three, which are part of routine CLP analyses, were detected at elevated concentrations in many of the environmental samples collected at Georgia Power Plant Wansley. Magnesium, potassium, sodium,

and titanium are the next largest group of metals found in coal ash (Ref. 32). Again, magnesium, potassium, and sodium were found in abundance, especially in groundwater and surface water samples. Finally, eastern and midwestern coals, as opposed to western coals, show higher proportions of arsenic, selenium, chromium, and vanadium (Ref. 32). All four of these metals were repeatedly reported in the samples. According to the analytical data, toxic metals of special concern at the power plant are arsenic, barium, beryllium, chromium, lead, manganese, nickel, selenium, and zinc. It is expected to find high levels of inorganics at coal-burning power plants. The issue is containment of these toxic metals. Sediment, surface water and ground water results indicate a potential for posing an environmental threat.

5.0 SUMMARY

The groundwater pathway is of primary concern at Georgia Power. The unconfined crystalline rock aquifer is the aquifer of concern in the study area. Approximately 1,553 residents in the study area obtain water from private wells completed in this aquifer. The surface water pathway is also of concern because recreational boating and fishing are common activities in waters onsite (except for the Ash Pond and effluent) and downstream. The onsite exposure pathway is a concern due to the number of employees (approximately 325) working at the facility. The air exposure pathway is of limited concern due to the facility's rural setting.

The sampling investigation consisted of the collection of 33 environmental samples: two surface soil samples, six subsurface soil samples, four groundwater samples, ten surface water samples, and eleven sediment samples.

Organic analysis identified presumptive evidence of the presence of Trichlorotrifluoroethane in estimated concentrations in subsurface soils and sediments throughout much of the study area. Trichlorotrifluoroethane is a volatile compound that is commonly used as a degreasing solvent and an insulating fluid in transformers. Polynuclear aromatic compounds (PNAs) were identified (presumptive and estimated) in sediment samples collected from the two Coal Pile Run-off Ponds as well as the Ash Pond. These may be attributable to creosote from nearby railroad tracks or the coal. Presumptive evidence of petroleum product was also indicated in sediment samples. Also, elevated levels of pesticides were identified in sediment samples collected from the Coal Pile Run-off Ponds as well as in the Ash Pond.

Inorganic analytes were identified as elevated in surface soils, subsurface soils, groundwater, surface water, and sediment samples. Since the groundwater and surface water pathways are of the greatest concern in this investigation the most notable findings were identified in groundwater and surface water samples. Chromium (7 times control) and lead (12 times control) were detected in the groundwater sample collected near the Ash Pond. Chromium (14 times control) was also detected in a groundwater sample collected near the Cooling Water Retention Pond. Some of the groundwater samples collected during the field investigation exceeded the Maximum Contaminant Levels (MCLs) for primary drinking water standards for chromium, lead, and nickel.

Some of the surface water samples collected contained elevated levels of aluminum, barium, calcium, iron, manganese, potassium, sodium, and vanadium. Maximum Contamination Levels (MCLs) for primary drinking water standards were reached or exceeded for nickel and selenium.

Considering the number of groundwater targets in the area as well as surface water and onsite exposure targets, it is recommended that this facility be evaluated using the HRS (effective March 14, 1991).

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INORGANIC DATA QUALIFIERS REPORT

Case Number: 14890
Project Number: 90-800
Site: GA Power/Wansley Site Roopville, GA

	Element	Flag	Samples Affected	Reason
Water				
	As, Be, Mn, Se, V	U	All positives >IDL but <CRDL	Baseline instability
	Al, Ba, Ca, Cu, Fe, Mg, K, Na, Zn	U	All positives)IDL but <10X contaminant level	Positives in Blanks
	Pb	J	All positives	Blind spike recovery = 209%
	Se	J	All	Matrix spike recovery = 46.5%
	Tl	J	MDW519	Duplicate MSA r <.995
	Sb	JN	All positives with Al or Fe concentrations in solution <200,000 ug/L	Suspected positive interference as noted in the contractor ICS
	CN	J	All	Technical holding time exceeded
	Hg	J	All	Technical holding time exceeded
	Na	J	All	Serial dilution percent difference = 10.9%
Soil				
	As, Be, Mn, Se V	U	All positives >IDL but <CRDL	Baseline instability
	Al, Ba, Ca, Cu, Fe, Mg, K, Na, Zn	U	All positives)IDL but <10X contaminant level	Positives in Blanks
	Sb	J R	All positives All negatives	Matrix spike recovery = 28.8%
	As	J	All	Matrix spike recovery = 65.5%
	Cr	J	All	Matrix spike recovery = 51.4% Matrix duplicate RPD = 43.9%
	Se	J R	All positives All negatives	Matrix spike recovery = 0%
	Pb	J	All positives	Blind spike recovery = 209%
	CN	J	All	Matrix spike recovery = 70.2%
	Sb	JN	All positives with Al or Fe concentrations in solution <200,000 ug/L	Suspected positive interference as noted in the contractor ICS
	Cu	J	All	Serial dilution percent difference = 12.9%
	Zn	J	All	Serial dilution percent difference = 34.2%

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV, ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50568 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-01
CASE.NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0900 STOP: 00/00/00
D. NO.: W841 MD NO: W841

RESULTS	UNITS	PARAMETER
1.1UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

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**   PROJECT NO. 90-800   SAMPLE NO. 50577  SAMPLE TYPE: SEDIM       PROG ELEM: NSF   COLLECTED BY: J JENKINS                  **
**   SOURCE: GA POWER/WANSLEY STE                                    CITY: ROOPVILLE           ST: GA                          **
**   STATION ID: SB-02                                               COLLECTION START: 09/19/90  1050   STOP: 00/00/00         **
**   CASE.NO.: 14890          SAS NO.:                               D. NO.: W512              MD NO: W512                     **
**                                                                                                                             **
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RESULTS	UNITS	PARAMETER
1.2UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA. 11/08/90

SPECIFIED ANALYSIS DATA REPORT

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**   PROJECT NO. 90-800    SAMPLE NO. 50567  SAMPLE TYPE: SEDIM       PROG ELEM: NSF   COLLECTED BY: J JENKINS                **
**   SOURCE: GA POWER/WANSLEY STE                                     CITY: ROOPVILLE             ST: GA                       **
**   STATION ID: SB-03                                                COLLECTION START: 09/18/90  1055   STOP: 00/00/00        **
**   CASE.NO.: 14890           SAS NO.:                               D. NO.: W842                MD NO: W842                  **
**                                                                                                                              **
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RESULTS	UNITS	PARAMETER
1.4UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

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**   PROJECT NO. 90-800    SAMPLE NO. 50571  SAMPLE TYPE: SEDIM       PROG ELEM: NSF   COLLECTED BY: J JENKINS              **
**   SOURCE: GA POWER/WANSLEY STE                                     CITY: ROOPVILLE             ST: GA                    **
**   STATION ID: SB-04                                                COLLECTION START: 09/18/90  1445   STOP: 00/00/00     **
**   CASE.NO.: 14890          SAS NO.:                                D. NO.: W503                MD NO: W503               **
**                                                                                                                          **
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RESULTS	UNITS	PARAMETER
1.3UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50572 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SB-05 COLLECTION START: 09/19/90 0915 STOP: 00/00/00
CASE NO.: 14890 SAS NO.: D. NO.: W511 MD NO: W511

RESULTS	UNITS	PARAMETER
1.2UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50578 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-06
CASE.NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1140 STOP: 00/00/00
D. NO.: W513 MD NO: W513

RESULTS	UNITS	PARAMETER
1.1UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50552 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-01
CASE.NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1555 STOP: 00/00/00
D. NO.: W836 MD NO: W836

RESULTS	UNITS	PARAMETER
1.8UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50555 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-02
CASE.NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1745 STOP: 00/00/00
D. NO.: W839 MD NO: W839

RESULTS	UNITS	PARAMETER
1.4UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50585 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-03
CASE.NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1050 STOP: 00/00/00
D. NO.: W518 MD NO: W518

RESULTS	UNITS	PARAMETER
1.3UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50566 SAMPLE TYPE: SEDIM
PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE
CITY: ROOPVILLE ST: GA
STATION ID: SD-04
COLLECTION START: 09/18/90 0955 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.:
D. NO.: W843 MD NO: W843

RESULTS	UNITS	PARAMETER
2UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50565 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-05
CASE NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1150 STOP: 00/00/00
D. NO.: W957 MD NO: W957

RESULTS	UNITS	PARAMETER
1.5UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SD-06 COLLECTION START: 09/18/90 1650 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W506 MD NO: W506

RESULTS	UNITS	PARAMETER
1.4UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800	SAMPLE NO. 50569	SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE		
STATION ID: SD-07		
CASE NO.: 14890	SAS NO.:	

PROG ELEM: NSF	COLLECTED BY: J JENKINS
CITY: ROOPVILLE	ST: GA
COLLECTION START: 09/18/90 1710	STOP: 00/00/00
D. NO.: W507	MD NO: W507

RESULTS	UNITS	PARAMETER
1.5UJ	MG/KG	CYANIDE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800   SAMPLE NO. 50580   SAMPLE TYPE: SEDIM   PROG ELEM: NSF   COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE   CITY: ROOPVILLE   ST: GA
STATION ID: SD-08   COLLECTION START: 09/20/90 0835   STOP: 00/00/00
CASE.NO.: 14890   SAS NO.:   D. NO.: W516   MD NO: W516

RESULTS	UNITS	PARAMETER
2.8UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800	SAMPLE NO. 50584 SAMPLE TYPE: SEDIM	PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE		CITY: ROOPVILLE ST: GA
STATION ID: SD-09		COLLECTION START: 09/20/90 1100 STOP: 00/00/00
CASE.NO.: 14890	SAS NO.:	D. NO.: W517 MD NO: W517

RESULTS	UNITS	PARAMETER
1.4UJ	MG/KG	CYANIDE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50553 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SS-01 COLLECTION START: 09/17/90 1635 STOP: 00/00/00
CASE NO.: 14890 SAS NO.: D. NO.: W837 MD NO: W837

RESULTS	UNITS	PARAMETER
1.1UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50582 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SS-02 COLLECTION START: 09/20/90 0930 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W515 MD NO: W515

RESULTS	UNITS	PARAMETER
1UJ	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

** PROJECT NO. 90-800 SAMPLE NO. 50568 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
** STATION ID: SB-01 COLLECTION START: 09/18/90 0900 STOP: 00/00/00
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W841

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
23000	ALUMINUM	840	MANGANESE
32JN	ANTIMONY	0.10U	MERCURY
2.1UJ	ARSENIC	14	NICKEL
81	BARIUM	6000	POTASSIUM
2.9	BERYLLIUM	2.1UR	SELENIUM
0.62U	CADMIUM	1U	SILVER
100U	CALCIUM	80U	SODIUM
33J	CHROMIUM	0.42U	THALLIUM
51	COBALT	NA	TIN
33J	COPPER	34	VANADIUM
53000	IRON	150J	ZINC
10UJ	LEAD	13	PERCENT MOISTURE
5800	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

*** ***
** PROJECT NO. 90-800 SAMPLE NO. 50577 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SB-02 COLLECTION START: 09/19/90 1050 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W512 **
*** ***

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
15000	ALUMINUM	300	MANGANESE
9UJ	ANTIMONY	0.12U	MERCURY
1UJ	ARSENIC	5.8	NICKEL
73	BARIUM	2500	POTASSIUM
1U	BERYLLIUM	0.44UR	SELENIUM
0.67U	CADMIUM	1.1U	SILVER
700	CALCIUM	90U	SODIUM
8.6J	CHROMIUM	0.44U	THALLIUM
12	COBALT	NA	TIN
20UJ	COPPER	54	VANADIUM
28000	IRON	30UJ	ZINC
7UJ	LEAD	20	PERCENT MOISTURE
3000	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50567 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SB-03 COLLECTION START: 09/18/90 1055 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W842

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
15000	ALUMINUM	3400	MANGANESE
7.8UR	ANTIMONY	0.12U	MERCURY
1UJ	ARSENIC	7.4	NICKEL
250	BARIUM	4600	POTASSIUM
1U	BERYLLIUM	0.57UR	SELENIUM
0.78U	CADMIUM	1.3U	SILVER
1800	CALCIUM	140U	SODIUM
11J	CHROMIUM	0.57U	THALLIUM
42	COBALT	NA	TIN
20UJ	COPPER	75	VANADIUM
29000	IRON	52J	ZINC
5UJ	LEAD	31	PERCENT MOISTURE
6200	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

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** PROJECT NO. 90-800    SAMPLE NO. 50571  SAMPLE TYPE: SEDIM      PROG ELEM: NSF   COLLECTED BY: J JENKINS          **
** SOURCE: GA POWER/WANSLEY STE                                    CITY: ROOPVILLE          ST: GA                  **
** STATION ID: SB-04                                               COLLECTION START: 09/18/90  1445   STOP: 00/00/00  **
** CASE NUMBER: 14890          SAS NUMBER:                          MD NUMBER: W503                                  **
**                                                                                                                    **
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MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
26000	ALUMINUM	79	MANGANESE
20UJ	ANTIMONY	0.13U	MERCURY
2UJ	ARSENIC	1.6U	NICKEL
86	BARIUM	2900	POTASSIUM
1U	BERYLLIUM	0.49UR	SELENIUM
0.78U	CADMIUM	1.3U	SILVER
40U	CALCIUM	50U	SODIUM
12J	CHROMIUM	0.49U	THALLIUM
2.9	COBALT	NA	TIN
45J	COPPER	39	VANADIUM
23000	IRON	40UJ	ZINC
20UJ	LEAD	24	PERCENT MOISTURE
2500	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM,
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50572 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-05
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 0915 STOP: 00/00/00
MD NUMBER: W511

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
8700	ALUMINUM	67	MANGANESE
20UJ	ANTIMONY	0.09U	MERCURY
7.5J	ARSENIC	2.6	NICKEL
31	BARIUM	610	POTASSIUM
1U	BERYLLIUM	1UJ	SELENIUM
0.67U	CADMIUM	1.1U	SILVER
1800	CALCIUM	80U	SODIUM
22J	CHROMIUM	0.42U	THALLIUM
2U	COBALT	NA	TIN
20UJ	COPPER	35	VANADIUM
22000	IRON	30UJ	ZINC
10UJ	LEAD	14	PERCENT MOISTURE
510	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50578 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SB-06 COLLECTION START: 09/19/90 1140 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W513

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
20000	ALUMINUM	500	MANGANESE
18J	ANTIMONY	0.10U	MERCURY
3.4	ARSENIC	21	NICKEL
120	BARIUM	4600	POTASSIUM
1U	BERYLLIUM	0.38UR	SELENIUM
0.60U	CADMIUM	1U	SILVER
290	CALCIUM	100U	SODIUM
34J	CHROMIUM	0.38U	THALLIUM
30	COBALT	NA	TIN
34J	COPPER	64	VANADIUM
37000	IRON	61J	ZINC
20UJ	LEAD	12	PERCENT MOISTURE
5400	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

** PROJECT NO. 90-800 SAMPLE NO. 50552 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SD-01 COLLECTION START: 09/17/90 1555 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W836 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
12000	ALUMINUM	91	MANGANESE
9.3UR	ANTIMONY	0.18U	MERCURY
2UJ	ARSENIC	5.6	NICKEL
60	BARIUM	1400	POTASSIUM
2U	BERYLLIUM	0.72UR	SELENIUM
0.93U	CADMIUM	1.5U	SILVER
300U	CALCIUM	50U	SODIUM
13J	CHROMIUM	0.72U	THALLIUM
3U	COBALT	NA	TIN
20UJ	COPPER	16	VANADIUM
19000	IRON	40UJ	ZINC
10UJ	LEAD	45	PERCENT MOISTURE
1700	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50555 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-02
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1745 STOP: 00/00/00
MD NUMBER: W839

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
9500	ALUMINUM	350	MANGANESE
7.9UR	ANTIMONY	0.12U	MERCURY
2UJ	ARSENIC	5.9	NICKEL
87	BARIUM	2700	POTASSIUM
1U	BERYLLIUM	0.55UR	SELENIUM
0.79U	CADMIUM	1.3U	SILVER
480	CALCIUM	50U	SODIUM
16J	CHROMIUM	0.55U	THALLIUM
6.8	COBALT	NA	TIN
20UJ	COPPER	23	VANADIUM
15000	IRON	82J	ZINC
20UJ	LEAD	31	PERCENT MOISTURE
2700	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50585 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-03
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1050 STOP: 00/00/00
MD NUMBER: W518

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
3800	ALUMINUM	59	MANGANESE
20UJ	ANTIMONY	0.13U	MERCURY
1UJ	ARSENIC	1.4U	NICKEL
13	BARIUM	450	POTASSIUM
2U	BERYLLIUM	0.53UR	SELENIUM
0.72U	CADMIUM	3.5	SILVER
210	CALCIUM	40U	SODIUM
1.2UJ	CHROMIUM	0.53U	THALLIUM
1.7U	COBALT	NA	TIN
1UJ	COPPER	2.5	VANADIUM
7800	IRON	20UJ	ZINC
3UJ	LEAD	26	PERCENT MOISTURE
390	MAGNESIUM		

FOOTNOTES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50566 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-04
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0955 STOP: 00/00/00
MD NUMBER: W843

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
17000	ALUMINUM	820	MANGANESE
20UJ	ANTIMONY	0.16U	MERCURY
6.2J	ARSENIC	11	NICKEL
140	BARIUM	3300	POTASSIUM
2U	BERYLLIUM	1.8J	SELENIUM
0.99U	CADMIUM	1.6U	SILVER
1600	CALCIUM	100U	SODIUM
30J	CHROMIUM	1U	THALLIUM
15	COBALT	NA	TIN
34J	COPPER	59	VANADIUM
27000	IRON	130J	ZINC
36J	LEAD	49	PERCENT MOISTURE
3500	MAGNESIUM		

FOOTNOTES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

** PROJECT NO. 90-800 SAMPLE NO. 50565 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
** STATION ID: SD-05 COLLECTION START: 09/18/90 1150 STOP: 00/00/00
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W957

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
19000	ALUMINUM	390	MANGANESE
20UJ	ANTIMONY	0.12U	MERCURY
2UJ	ARSENIC	1.5U	NICKEL
110	BARIUM	1700	POTASSIUM
0.25U	BERYLLIUM	2.6UR	SELENIUM
0.74U	CADMIUM	1.2U	SILVER
450	CALCIUM	110U	SODIUM
14J	CHROMIUM	0.52U	THALLIUM
9.1	COBALT	NA	TIN
26J	COPPER	76	VANADIUM
34000	IRON	130J	ZINC
20UJ	LEAD	32	PERCENT MOISTURE
5800	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-06
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1650 STOP: 00/00/00
MD NUMBER: W506

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
3600	ALUMINUM	50	MANGANESE
7.7UR	ANTIMONY	0.14U	MERCURY
4.5J	ARSENIC	6.7	NICKEL
51	BARIUM	1500	POTASSIUM
2U	BERYLLIUM	2.4J	SELENIUM
0.77U	CADMIUM	1.3U	SILVER
410	CALCIUM	180U	SODIUM
11J	CHROMIUM	0.52U	THALLIUM
2.7	COBALT	NA	TIN
21J	COPPER	24	VANADIUM
15000	IRON	30UJ	ZINC
20UJ	LEAD	29	PERCENT MOISTURE
1500	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50569 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-07
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1710 STOP: 00/00/00
MD NUMBER: W507

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
3200	ALUMINUM	89	MANGANESE
20UJ	ANTIMONY	0.14U	MERCURY
4.5J	ARSENIC	7.8	NICKEL
28	BARIUM	1100	POTASSIUM
1U	BERYLLIUM	1.5J	SELENIUM
0.81U	CADMIUM	1.3U	SILVER
380	CALCIUM	110U	SODIUM
14J	CHROMIUM	0.54U	THALLIUM
6.3	COBALT	NA	TIN
20UJ	COPPER	20	VANADIUM
12000	IRON	20UJ	ZINC
8UJ	LEAD	32	PERCENT MOISTURE
1000	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

** PROJECT NO. 90-800 SAMPLE NO. 50580 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SD-08 COLLECTION START: 09/20/90 0835 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W516 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
17000	ALUMINUM	440	MANGANESE
30J	ANTIMONY	0.23U	MERCURY
34J	ARSENIC	18	NICKEL
140	BARIUM	3700	POTASSIUM
2U	BERYLLIUM	2UJ	SELENIUM
1.5U	CADMIUM	2.5U	SILVER
2100	CALCIUM	170U	SODIUM
30J	CHROMIUM	2U	THALLIUM
34	COBALT	NA	TIN
33J	COPPER	67	VANADIUM
32000	IRON	290J	ZINC
20UJ	LEAD	64	PERCENT MOISTURE
5100	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50584 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-09
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1100 STOP: 00/00/00
MD NUMBER: W517

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
13000	ALUMINUM	280	MANGANESE
9UJ	ANTIMONY	0.11U	MERCURY
23J	ARSENIC	22	NICKEL
170	BARIUM	3000	POTASSIUM
2.1	BERYLLIUM	2.6UR	SELENIUM
0.77U	CADMIUM	1.3U	SILVER
6800	CALCIUM	350U	SODIUM
43J	CHROMIUM	4.2	THALLIUM
12	COBALT	NA	TIN
28J	COPPER	88	VANADIUM
20000	IRON	150J	ZINC
28J	LEAD	30	PERCENT MOISTURE
2900	MAGNESIUM		

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50553 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SS-01
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1635 STOP: 00/00/00
MD NUMBER: W837

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
22000	ALUMINUM	340	MANGANESE
26J	ANTIMONY	0.10U	MERCURY
2UJ	ARSENIC	11	NICKEL
83	BARIUM	3800	POTASSIUM
2U	BERYLLIUM	0.45UR	SELENIUM
0.63U	CADMIUM	1U	SILVER
1400	CALCIUM	70U	SODIUM
36J	CHROMIUM	0.45U	THALLIUM
17	COBALT	NA	TIN
17J	COPPER	34	VANADIUM
41000	IRON	74J	ZINC
10UJ	LEAD	13	PERCENT MOISTURE
3700	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.   11/08/90

METALS DATA REPORT

** PROJECT NO. 90-800   SAMPLE NO. 50582   SAMPLE TYPE: SEDIM   PROG ELEM: NSF   COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE   CITY: ROOPVILLE   ST: GA **
** STATION ID: SS-02   COLLECTION START: 09/20/90 0930   STOP: 00/00/00 **
** CASE NUMBER: 14890   SAS NUMBER: MD NUMBER: W515 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
11000	ALUMINUM	84	MANGANESE
5.6UR	ANTIMONY	0.08U	MERCURY
20J	ARSENIC	13	NICKEL
110	BARIUM	930	POTASSIUM
1.5	BERYLLIUM	0.34UR	SELENIUM
1U	CADMIUM	0.94U	SILVER
11000	CALCIUM	400U	SODIUM
33J	CHROMIUM	2.1	THALLIUM
3	COBALT	NA	TIN
20UJ	COPPER	59	VANADIUM
9800	IRON	120J	ZINC
21J	LEAD		PERCENT MOISTURE
880	MAGNESIUM		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.   11/08/90

SPECIFIED ANALYSIS DATA REPORT

*** ***
** PROJECT NO. 90-800   SAMPLE NO. 50554   SAMPLE TYPE: GROUNDWA   PROG ELEM: NSF   COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE   CITY: ROOPVILLE   ST: GA **
** STATION ID: IW-01   COLLECTION START: 09/17/90 1640   STOP: 00/00/00 **
** CASE.NO.: 14890   SAS NO.:   D. NO.: W838   MD NO: W838 **
**   **
*** ***

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800   SAMPLE NO. 50551   SAMPLE TYPE: SURFACEWA   PROG ELEM: NSF   COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE   CITY: ROOPVILLE   ST: GA
STATION ID: SW-01   COLLECTION START: 09/17/90 1550   STOP: 00/00/00
CASE NO.: 14890   SAS NO.:   D. NO.: W835   MD NO: W835

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50556 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-02 COLLECTION START: 09/17/90 1740 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W840 MD NO: W840

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

*** ***

** PROJECT NO. 90-800 SAMPLE NO. 50581 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-03 COLLECTION START: 09/20/90 0950 STOP: 00/00/00 **
** CASE.NO.: 14890 SAS NO.: D. NO.: W520 MD NO: W520 **
** **

*** ***

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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U.S. EPA REGION IV

SDMS

Unscannable Material Target Sheet

DocID: 10721230 Site ID: GAD000612937

Site Name: Ga Power Co. Wansley

Nature of Material:

Map:	☑	Computer Disks:	☐
Photos:	☐	CD-ROM:	☐
Blueprints:	☐	Oversized Report:	☐
Slides:	☐	Log Book:	☐

Other (describe): 4 mile radius map (Appendix A)

Amount of material: _____

* Please contact the appropriate Records Center to view the material *

APPENDIX B

INORGANIC DATA QUALIFIERS REPORT

Case Number: 14890
Project Number: 90-800
Site: GA Power/Wansley Site Roopville, GA

	Element	Flag	Samples Affected	Reason
Water				
	As, Be, Mn, Se, V	U	All positives >IDL but <CRDL	Baseline instability
	Al, Ba, Ca, Cu, Fe, Mg, K, Na, Zn	U	All positives)IDL but <10X contaminant level	Positives in Blanks
	Pb	J	All positives	Blind spike recovery = 209%
	Se	J	All	Matrix spike recovery = 46.5%
	Tl	J	MDW519	Duplicate MSA r <.995
	Sb	JN	All positives with Al or Fe concentrations in solution <200,000 ug/L	Suspected positive interference as noted in the contractor ICS
	CN	J	All	Technical holding time exceeded
	Hg	J	All	Technical holding time exceeded
	Na	J	All	Serial dilution percent difference = 10.9%
Soil				
	As, Be, Mn, Se V	U	All positives >IDL but <CRDL	Baseline instability
	Al, Ba, Ca, Cu, Fe, Mg, K, Na, Zn	U	All positives)IDL but <10X contaminant level	Positives in Blanks
	Sb	J R	All positives All negatives	Matrix spike recovery = 28.8%
	As	J	All	Matrix spike recovery = 65.5%
	Cr	J	All	Matrix spike recovery = 51.4% Matrix duplicate RPD = 43.9%
	Se	J R	All positives All negatives	Matrix spike recovery = 0%
	Pb	J	All positives	Blind spike recovery = 209%
	CN	J	All	Matrix spike recovery = 70.2%
	Sb	JN	All positives with Al or Fe concentrations in solution <200,000 ug/L	Suspected positive interference as noted in the contractor ICS
	Cu	J	All	Serial dilution percent difference = 12.9%
	Zn	J	All	Serial dilution percent difference = 34.2%

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.
11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50561 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-04 COLLECTION START: 09/18/90 0950 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W844 MD NO: W844

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

** PROJECT NO. 90-800 SAMPLE NO. 50560 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-05 COLLECTION START: 09/18/90 1140 STOP: 00/00/00 **
** CASE.NO.: 14890 SAS NO.: D. NO.: W502 MD NO: W502 **

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

*** ***
** PROJECT NO. 90-800 SAMPLE NO. 50564 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-06 COLLECTION START: 09/18/90 1645 STOP: 00/00/00 **
** CASE.NO.: 14890 SAS NO.: D. NO.: W509 MD NO: W509 **
** **
*** ***

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50557 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-07 COLLECTION START: 09/18/90 1705 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W508 MD NO: W508

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50583 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-09 COLLECTION START: 09/20/90 0915 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W519 MD NO: W519

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800	SAMPLE NO. 50563	SAMPLE TYPE: SURFACEWA
PROG ELEM: NSF	COLLECTED BY: J JENKINS	
SOURCE: GA POWER/WANSLEY STE	CITY: ROOPVILLE	ST: GA
STATION ID: SW-10	COLLECTION START: 09/18/90 1220	STOP: 00/00/00
CASE.NO.: 14890	SAS NO.:	
D. NO.: W501	MD NO: W501	

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50558 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-11 COLLECTION START: 09/18/90 1605 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W505 MD NO: W505

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50579 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: TW-01 COLLECTION START: 09/19/90 1540 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W514 MD NO: W514

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50562 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: TW-03 COLLECTION START: 09/18/90 1120 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W845 MD NO: W845

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50559 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: TW-04 COLLECTION START: 09/18/90 1520 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W504 MD NO: W504

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50586 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: PB-01 COLLECTION START: 09/17/90 0745 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W510 MD NO: W510

RESULTS	UNITS	PARAMETER
10UJ	UG/L	CYANIDE

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50554 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: IW-01 COLLECTION START: 09/17/90 1640 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W838

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
30U	ALUMINUM	20U	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	6U	NICKEL
8U	BARIUM	1400U	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
4000	CALCIUM	3000UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
3U	COPPER	3U	VANADIUM
170U	IRON	810	ZINC
4UJ	LEAD		
880	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.
11/08/90

METALS DATA REPORT

** PROJECT NO. 90-800 SAMPLE NO. 50551 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-01 COLLECTION START: 09/17/90 1550 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W835 **

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
180U	ALUMINUM	17	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	6U	NICKEL
9U	BARIUM	1200U	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
1600U	CALCIUM	2300UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
7U	COPPER	3U	VANADIUM
620U	IRON	20U	ZINC
4UJ	LEAD		
880	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

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** PROJECT NO. 90-800 SAMPLE NO. 50556 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-02 COLLECTION START: 09/17/90 1740 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W840 **

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UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
3700	ALUMINUM	110	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	6U	NICKEL
40U	BARIUM	2800	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
8100	CALCIUM	7100UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
20U	COPPER	10	VANADIUM
3400	IRON	40U	ZINC
6UJ	LEAD		
1600	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50581 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-03 COLLECTION START: 09/20/90 0950 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W520

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
80U	ALUMINUM	9U	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	6U	NICKEL
9U	BARIUM	1800U	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
3500	CALCIUM	4100UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
7U	COPPER	4U	VANADIUM
90U	IRON	20U	ZINC
4UJ	LEAD		
1100	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50561 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-04 COLLECTION START: 09/18/90 0950 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W844

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
2100	ALUMINUM	240	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
3U	ARSENIC	6U	NICKEL
62	BARIUM	5100	POTASSIUM
1U	BERYLLIUM	5UJ	SELENIUM
3U	CADMIUM	5U	SILVER
42000	CALCIUM	13000J	SODIUM
9	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
10U	COPPER	30	VANADIUM
3700	IRON	40U	ZINC
5UJ	LEAD		
2600	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50560 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-05 COLLECTION START: 09/18/90 1140 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W502

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
850	ALUMINUM	200	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
7U	ARSENIC	8U	NICKEL
52	BARIUM	4900	POTASSIUM
1U	BERYLLIUM	11J	SELENIUM
3U	CADMIUM	5U	SILVER
36000	CALCIUM	12000J	SODIUM
8U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
20U	COPPER	23	VANADIUM
2600	IRON	30U	ZINC
2UJ	LEAD		
2500	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50564 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-06 COLLECTION START: 09/18/90 1645 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W509

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
8100	ALUMINUM	3900	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	100	NICKEL
40U	BARIUM	4700	POTASSIUM
5U	BERYLLIUM	2UJ	SELENIUM
4U	CADMIUM	5U	SILVER
62000	CALCIUM	43000J	SODIUM
6U	CHROMIUM	3U	THALLIUM
170	COBALT	NA	TIN
20U	COPPER	3U	VANADIUM
8000	IRON	580	ZINC
5UJ	LEAD		
13000	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50557 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-07 COLLECTION START: 09/18/90 1705 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W508

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
1900	ALUMINUM	6200	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	24	NICKEL
69	BARIUM	7400	POTASSIUM
2U	BERYLLIUM	3UJ	SELENIUM
3U	CADMIUM	5U	SILVER
38000	CALCIUM	20000J	SODIUM
6U	CHROMIUM	3U	THALLIUM
160	COBALT	NA	TIN
9U	COPPER	4U	VANADIUM
150U	IRON	100U	ZINC
4UJ	LEAD		
9300	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.
11/08/90

METALS DATA REPORT

** PROJECT NO. 90-800 SAMPLE NO. 50583 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-09 COLLECTION START: 09/20/90 0915 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W519 **

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
2700	ALUMINUM	42	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
10U	ARSENIC	6U	NICKEL
160	BARIUM	6700	POTASSIUM
1U	BERYLLIUM	15J	SELENIUM
3U	CADMIUM	5U	SILVER
120000	CALCIUM	25000J	SODIUM
27	CHROMIUM	7UJ	THALLIUM
4U	COBALT	NA	TIN
20U	COPPER	60	VANADIUM
1600	IRON	40U	ZINC
6UJ	LEAD		
2100	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

** PROJECT NO. 90-800 SAMPLE NO. 50563 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-10 COLLECTION START: 09/18/90 1220 STOP: 00/00/00 **
** CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W501 **

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
220U	ALUMINUM	300	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
3U	ARSENIC	9	NICKEL
30U	BARIUM	4400	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
7500	CALCIUM	8000UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
20U	COPPER	5U	VANADIUM
3300	IRON	40U	ZINC
2UJ	LEAD		
2600	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50558 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-11 COLLECTION START: 09/18/90 1605 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W505

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
100U	ALUMINUM	25	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	6U	NICKEL
10U	BARIUM	1300U	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
2500	CALCIUM	2600UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
4U	COBALT	NA	TIN
20U	COPPER	4U	VANADIUM
500U	IRON	20U	ZINC
3UJ	LEAD		
1000	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/08/90

METALS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50579 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: TW-01 COLLECTION START: 09/19/90 1540 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W514

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
170000	ALUMINUM	14000	MANGANESE
24U	ANTIMONY	0.5UJ	MERCURY
2U	ARSENIC	120	NICKEL
380	BARIUM	21000	POTASSIUM
17	BERYLLIUM	2UJ	SELENIUM
4U	CADMIUM	5U	SILVER
170000	CALCIUM	34000J	SODIUM
73	CHROMIUM	3U	THALLIUM
340	COBALT	NA	TIN
310	COPPER	580	VANADIUM
240000	IRON	390	ZINC
240J	LEAD		
15000	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50562 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: TW-03 COLLECTION START: 09/18/90 1120 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W845

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
200000	ALUMINUM	2900	MANGANESE
50U	ANTIMONY	0.4UJ	MERCURY
1U	ARSENIC	46	NICKEL
630	BARIUM	31000	POTASSIUM
10	BERYLLIUM	10UJ	SELENIUM
3U	CADMIUM	5U	SILVER
30000	CALCIUM	20000J	SODIUM
140	CHROMIUM	3U	THALLIUM
97	COBALT	NA	TIN
260	COPPER	760	VANADIUM
300000	IRON	430	ZINC
40UJ	LEAD		
47000	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50559 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: TW-04 COLLECTION START: 09/18/90 1520 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W504

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
33000	ALUMINUM	160	MANGANESE
30U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	8U	NICKEL
120	BARIUM	4400	POTASSIUM
1U	BERYLLIUM	10UJ	SELENIUM
3U	CADMIUM	5U	SILVER
660U	CALCIUM	2800UJ	SODIUM
10	CHROMIUM	3U	THALLIUM
10	COBALT	NA	TIN
20U	COPPER	39	VANADIUM
21000	IRON	70U	ZINC
20UJ	LEAD		
4900	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 11/08/90

PROJECT NO. 90-800 SAMPLE NO. 50586 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: PB-01 COLLECTION START: 09/17/90 0745 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: MD NUMBER: W510

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
70U	ALUMINUM	7U	MANGANESE
24U	ANTIMONY	0.20UJ	MERCURY
1U	ARSENIC	6U	NICKEL
2U	BARIUM	72U	POTASSIUM
1U	BERYLLIUM	2UJ	SELENIUM
3U	CADMIUM	5U	SILVER
250U	CALCIUM	190UJ	SODIUM
6U	CHROMIUM	3U	THALLIUM
5U	COBALT	NA	TIN
3U	COPPER	3U	VANADIUM
90U	IRON	20U	ZINC
1U	LEAD		
60U	MAGNESIUM		

REMARKS
RECOMMENDED HOLDING TIME EXCEEDED-HG
HOLDING TIME EXCEEDED-CN

REMARKS

FOOTNOTES
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ORGANIC DATA QUALIFIER REPORT

Case Number 14890 Project Number 90-800 SAS Number

Site ID. Georgia Power/Wansley Ste, Roopville, GA.

Affected Samples	Compound or Fraction	Flag Used	Reason
Volatiles			
none			
Extractables			
all soil samples	bis(2-chloroisopropyl)ether	R	unacceptable blind spike recovery
	nitrobenzene	R	unacceptable blind spike recovery
	2-nitrophenol	J	low blind spike recovery
	2,4-dimethylphenol	R	unacceptable blind spike recovery
	1,2,4-trichlorobenzene	R	unacceptable blind spike recovery
	2-chloronaphthalene	J	low blind spike recovery
	3-nitroaniline	J	low blind spike recovery
DW512,513,515	all other extractables	J	excessive holding time
DW504,508,509,840	all extractables	J	exceeded 40CFR136 holding time
DW517,839,843	all positives	J	<quantitation limit
Pesticides			
DW517	endosulfan sulfate	J	<quantitation limit

ORGANIC DATA QUALIFIER REPORT

Case Number 14890 Project Number 90-800 SAS Number

Site ID. Georgia Power/Wansley Ste, Roopville, GA.

Affected Samples	Compound or Fraction	Flag Used	Reason
Volatiles			
none			
Extractables			
all soil samples	bis(2-chloroisopropyl)ether	R	unacceptable blind spike recovery
	nitrobenzene	R	unacceptable blind spike recovery
	2-nitrophenol	J	low blind spike recovery
	2,4-dimethylphenol	R	unacceptable blind spike recovery
	1,2,4-trichlorobenzene	R	unacceptable blind spike recovery
	2-chloronaphthalene	J	low blind spike recovery
	3-nitroaniline	J	low blind spike recovery
DW512,513,515	all other extractables	J	excessive holding time
DW504,508,509,840	all extractables	J	exceeded 40CFR136 holding time
DW517,839,843	all positives	J	<quantitation limit
Pesticides			
DW517	endosulfan sulfate	J	<quantitation limit

ORGANIC DATA QUALIFIER REPORT

Case Number 14890 Project Number 90-800 SAS Number

Site ID. Georgia Power/Wansley Ste, Roopville, GA.

Affected Samples	Compound or Fraction	Flag Used	Reason
Volatiles			
none			
Extractables			
all soil samples	bis(2-chloroisopropyl)ether	R	unacceptable blind spike recovery
	nitrobenzene	R	unacceptable blind spike recovery
	2-nitrophenol	J	low blind spike recovery
	2,4-dimethylphenol	R	unacceptable blind spike recovery
	1,2,4-trichlorobenzene	R	unacceptable blind spike recovery
	2-chloronaphthalene	J	low blind spike recovery
	3-nitroaniline	J	low blind spike recovery
DW512,513,515	all other extractables	J	excessive holding time
DW504,508,509,840	all extractables	J	exceeded 40CFR136 holding time
DW517,839,843	all positives	J	<quantitation limit
Pesticides			
DW517	endosulfan sulfate	J	<quantitation limit

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50568 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SB-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0900 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W841

UG/KG	ANALYTICAL RESULTS
11U	CHLOROMETHANE
11U	BROMOMETHANE
11U	VINYL CHLORIDE
11U	CHLOROETHANE
6U	METHYLENE CHLORIDE
11U	ACETONE
6U	CARBON DISULFIDE
6U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U	1,1-DICHLOROETHANE
6U	1,2-DICHLOROETHENE (TOTAL)
6U	CHLOROFORM
6U	1,2-DICHLOROETHANE
11U	METHYL ETHYL KETONE
6U	1,1,1-TRICHLOROETHANE
6U	CARBON TETRACHLORIDE
11U	VINYL ACETATE
6U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
6U	1,2-DICHLOROPROPANE
6U	CIS-1,3-DICHLOROPROPENE
6U	TRICHLOROETHENE(TRICHLOROETHYLENE)
6U	DIBROMOCHLOROMETHANE
6U	1,1,2-TRICHLOROETHANE
6U	BENZENE
6U	TRANS-1,3-DICHLOROPROPENE
6U	BROMOFORM
11U	METHYL ISOBUTYL KETONE
11U	METHYL BUTYL KETONE
6U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U	1,1,2,2-TETRACHLOROETHANE
6U	TOLUENE
6U	CHLOROBENZENE
6U	ETHYL BENZENE
6U	STYRENE
6U	TOTAL XYLENES
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50577 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-02

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1050 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W512

UG/KG	ANALYTICAL RESULTS
12U	CHLOROMETHANE
12U	BROMOMETHANE
12U	VINYL CHLORIDE
12U	CHLOROETHANE
8U	METHYLENE CHLORIDE
20U	ACETONE
6U	CARBON DISULFIDE
6U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U	1,1-DICHLOROETHANE
6U	1,2-DICHLOROETHENE (TOTAL)
6U	CHLOROFORM
6U	1,2-DICHLOROETHANE
12U	METHYL ETHYL KETONE
6U	1,1,1-TRICHLOROETHANE
6U	CARBON TETRACHLORIDE
12U	VINYL ACETATE
6U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
6U	1,2-DICHLOROPROPANE
6U	CIS-1,3-DICHLOROPROPENE
6U	TRICHLOROETHENE(TRICHLOROETHYLENE)
6U	DIBROMOCHLOROMETHANE
6U	1,1,2-TRICHLOROETHANE
6U	BENZENE
6U	TRANS-1,3-DICHLOROPROPENE
6U	BROMOFORM
12U	METHYL ISOBUTYL KETONE
12U	METHYL BUTYL KETONE
6U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U	1,1,2,2-TETRACHLOROETHANE
6U	TOLUENE
6U	CHLOROBENZENE
6U	ETHYL BENZENE
6U	STYRENE
6U	TOTAL XYLENES
14	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50567 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-03

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1055 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W842

UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE
14U	BROMOMETHANE
14U	VINYL CHLORIDE
14U	CHLOROETHANE
9U	METHYLENE CHLORIDE
14U	ACETONE
7U	CARBON DISULFIDE
7U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
7U	1,1-DICHLOROETHANE
7U	1,2-DICHLOROETHENE (TOTAL)
7U	CHLOROFORM
7U	1,2-DICHLOROETHANE
14U	METHYL ETHYL KETONE
7U	1,1,1-TRICHLOROETHANE
7U	CARBON TETRACHLORIDE
14U	VINYL ACETATE
7U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
7U	1,2-DICHLOROPROPANE
7U	CIS-1,3-DICHLOROPROPENE
7U	TRICHLOROETHENE(TRICHLOROETHYLENE)
7U	DIBROMOCHLOROMETHANE
7U	1,1,2-TRICHLOROETHANE
7U	BENZENE
7U	TRANS-1,3-DICHLOROPROPENE
7U	BROMOFORM
14U	METHYL ISOBUTYL KETONE
14U	METHYL BUTYL KETONE
7U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7U	1,1,2,2-TETRACHLOROETHANE
7U	TOLUENE
7U	CHLOROBENZENE
7U	ETHYL BENZENE
7U	STYRENE
7U	TOTAL XYLENES
30	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50571 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-04

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1445 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W503

UG/KG	ANALYTICAL RESULTS
13U	CHLOROMETHANE
13U	BROMOMETHANE
13U	VINYL CHLORIDE
13U	CHLOROETHANE
7U	METHYLENE CHLORIDE
20U	ACETONE
7U	CARBON DISULFIDE
7U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
7U	1,1-DICHLOROETHANE
7U	1,2-DICHLOROETHENE (TOTAL)
7U	CHLOROFORM
7U	1,2-DICHLOROETHANE
13U	METHYL ETHYL KETONE
7U	1,1,1-TRICHLOROETHANE
7U	CARBON TETRACHLORIDE
13U	VINYL ACETATE
7U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
7U	1,2-DICHLOROPROPANE
7U	CIS-1,3-DICHLOROPROPENE
7U	TRICHLOROETHENE(TRICHLOROETHYLENE)
7U	DIBROMOCHLOROMETHANE
7U	1,1,2-TRICHLOROETHANE
7U	BENZENE
7U	TRANS-1,3-DICHLOROPROPENE
7U	BROMOFORM
13U	METHYL ISOBUTYL KETONE
13U	METHYL BUTYL KETONE
7U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7U	1,1,2,2-TETRACHLOROETHANE
7U	TOLUENE
7U	CHLOROBENZENE
7U	ETHYL BENZENE
7U	STYRENE
7U	TOTAL XYLENES
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50572 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SB-05

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 0915 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W511

UG/KG	ANALYTICAL RESULTS
12U	CHLOROMETHANE
12U	BROMOMETHANE
12U	VINYL CHLORIDE
12U	CHLOROETHANE
10U	METHYLENE CHLORIDE
12U	ACETONE
6U	CARBON DISULFIDE
6U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U	1,1-DICHLOROETHANE
6U	1,2-DICHLOROETHENE (TOTAL)
6U	CHLOROFORM
6U	1,2-DICHLOROETHANE
12U	METHYL ETHYL KETONE
6U	1,1,1-TRICHLOROETHANE
6U	CARBON TETRACHLORIDE
12U	VINYL ACETATE
6U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
6U	1,2-DICHLOROPROPANE
6U	CIS-1,3-DICHLOROPROPENE
6U	TRICHLOROETHENE(TRICHLOROETHYLENE)
6U	DIBROMOCHLOROMETHANE
6U	1,1,2-TRICHLOROETHANE
6U	BENZENE
6U	TRANS-1,3-DICHLOROPROPENE
6U	BROMOFORM
12U	METHYL ISOBUTYL KETONE
12U	METHYL BUTYL KETONE
6U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U	1,1,2,2-TETRACHLOROETHANE
6U	TOLUENE
6U	CHLOROBENZENE
6U	ETHYL BENZENE
6U	STYRENE
6U	TOTAL XYLENES
14	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50578 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-06

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1140 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W513

UG/KG	ANALYTICAL RESULTS
11U	CHLOROMETHANE
11U	BROMOMETHANE
11U	VINYL CHLORIDE
11U	CHLOROETHANE
20U	METHYLENE CHLORIDE
20U	ACETONE
6U	CARBON DISULFIDE
6U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U	1,1-DICHLOROETHANE
6U	1,2-DICHLOROETHENE (TOTAL)
6U	CHLOROFORM
6U	1,2-DICHLOROETHANE
11U	METHYL ETHYL KETONE
6U	1,1,1-TRICHLOROETHANE
6U	CARBON TETRACHLORIDE
11U	VINYL ACETATE
6U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
6U	1,2-DICHLOROPROPANE
6U	CIS-1,3-DICHLOROPROPENE
6U	TRICHLOROETHENE(TRICHLOROETHYLENE)
6U	DIBROMOCHLOROMETHANE
6U	1,1,2-TRICHLOROETHANE
6U	BENZENE
6U	TRANS-1,3-DICHLOROPROPENE
6U	BROMOFORM
11U	METHYL ISOBUTYL KETONE
11U	METHYL BUTYL KETONE
6U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U	1,1,2,2-TETRACHLOROETHANE
6U	TOLUENE
6U	CHLOROBENZENE
6U	ETHYL BENZENE
6U	STYRENE
6U	TOTAL XYLENES
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50552 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SD-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1555 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W836

UG/KG	ANALYTICAL RESULTS
20U	CHLOROMETHANE
20U	BROMOMETHANE
20U	VINYL CHLORIDE
20U	CHLOROETHANE
30U	METHYLENE CHLORIDE
20U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
20U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
20U	VINYL ACETATE
10U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
10U	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
20U	METHYL ISOBUTYL KETONE
20U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES
50	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50555 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-02

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1745 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W839

UG/KG	ANALYTICAL RESULTS
16U	CHLOROMETHANE
16U	BROMOMETHANE
16U	VINYL CHLORIDE
16U	CHLOROETHANE
9U	METHYLENE CHLORIDE
16U	ACETONE
8U	CARBON DISULFIDE
8U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
8U	1,1-DICHLOROETHANE
8U	1,2-DICHLOROETHENE (TOTAL)
8U	CHLOROFORM
8U	1,2-DICHLOROETHANE
16U	METHYL ETHYL KETONE
8U	1,1,1-TRICHLOROETHANE
8U	CARBON TETRACHLORIDE
16U	VINYL ACETATE
8U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
8U	1,2-DICHLOROPROPANE
8U	CIS-1,3-DICHLOROPROPENE
8U	TRICHLOROETHENE(TRICHLOROETHYLENE)
8U	DIBROMOCHLOROMETHANE
8U	1,1,2-TRICHLOROETHANE
8U	BENZENE
8U	TRANS-1,3-DICHLOROPROPENE
8U	BROMOFORM
16U	METHYL ISOBUTYL KETONE
16U	METHYL BUTYL KETONE
8U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
8U	1,1,2,2-TETRACHLOROETHANE
8U	TOLUENE
8U	CHLOROBENZENE
8U	ETHYL BENZENE
8U	STYRENE
8U	TOTAL XYLENES
38	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50585 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-03

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1050 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W518

UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE
14U	BROMOMETHANE
14U	VINYL CHLORIDE
14U	CHLOROETHANE
8U	METHYLENE CHLORIDE
14U	ACETONE
7U	CARBON DISULFIDE
7U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
7U	1,1-DICHLOROETHANE
7U	1,2-DICHLOROETHENE (TOTAL)
7U	CHLOROFORM
7U	1,2-DICHLOROETHANE
14U	METHYL ETHYL KETONE
7U	1,1,1-TRICHLOROETHANE
7U	CARBON TETRACHLORIDE
14U	VINYL ACETATE
7U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
7U	1,2-DICHLOROPROPANE
7U	CIS-1,3-DICHLOROPROPENE
7U	TRICHLOROETHENE(TRICHLOROETHYLENE)
7U	DIBROMOCHLOROMETHANE
7U	1,1,2-TRICHLOROETHANE
7U	BENZENE
7U	TRANS-1,3-DICHLOROPROPENE
7U	BROMOFORM
14U	METHYL ISOBUTYL KETONE
14U	METHYL BUTYL KETONE
7U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7U	1,1,2,2-TETRACHLOROETHANE
7U	TOLUENE
7U	CHLOROBENZENE
7U	ETHYL BENZENE
7U	STYRENE
7U	TOTAL XYLENES
27	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50566 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-04

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0955 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W843

UG/KG	ANALYTICAL RESULTS
20U	CHLOROMETHANE
20U	BROMOMETHANE
20U	VINYL CHLORIDE
20U	CHLOROETHANE
10U	METHYLENE CHLORIDE
20U	ACETONE
10U	CARBON DISULFIDE
10U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	1,1-DICHLOROETHANE
10U	1,2-DICHLOROETHENE (TOTAL)
10U	CHLOROFORM
10U	1,2-DICHLOROETHANE
20U	METHYL ETHYL KETONE
10U	1,1,1-TRICHLOROETHANE
10U	CARBON TETRACHLORIDE
20U	VINYL ACETATE
10U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
10U	1,2-DICHLOROPROPANE
10U	CIS-1,3-DICHLOROPROPENE
10U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	DIBROMOCHLOROMETHANE
10U	1,1,2-TRICHLOROETHANE
10U	BENZENE
10U	TRANS-1,3-DICHLOROPROPENE
10U	BROMOFORM
20U	METHYL ISOBUTYL KETONE
20U	METHYL BUTYL KETONE
10U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
10U	CHLOROBENZENE
10U	ETHYL BENZENE
10U	STYRENE
10U	TOTAL XYLENES
51	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50565 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-05

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1150 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W957

UG/KG	ANALYTICAL RESULTS
15U	CHLOROMETHANE
15U	BROMOMETHANE
15U	VINYL CHLORIDE
15U	CHLOROETHANE
7U	METHYLENE CHLORIDE
15U	ACETONE
7U	CARBON DISULFIDE
7U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
7U	1,1-DICHLOROETHANE
7U	1,2-DICHLOROETHENE (TOTAL)
7U	CHLOROFORM
7U	1,2-DICHLOROETHANE
15U	METHYL ETHYL KETONE
7U	1,1,1-TRICHLOROETHANE
7U	CARBON TETRACHLORIDE
15U	VINYL ACETATE
7U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
7U	1,2-DICHLOROPROPANE
7U	CIS-1,3-DICHLOROPROPENE
7U	TRICHLOROETHENE(TRICHLOROETHYLENE)
7U	DIBROMOCHLOROMETHANE
7U	1,1,2-TRICHLOROETHANE
7U	BENZENE
7U	TRANS-1,3-DICHLOROPROPENE
7U	BROMOFORM
15U	METHYL ISOBUTYL KETONE
15U	METHYL BUTYL KETONE
7U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7U	1,1,2,2-TETRACHLOROETHANE
7U	TOLUENE
7U	CHLOROBENZENE
7U	ETHYL BENZENE
7U	STYRENE
7U	TOTAL XYLENES
33	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-06

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1650 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W506

UG/KG	ANALYTICAL RESULTS
15U	CHLOROMETHANE
15U	BROMOMETHANE
15U	VINYL CHLORIDE
15U	CHLOROETHANE
20U	METHYLENE CHLORIDE
40U	ACETONE
7U	CARBON DISULFIDE
7U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
7U	1,1-DICHLOROETHANE
7U	1,2-DICHLOROETHENE (TOTAL)
7U	CHLOROFORM
7U	1,2-DICHLOROETHANE
15U	METHYL ETHYL KETONE
7U	1,1,1-TRICHLOROETHANE
7U	CARBON TETRACHLORIDE
15U	VINYL ACETATE
7U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
7U	1,2-DICHLOROPROPANE
7U	CIS-1,3-DICHLOROPROPENE
7U	TRICHLOROETHENE(TRICHLOROETHYLENE)
7U	DIBROMOCHLOROMETHANE
7U	1,1,2-TRICHLOROETHANE
7U	BENZENE
7U	TRANS-1,3-DICHLOROPROPENE
7U	BROMOFORM
15U	METHYL ISOBUTYL KETONE
15U	METHYL BUTYL KETONE
7U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7U	1,1,2,2-TETRACHLOROETHANE
7U	TOLUENE
7U	CHLOROBENZENE
7U	ETHYL BENZENE
7U	STYRENE
7U	TOTAL XYLENES
32	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50569 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-07

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1710 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W507

UG/KG	ANALYTICAL RESULTS
15U	CHLOROMETHANE
15U	BROMOMETHANE
15U	VINYL CHLORIDE
15U	CHLOROETHANE
40U	METHYLENE CHLORIDE
15U	ACETONE
8U	CARBON DISULFIDE
8U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
8U	1,1-DICHLOROETHANE
8U	1,2-DICHLOROETHENE (TOTAL)
8U	CHLOROFORM
8U	1,2-DICHLOROETHANE
15U	METHYL ETHYL KETONE
8U	1,1,1-TRICHLOROETHANE
8U	CARBON TETRACHLORIDE
15U	VINYL ACETATE
8U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
8U	1,2-DICHLOROPROPANE
8U	CIS-1,3-DICHLOROPROPENE
8U	TRICHLOROETHENE(TRICHLOROETHYLENE)
8U	DIBROMOCHLOROMETHANE
8U	1,1,2-TRICHLOROETHANE
8U	BENZENE
8U	TRANS-1,3-DICHLOROPROPENE
8U	BROMOFORM
15U	METHYL ISOBUTYL KETONE
15U	METHYL BUTYL KETONE
8U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
8U	1,1,2,2-TETRACHLOROETHANE
10U	TOLUENE
8U	CHLOROBENZENE
8U	ETHYL BENZENE
8U	STYRENE
8U	TOTAL XYLENES
34	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50580 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SD-08

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0835 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W516

UG/KG	ANALYTICAL RESULTS
36U	CHLOROMETHANE
36U	BROMOMETHANE
36U	VINYL CHLORIDE
36U	CHLOROETHANE
18U	METHYLENE CHLORIDE
200U	ACETONE
18U	CARBON DISULFIDE
18U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
18U	1,1-DICHLOROETHANE
18U	1,2-DICHLOROETHENE (TOTAL)
18U	CHLOROFORM
18U	1,2-DICHLOROETHANE
36U	METHYL ETHYL KETONE
18U	1,1,1-TRICHLOROETHANE
18U	CARBON TETRACHLORIDE
36U	VINYL ACETATE
18U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
18U	1,2-DICHLOROPROPANE
18U	CIS-1,3-DICHLOROPROPENE
18U	TRICHLOROETHENE(TRICHLOROETHYLENE)
18U	DIBROMOCHLOROMETHANE
18U	1,1,2-TRICHLOROETHANE
18U	BENZENE
18U	TRANS-1,3-DICHLOROPROPENE
18U	BROMOFORM
36U	METHYL ISOBUTYL KETONE
36U	METHYL BUTYL KETONE
18U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
18U	1,1,2,2-TETRACHLOROETHANE
18U	TOLUENE
18U	CHLOROBENZENE
18U	ETHYL BENZENE
18U	STYRENE
18U	TOTAL XYLENES
72	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50584 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-09

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1100 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W517

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
14U	CHLOROMETHANE	7U	1,2-DICHLOROPROPANE
14U	BROMOMETHANE	7U	CIS-1,3-DICHLOROPROPENE
14U	VINYL CHLORIDE	7U	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	CHLOROETHANE	7U	DIBROMOCHLOROMETHANE
7U	METHYLENE CHLORIDE	7U	1,1,2-TRICHLOROETHANE
70U	ACETONE	7U	BENZENE
7U	CARBON DISULFIDE	7U	TRANS-1,3-DICHLOROPROPENE
7U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	7U	BROMOFORM
7U	1,1-DICHLOROETHANE	14U	METHYL ISOBUTYL KETONE
7U	1,2-DICHLOROETHENE (TOTAL)	14U	METHYL BUTYL KETONE
7U	CHLOROFORM	7U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7U	1,2-DICHLOROETHANE	7U	1,1,2,2-TETRACHLOROETHANE
14U	METHYL ETHYL KETONE	7U	TOLUENE
7U	1,1,1-TRICHLOROETHANE	7U	CHLOROBENZENE
7U	CARBON TETRACHLORIDE	7U	ETHYL BENZENE
14U	VINYL ACETATE	7U	STYRENE
7U	BROMODICHLOROMETHANE	7U	TOTAL XYLENES
		30	PERCENT MOISTURE

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50553 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SS-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1635 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W837

UG/KG	ANALYTICAL RESULTS
11U	CHLOROMETHANE
11U	BROMOMETHANE
11U	VINYL CHLORIDE
11U	CHLOROETHANE
8U	METHYLENE CHLORIDE
11U	ACETONE
6U	CARBON DISULFIDE
6U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U	1,1-DICHLOROETHANE
6U	1,2-DICHLOROETHENE (TOTAL)
6U	CHLOROFORM
6U	1,2-DICHLOROETHANE
11U	METHYL ETHYL KETONE
6U	1,1,1-TRICHLOROETHANE
6U	CARBON TETRACHLORIDE
11U	VINYL ACETATE
6U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
6U	1,2-DICHLOROPROPANE
6U	CIS-1,3-DICHLOROPROPENE
6U	TRICHLOROETHENE(TRICHLOROETHYLENE)
6U	DIBROMOCHLOROMETHANE
6U	1,1,2-TRICHLOROETHANE
6U	BENZENE
6U	TRANS-1,3-DICHLOROPROPENE
6U	BROMOFORM
11U	METHYL ISOBUTYL KETONE
11U	METHYL BUTYL KETONE
6U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6U	1,1,2,2-TETRACHLOROETHANE
6U	TOLUENE
6U	CHLOROBENZENE
6U	ETHYL BENZENE
6U	STYRENE
6U	TOTAL XYLENES
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50582 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SS-02

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0930 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W515

UG/KG	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
20U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES
0	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50588 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: TB-01S

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1100 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W521

UG/KG	ANALYTICAL RESULTS
11U	CHLOROMETHANE
11U	BROMOMETHANE
11U	VINYL CHLORIDE
11U	CHLOROETHANE
20U	METHYLENE CHLORIDE
50U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
11U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
11U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
11U	METHYL ISOBUTYL KETONE
11U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES
9	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA. 11/15/90

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

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**   PROJECT NO. 90-800   SAMPLE NO. 50571  SAMPLE TYPE: SEDIM        PROG ELEM: NSF   COLLECTED BY: J JENKINS            **
**   SOURCE: GA POWER/WANSLEY STE                                     CITY: ROOPVILLE              ST: GA                  **
**   STATION ID: SB-04                                                COLLECTION START: 09/18/90  1445   STOP: 00/00/00    **
**   CASE.NO.: 14890          SAS NO.:                                D. NO.: W503                MD NO: W503              **
**                                                                                                                         **
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ANALYTICAL RESULTS UG/KG

80JN TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 90-800   SAMPLE NO. 50572   SAMPLE TYPE: SEDIM   PROG ELEM: NSF   COLLECTED BY: J JENKINS
SOURCE: CITY: ROOPVILLE   ST: GA
STATION ID: SB-05   COLLECTION START: 09/19/90 0915   STOP: 00/00/00
CASE NO.: 14890   SAS NO.:   D. NO.: W511   MD NO: W511

ANALYTICAL RESULTS UG/KG

70JN   TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN   *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA. 11/15/90

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50578 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SB-06 COLLECTION START: 09/19/90 1140 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W513 MD NO: W513

ANALYTICAL RESULTS UG/KG

100JN TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.
11/15/90

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50585 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SD-03 COLLECTION START: 09/20/90 1050 STOP: 00/00/00
CASE NO.: 14890 SAS NO.: D. NO.: W518 MD NO: W518

ANALYTICAL RESULTS UG/KG

50JN TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-06
CASE NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1650 STOP: 00/00/00
D. NO.: W506 MD NO: W506

ANALYTICAL RESULTS UG/KG

200JN	TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.   11/15/90

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

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** PROJECT NO. 90-800 SAMPLE NO. 50569 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SD-07 COLLECTION START: 09/18/90 1710 STOP: 00/00/00 **
** CASE.NO.: 14890 SAS NO.: D. NO.: W507 MD NO: W507 **
** **
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ANALYTICAL RESULTS UG/KG

100JN TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50588 SAMPLE TYPE: SEDIM
PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE
CITY: ROOPVILLE ST: GA
STATION ID: TB-01S
COLLECTION START: 09/20/90 1100 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.:
D. NO.: W521 MD NO:

ANALYTICAL RESULTS UG/KG

50JN	TRICHLOROTRIFLUOROETHANE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50565 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SD-05 COLLECTION START: 09/18/90 1150 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W957

UG/KG	ANALYTICAL RESULTS
520U	PHENOL
520U	BIS(2-CHLOROETHYL) ETHER
520U	2-CHLOROPHENOL
520U	1,3-DICHLOROBENZENE
520U	1,4-DICHLOROBENZENE
520U	BENZYL ALCOHOL
520U	1,2-DICHLOROBENZENE
520U	2-METHYLPHENOL
520UR	BIS(2-CHLOROISOPROPYL) ETHER
520U	(3-AND/OR 4-)METHYLPHENOL
520U	N-NITROSODI-N-PROPYLAMINE
520U	HEXACHLOROETHANE
520UR	NITROBENZENE
520U	ISOPHORONE
520UJ	2-NITROPHENOL
520UR	2,4-DIMETHYLPHENOL
2500U	BENZOIC ACID
520U	BIS(2-CHLOROETHOXY) METHANE
520U	2,4-DICHLOROPHENOL
520UR	1,2,4-TRICHLOROBENZENE
520U	NAPHTHALENE
520U	4-CHLOROANILINE
520U	HEXACHLOROBUTADIENE
520U	4-CHLORO-3-METHYLPHENOL
520U	2-METHYLNAPHTHALENE
520U	HEXACHLOROCYCLOPENTADIENE (HCCP)
520U	2,4,6-TRICHLOROPHENOL
2500U	2,4,5-TRICHLOROPHENOL
520UJ	2-CHLORONAPHTHALENE
2500U	2-NITROANILINE
520U	DIMETHYL PHTHALATE
520U	ACENAPHTHYLENE
520U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
2500UJ	3-NITROANILINE
520U	ACENAPHTHENE
2500U	2,4-DINITROPHENOL
2500U	4-NITROPHENOL
520U	DIBENZOFURAN
520U	2,4-DINITROTOLUENE
520U	DIETHYL PHTHALATE
520U	4-CHLOROPHENYL PHENYL ETHER
520U	FLUORENE
2500U	4-NITROANILINE
2500U	2-METHYL-4,6-DINITROPHENOL
520U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
520U	4-BROMOPHENYL PHENYL ETHER
520U	HEXACHLOROBENZENE (HCB)
2500U	PENTACHLOROPHENOL
520U	PHENANTHRENE
520U	ANTHRACENE
520U	DI-N-BUTYLPHTHALATE
520U	FLUORANTHENE
520U	PYRENE
520U	BENZYL BUTYL PHTHALATE
1000U	3,3'-DICHLOROBENZIDINE
520U	BENZO(A)ANTHRACENE
520U	CHRYSENE
520U	BIS(2-ETHYLHEXYL) PHTHALATE
520U	DI-N-OCTYLPHTHALATE
520U	BENZO(B AND/OR K)FLUORANTHENE
520U	BENZO-A-PYRENE
520U	INDENO (1,2,3-CD) PYRENE
520U	DIBENZO(A,H)ANTHRACENE
520U	BENZO(GHI)PERYLENE
33	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-06

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1650 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W506

UG/KG	ANALYTICAL RESULTS
510U	PHENOL
510U	BIS(2-CHLOROETHYL) ETHER
510U	2-CHLOROPHENOL
510U	1,3-DICHLOROBENZENE
510U	1,4-DICHLOROBENZENE
510U	BENZYL ALCOHOL
510U	1,2-DICHLOROBENZENE
510U	2-METHYLPHENOL
510UR	BIS(2-CHLOROISOPROPYL) ETHER
510U	(3-AND/OR 4-)METHYLPHENOL
510U	N-NITROSODI-N-PROPYLAMINE
510U	HEXACHLOROETHANE
510UR	NITROBENZENE
510U	ISOPHORONE
510UJ	2-NITROPHENOL
510UR	2,4-DIMETHYLPHENOL
2500U	BENZOIC ACID
510U	BIS(2-CHLOROETHOXY) METHANE
510U	2,4-DICHLOROPHENOL
510UR	1,2,4-TRICHLOROBENZENE
340J	NAPHTHALENE
510U	4-CHLOROANILINE
510U	HEXACHLOROBUTADIENE
510U	4-CHLORO-3-METHYLPHENOL
800	2-METHYLNAPHTHALENE
510U	HEXACHLOROCYCLOPENTADIENE (HCCP)
510U	2,4,6-TRICHLOROPHENOL
2500U	2,4,5-TRICHLOROPHENOL
510UJ	2-CHLORONAPHTHALENE
2500U	2-NITROANILINE
510U	DIMETHYL PHTHALATE
510U	ACENAPHTHYLENE
510U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
2500UJ	3-NITROANILINE
510U	ACENAPHTHENE
2500U	2,4-DINITROPHENOL
2500U	4-NITROPHENOL
350J	DIBENZOFURAN
510U	2,4-DINITROTOLUENE
510U	DIETHYL PHTHALATE
510U	4-CHLOROPHENYL PHENYL ETHER
510U	FLUORENE
2500U	4-NITROANILINE
2500U	2-METHYL-4,6-DINITROPHENOL
510U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
510U	4-BROMOPHENYL PHENYL ETHER
510U	HEXACHLOROBENZENE (HCB)
2500U	PENTACHLOROPHENOL
1000	PHENANTHRENE
160J	ANTHRACENE
510U	DI-N-BUTYLPHTHALATE
510U	FLUORANTHENE
230J	PYRENE
510U	BENZYL BUTYL PHTHALATE
1000U	3,3'-DICHLOROBENZIDINE
510U	BENZO(A)ANTHRACENE
130J	CHRYSENE
510U	BIS(2-ETHYLHEXYL) PHTHALATE
510U	DI-N-OCTYLPHTHALATE
510U	BENZO(B AND/OR K)FLUORANTHENE
510U	BENZO-A-PYRENE
510U	INDENO (1,2,3-CD) PYRENE
510U	DIBENZO(A,H)ANTHRACENE
510U	BENZO(GHI)PERYLENE
32	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50569 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SD-07 COLLECTION START: 09/18/90 1710 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W507

UG/KG	ANALYTICAL RESULTS
520U	PHENOL
520U	BIS(2-CHLOROETHYL) ETHER
520U	2-CHLOROPHENOL
520U	1,3-DICHLOROBENZENE
520U	1,4-DICHLOROBENZENE
520U	BENZYL ALCOHOL
520U	1,2-DICHLOROBENZENE
520U	2-METHYLPHENOL
520UR	BIS(2-CHLOROISOPROPYL) ETHER
520U	(3-AND/OR 4-)METHYLPHENOL
520U	N-NITROSODI-N-PROPYLAMINE
520U	HEXACHLOROETHANE
520UR	NITROBENZENE
520U	ISOPHORONE
520UJ	2-NITROPHENOL
520UR	2,4-DIMETHYLPHENOL
2500U	BENZOIC ACID
520U	BIS(2-CHLOROETHOXY) METHANE
520U	2,4-DICHLOROPHENOL
520UR	1,2,4-TRICHLOROBENZENE
520U	NAPHTHALENE
520U	4-CHLOROANILINE
520U	HEXACHLOROBUTADIENE
520U	4-CHLORO-3-METHYLPHENOL
260J	2-METHYLNAPHTHALENE
520U	HEXACHLOROCYCLOPENTADIENE (HCCP)
520U	2,4,6-TRICHLOROPHENOL
2500U	2,4,5-TRICHLOROPHENOL
520UJ	2-CHLORONAPHTHALENE
2500U	2-NITROANILINE
520U	DIMETHYL PHTHALATE
520U	ACENAPHTHYLENE
520U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
2500UJ	3-NITROANILINE
520U	ACENAPHTHENE
2500U	2,4-DINITROPHENOL
2500U	4-NITROPHENOL
140J	DIBENZOFURAN
520U	2,4-DINITROTOLUENE
520U	DIETHYL PHTHALATE
520U	4-CHLOROPHENYL PHENYL ETHER
520U	FLUORENE
2500U	4-NITROANILINE
2500U	2-METHYL-4,6-DINITROPHENOL
520U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
520U	4-BROMOPHENYL PHENYL ETHER
520U	HEXACHLOROBENZENE (HCB)
2500U	PENTACHLOROPHENOL
390J	PHENANTHRENE
66J	ANTHRACENE
520U	DI-N-BUTYLPHTHALATE
520U	FLUORANTHENE
70J	PYRENE
520U	BENZYL BUTYL PHTHALATE
1000U	3,3'-DICHLOROBENZIDINE
520U	BENZO(A)ANTHRACENE
520U	CHRYSENE
520U	BIS(2-ETHYLHEXYL) PHTHALATE
520U	DI-N-OCTYLPHTHALATE
520U	BENZO(B AND/OR K)FLUORANTHENE
520U	BENZO-A-PYRENE
520U	INDENO (1,2,3-CD) PYRENE
520U	DIBENZO(A,H)ANTHRACENE
520U	BENZO(GHI)PERYLENE
34	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50580 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SD-08

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0835 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W516

UG/KG	ANALYTICAL RESULTS
1300U	PHENOL
1300U	BIS(2-CHLOROETHYL) ETHER
1300U	2-CHLOROPHENOL
1300U	1,3-DICHLOROBENZENE
1300U	1,4-DICHLOROBENZENE
1300U	BENZYL ALCOHOL
1300U	1,2-DICHLOROBENZENE
1300U	2-METHYLPHENOL
1300UR	BIS(2-CHLOROISOPROPYL) ETHER
1300U	(3-AND/OR 4-)METHYLPHENOL
1300U	N-NITROSODI-N-PROPYLAMINE
1300U	HEXACHLOROETHANE
1300UR	NITROBENZENE
1300U	ISOPHORONE
1300UJ	2-NITROPHENOL
1300UR	2,4-DIMETHYLPHENOL
6100U	BENZOIC ACID
1300U	BIS(2-CHLOROETHOXY) METHANE
1300U	2,4-DICHLOROPHENOL
1300UR	1,2,4-TRICHLOROBENZENE
1300U	NAPHTHALENE
1300U	4-CHLOROANILINE
1300U	HEXACHLOROBUTADIENE
1300U	4-CHLORO-3-METHYLPHENOL
1300U	2-METHYLNAPHTHALENE
1300U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1300U	2,4,6-TRICHLOROPHENOL
6100U	2,4,5-TRICHLOROPHENOL
1300UJ	2-CHLORONAPHTHALENE
6100U	2-NITROANILINE
1300U	DIMETHYL PHTHALATE
1300U	ACENAPHTHYLENE
1300U	2,6-DINITROTOLUENE
6100UJ	3-NITROANILINE
1300U	ACENAPHTHENE
6100U	2,4-DINITROPHENOL
6100U	4-NITROPHENOL
1300U	DIBENZOFURAN
1300U	2,4-DINITROTOLUENE
1300U	DIETHYL PHTHALATE
1300U	4-CHLOROPHENYL PHENYL ETHER
1300U	FLUORENE
6100U	4-NITROANILINE
6100U	2-METHYL-4,6-DINITROPHENOL
1300U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1300U	4-BROMOPHENYL PHENYL ETHER
1300U	HEXACHLOROBENZENE (HCB)
6100U	PENTACHLOROPHENOL
1300U	PHENANTHRENE
1300U	ANTHRACENE
1300U	DI-N-BUTYLPHTHALATE
1300U	FLUORANTHENE
1300U	PYRENE
1300U	BENZYL BUTYL PHTHALATE
2500U	3,3'-DICHLOROBENZIDINE
1300U	BENZO(A)ANTHRACENE
1300U	CHRYSENE
1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	DI-N-OCTYLPHTHALATE
1300U	BENZO(B AND/OR K)FLUORANTHENE
1300U	BENZO-A-PYRENE
1300U	INDENO (1,2,3-CD) PYRENE
1300U	DIBENZO(A,H)ANTHRACENE
1300U	BENZO(GHI)PERYLENE
72	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50584 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-09

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1100 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W517

UG/KG	ANALYTICAL RESULTS
500U	PHENOL
500U	BIS(2-CHLOROETHYL) ETHER
500U	2-CHLOROPHENOL
500U	1,3-DICHLOROBENZENE
500U	1,4-DICHLOROBENZENE
500U	BENZYL ALCOHOL
500U	1,2-DICHLOROBENZENE
500U	2-METHYLPHENOL
500UR	BIS(2-CHLOROISOPROPYL) ETHER
500U	(3-AND/OR 4-)METHYLPHENOL
500U	N-NITROSODI-N-PROPYLAMINE
500U	HEXACHLOROETHANE
500UR	NITROBENZENE
500U	ISOPHORONE
500UJ	2-NITROPHENOL
500UR	2,4-DIMETHYLPHENOL
2400U	BENZOIC ACID
500U	BIS(2-CHLOROETHOXY) METHANE
500U	2,4-DICHLOROPHENOL
500UR	1,2,4-TRICHLOROBENZENE
500U	NAPHTHALENE
500U	4-CHLOROANILINE
500U	HEXACHLOROBUTADIENE
500U	4-CHLORO-3-METHYLPHENOL
160J	2-METHYLNAPHTHALENE
500U	HEXACHLOROCYCLOPENTADIENE (HCCP)
500U	2,4,6-TRICHLOROPHENOL
2400U	2,4,5-TRICHLOROPHENOL
500UJ	2-CHLORONAPHTHALENE
2400U	2-NITROANILINE
500U	DIMETHYL PHTHALATE
500U	ACENAPHTHYLENE
500U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
2400UJ	3-NITROANILINE
500U	ACENAPHTHENE
2400U	2,4-DINITROPHENOL
2400U	4-NITROPHENOL
83J	DIBENZOFURAN
500U	2,4-DINITROTOLUENE
500U	DIETHYL PHTHALATE
500U	4-CHLOROPHENYL PHENYL ETHER
500U	FLUORENE
2400U	4-NITROANILINE
2400U	2-METHYL-4,6-DINITROPHENOL
500U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
500U	4-BROMOPHENYL PHENYL ETHER
500U	HEXACHLOROBENZENE (HCB)
2400U	PENTACHLOROPHENOL
270J	PHENANTHRENE
55J	ANTHRACENE
500U	DI-N-BUTYLPHTHALATE
500U	FLUORANTHENE
75J	PYRENE
500U	BENZYL BUTYL PHTHALATE
990U	3,3'-DICHLOROBENZIDINE
500U	BENZO(A)ANTHRACENE
60J	CHRYSENE
500U	BIS(2-ETHYLHEXYL) PHTHALATE
500U	DI-N-OCTYLPHTHALATE
500U	BENZO(B AND/OR K)FLUORANTHENE
500U	BENZO-A-PYRENE
500U	INDENO (1,2,3-CD) PYRENE
500U	DIBENZO(A,H)ANTHRACENE
500U	BENZO(GHI)PERYLENE
30	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

** PROJECT NO. 90-800 SAMPLE NO. 50553 SAMPLE TYPE: SEDIM
** SOURCE: GA POWER/WANSLEY STE
** STATION ID: SS-01
** CASE NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1635 STOP: 00/00/00
D. NO.: W837

UG/KG	ANALYTICAL RESULTS
390U	PHENOL
390U	BIS(2-CHLOROETHYL) ETHER
390U	2-CHLOROPHENOL
390U	1,3-DICHLOROBENZENE
390U	1,4-DICHLOROBENZENE
390U	BENZYL ALCOHOL
390U	1,2-DICHLOROBENZENE
390U	2-METHYLPHENOL
390UR	BIS(2-CHLOROISOPROPYL) ETHER
390U	(3-AND/OR 4-)METHYLPHENOL
390U	N-NITROSODI-N-PROPYLAMINE
390U	HEXACHLOROETHANE
390UR	NITROBENZENE
390U	ISOPHORONE
390UJ	2-NITROPHENOL
390UR	2,4-DIMETHYLPHENOL
1900U	BENZOIC ACID
390U	BIS(2-CHLOROETHOXY) METHANE
390U	2,4-DICHLOROPHENOL
390UR	1,2,4-TRICHLOROBENZENE
390U	NAPHTHALENE
390U	4-CHLOROANILINE
390U	HEXACHLOROBUTADIENE
390U	4-CHLORO-3-METHYLPHENOL
390U	2-METHYLNAPHTHALENE
390U	HEXACHLOROCYCLOPENTADIENE (HCCP)
390U	2,4,6-TRICHLOROPHENOL
1900U	2,4,5-TRICHLOROPHENOL
390UJ	2-CHLORONAPHTHALENE
1900U	2-NITROANILINE
390U	DIMETHYL PHTHALATE
390U	ACENAPHTHYLENE
390U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1900UJ	3-NITROANILINE
390U	ACENAPHTHENE
1900U	2,4-DINITROPHENOL
1900U	4-NITROPHENOL
390U	DIBENZOFURAN
390U	2,4-DINITROTOLUENE
390U	DIETHYL PHTHALATE
390U	4-CHLOROPHENYL PHENYL ETHER
390U	FLUORENE
1900U	4-NITROANILINE
1900U	2-METHYL-4,6-DINITROPHENOL
390U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
390U	4-BROMOPHENYL PHENYL ETHER
390U	HEXACHLOROBENZENE (HCB)
1900U	PENTACHLOROPHENOL
390U	PHENANTHRENE
390U	ANTHRACENE
390U	DI-N-BUTYLPHTHALATE
390U	FLUORANTHENE
390U	PYRENE
390U	BENZYL BUTYL PHTHALATE
790U	3,3'-DICHLOROBENZIDINE
390U	BENZO(A)ANTHRACENE
390U	CHRYSENE
390U	BIS(2-ETHYLHEXYL) PHTHALATE
390U	DI-N-OCTYLPHTHALATE
390U	BENZO(B AND/OR K)FLUORANTHENE
390U	BENZO-A-PYRENE
390U	INDENO (1,2,3-CD) PYRENE
390U	DIBENZO(A,H)ANTHRACENE
390U	BENZO(GHI)PERYLENE
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50582 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: CITY: ROOPVILLE ST: GA
STATION ID: SS-02 COLLECTION START: 09/20/90 0930 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W515

UG/KG	ANALYTICAL RESULTS
330UJ	PHENOL
330UJ	BIS(2-CHLOROETHYL) ETHER
330UJ	2-CHLOROPHENOL
330UJ	1,3-DICHLOROBENZENE
330UJ	1,4-DICHLOROBENZENE
330UJ	BENZYL ALCOHOL
330UJ	1,2-DICHLOROBENZENE
330UJ	2-METHYLPHENOL
330UR	BIS(2-CHLOROISOPROPYL) ETHER
330UJ	(3-AND/OR 4-)METHYLPHENOL
330UJ	N-NITROSODI-N-PROPYLAMINE
330UJ	HEXACHLOROETHANE
330UR	NITROBENZENE
330UJ	ISOPHORONE
330UJ	2-NITROPHENOL
330UR	2,4-DIMETHYLPHENOL
1600UJ	BENZOIC ACID
330UJ	BIS(2-CHLOROETHOXY) METHANE
330UJ	2,4-DICHLOROPHENOL
330UR	1,2,4-TRICHLOROBENZENE
330UJ	NAPHTHALENE
330UJ	4-CHLOROANILINE
330UJ	HEXACHLOROBUTADIENE
330UJ	4-CHLORO-3-METHYLPHENOL
330UJ	2-METHYLNAPHTHALENE
330UJ	HEXACHLOROCYCLOPENTADIENE (HCCP)
330UJ	2,4,6-TRICHLOROPHENOL
1600UJ	2,4,5-TRICHLOROPHENOL
330UJ	2-CHLORONAPHTHALENE
1600UJ	2-NITROANILINE
330UJ	DIMETHYL PHTHALATE
330UJ	ACENAPHTHYLENE
330UJ	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
1600UJ	3-NITROANILINE
330UJ	ACENAPHTHENE
1600UJ	2,4-DINITROPHENOL
1600UJ	4-NITROPHENOL
330UJ	DIBENZOFURAN
330UJ	2,4-DINITROTOLUENE
330UJ	DIETHYL PHTHALATE
330UJ	4-CHLOROPHENYL PHENYL ETHER
330UJ	FLUORENE
1600UJ	4-NITROANILINE
1600UJ	2-METHYL-4,6-DINITROPHENOL
330UJ	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
330UJ	4-BROMOPHENYL PHENYL ETHER
330UJ	HEXACHLOROBENZENE (HCB)
1600UJ	PENTACHLOROPHENOL
330UJ	PHENANTHRENE
330UJ	ANTHRACENE
330UJ	DI-N-BUTYLPHTHALATE
330UJ	FLUORANTHENE
330UJ	PYRENE
330UJ	BENZYL BUTYL PHTHALATE
660UJ	3,3'-DICHLOROBENZIDINE
330UJ	BENZO(A)ANTHRACENE
330UJ	CHRYSENE
330UJ	BIS(2-ETHYLHEXYL) PHTHALATE
330UJ	DI-N-OCTYLPHTHALATE
330UJ	BENZO(B AND/OR K)FLUORANTHENE
330UJ	BENZO-A-PYRENE
330UJ	INDENO (1,2,3-CD) PYRENE
330UJ	DIBENZO(A,H)ANTHRACENE
330UJ	BENZO(GHI)PERYLENE
0	PERCENT MOISTURE

REMARKS
EXCESSIVE HOLDING TIME

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50552 SAMPLE TYPE: SEDIM	PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE:	CITY: ROOPVILLE ST: GA
STATION ID: SD-01	COLLECTION START: 09/17/90 1555 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.:	D. NO.: W836 MD NO: W836

ANALYTICAL RESULTS UG/KG

5000J 4 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50566 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SD-04 COLLECTION START: 09/18/90 0955 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W843 MD NO: W843

ANALYTICAL RESULTS UG/KG

5000J	3 UNIDENTIFIED COMPOUNDS
N	PETROLEUM PRODUCT
900JN	HEXADECENOIC ACID
3000JN	HEXADECANOIC ACID

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM
PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE
CITY: ROOPVILLE ST: GA
STATION ID: SD-06
COLLECTION START: 09/18/90 1650 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.:
D. NO.: W506 MD NO: W506

ANALYTICAL RESULTS UG/KG

10000J	15 UNIDENTIFIED COMPOUNDS
N	PETROLEUM PRODUCT
2000JN	DIMETHYLNAPHTHALENE (3 ISOMERS)
800JN	TRIMETHYLNAPHTHALENE
1000JN	ETHYLDIMETHYLAZULENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50569 SAMPLE TYPE: SEDIM
PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE
CITY: ROOPVILLE ST: GA
STATION ID: SD-07
COLLECTION START: 09/18/90 1710 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.:
D. NO.: W507 MD NO: W507

ANALYTICAL RESULTS UG/KG

N	PETROLEUM PRODUCT
600JN	DIMETHYLNAPHTHALENE (2 ISOMERS)
400JN	ETHYLDIMETHYLAZULENE
6000J	6 UNIDENTIFIED COMPOUNDS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

*** ***
** PROJECT NO. 90-800 SAMPLE NO. 50580 SAMPLE TYPE: SEDIM PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: CITY: ROOPVILLE ST: GA **
** STATION ID: SD-08 COLLECTION START: 09/20/90 0835 STOP: 00/00/00 **
** CASE.NO.: 14890 SAS NO.: D. NO.: W516 MD NO: W516 **
**   **
*** ***

ANALYTICAL RESULTS UG/KG

5000J 3 UNIDENTIFIED COMPOUNDS

FOOTNOTES
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MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50584 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-09
CASE.NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1100 STOP: 00/00/00
D. NO.: W517 MD NO: W517

ANALYTICAL RESULTS UG/KG

1000J	1 UNIDENTIFIED COMPOUND
600JN	DIMETHYLNAPHTHALENE (2 ISOMERS)
200JN	TRIMETHYLNAPHTHALENE
400JN	ETHYLDIMETHYLAZULENE
N	PETROLEUM PRODUCT

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50568 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SB-01
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0900 STOP: 00/00/00
D. NUMBER: W841

UG/KG	ANALYTICAL RESULTS
9.1U	ALPHA-BHC
9.1U	BETA-BHC
9.1U	DELTA-BHC
9.1U	GAMMA-BHC (LINDANE)
9.1U	HEPTACHLOR
9.1U	ALDRIN
9.1U	HEPTACHLOR EPOXIDE
9.1U	ENDOSULFAN I (ALPHA)
18U	DIELDRIN
18U	4,4'-DDE (P,P'-DDE)
18U	ENDRIN
18U	ENDOSULFAN II (BETA)
18U	4,4'-DDD (P,P'-DDD)
18U	ENDOSULFAN SULFATE
18U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
91U	METHOXYCHLOR
18U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
91U	GAMMA-CHLORDANE /2
91U	ALPHA-CHLORDANE /2
180U	TOXAPHENE
91U	PCB-1016 (AROCLOR 1016)
91U	PCB-1221 (AROCLOR 1221)
91U	PCB-1232 (AROCLOR 1232)
91U	PCB-1242 (AROCLOR 1242)
91U	PCB-1248 (AROCLOR 1248)
180U	PCB-1254 (AROCLOR 1254)
180U	PCB-1260 (AROCLOR 1260)
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50577 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-02
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1050 STOP: 00/00/00
D. NUMBER: W512

UG/KG	ANALYTICAL RESULTS
9.2U	ALPHA-BHC
9.2U	BETA-BHC
9.2U	DELTA-BHC
9.2U	GAMMA-BHC (LINDANE)
9.2U	HEPTACHLOR
9.2U	ALDRIN
9.2U	HEPTACHLOR EPOXIDE
9.2U	ENDOSULFAN I (ALPHA)
18U	DIELDRIN
18U	4,4'-DDE (P,P'-DDE)
18U	ENDRIN
18U	ENDOSULFAN II (BETA)
18U	4,4'-DDD (P,P'-DDD)
18U	ENDOSULFAN SULFATE
18U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
92U	METHOXYCHLOR
18U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
92U	GAMMA-CHLORDANE /2
92U	ALPHA-CHLORDANE /2
180U	TOXAPHENE
92U	PCB-1016 (AROCLOR 1016)
92U	PCB-1221 (AROCLOR 1221)
92U	PCB-1232 (AROCLOR 1232)
92U	PCB-1242 (AROCLOR 1242)
92U	PCB-1248 (AROCLOR 1248)
180U	PCB-1254 (AROCLOR 1254)
180U	PCB-1260 (AROCLOR 1260)
14	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50567 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-03
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1055 STOP: 00/00/00
D. NUMBER: W842

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
11U	ALPHA-BHC	110U	METHOXYCHLOR
11U	BETA-BHC	23U	ENDRIN KETONE
11U	DELTA-BHC		CHLORDANE (TECH. MIXTURE) /1
11U	GAMMA-BHC (LINDANE)	110U	GAMMA-CHLORDANE /2
11U	HEPTACHLOR	110U	ALPHA-CHLORDANE /2
11U	ALDRIN	230U	TOXAPHENE
11U	HEPTACHLOR EPOXIDE	110U	PCB-1016 (AROCLOR 1016)
11U	ENDOSULFAN I (ALPHA)	110U	PCB-1221 (AROCLOR 1221)
23U	DIELDRIN	110U	PCB-1232 (AROCLOR 1232)
23U	4,4'-DDE (P,P'-DDE)	110U	PCB-1242 (AROCLOR 1242)
23U	ENDRIN	110U	PCB-1248 (AROCLOR 1248)
23U	ENDOSULFAN II (BETA)	230U	PCB-1254 (AROCLOR 1254)
23U	4,4'-DDD (P,P'-DDD)	230U	PCB-1260 (AROCLOR 1260)
23U	ENDOSULFAN SULFATE	30	PERCENT MOISTURE
23U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50571 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-04
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1445 STOP: 00/00/00
D. NUMBER: W503

UG/KG	ANALYTICAL RESULTS
11U	ALPHA-BHC
11U	BETA-BHC
11U	DELTA-BHC
11U	GAMMA-BHC (LINDANE)
11U	HEPTACHLOR
11U	ALDRIN
11U	HEPTACHLOR EPOXIDE
11U	ENDOSULFAN I (ALPHA)
21U	DIELDRIN
21U	4,4'-DDE (P,P'-DDE)
21U	ENDRIN
21U	ENDOSULFAN II (BETA)
21U	4,4'-DDD (P,P'-DDD)
21U	ENDOSULFAN SULFATE
21U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
110U	METHOXYCHLOR
21U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
110U	GAMMA-CHLORDANE /2
110U	ALPHA-CHLORDANE /2
210U	TOXAPHENE
110U	PCB-1016 (AROCLOR 1016)
110U	PCB-1221 (AROCLOR 1221)
110U	PCB-1232 (AROCLOR 1232)
110U	PCB-1242 (AROCLOR 1242)
110U	PCB-1248 (AROCLOR 1248)
210U	PCB-1254 (AROCLOR 1254)
210U	PCB-1260 (AROCLOR 1260)
25	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50572 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SB-05
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 0915 STOP: 00/00/00
D. NUMBER: W511

UG/KG	ANALYTICAL RESULTS
9.3U	ALPHA-BHC
9.3U	BETA-BHC
9.3U	DELTA-BHC
9.3U	GAMMA-BHC (LINDANE)
9.3U	HEPTACHLOR
9.3U	ALDRIN
9.3U	HEPTACHLOR EPOXIDE
9.3U	ENDOSULFAN I (ALPHA)
19U	DIELDRIN
19U	4,4'-DDE (P,P'-DDE)
19U	ENDRIN
19U	ENDOSULFAN II (BETA)
19U	4,4'-DDD (P,P'-DDD)
19U	ENDOSULFAN SULFATE
19U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
93U	METHOXYCHLOR
19U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
93U	GAMMA-CHLORDANE /2
93U	ALPHA-CHLORDANE /2
190U	TOXAPHENE
93U	PCB-1016 (AROCLOR 1016)
93U	PCB-1221 (AROCLOR 1221)
93U	PCB-1232 (AROCLOR 1232)
93U	PCB-1242 (AROCLOR 1242)
93U	PCB-1248 (AROCLOR 1248)
190U	PCB-1254 (AROCLOR 1254)
190U	PCB-1260 (AROCLOR 1260)
14	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50578 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SB-06
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1140 STOP: 00/00/00
D. NUMBER: W513

UG/KG	ANALYTICAL RESULTS
9.0U	ALPHA-BHC
9.0U	BETA-BHC
9.0U	DELTA-BHC
9.0U	GAMMA-BHC (LINDANE)
9.0U	HEPTACHLOR
9.0U	ALDRIN
9.0U	HEPTACHLOR EPOXIDE
9.0U	ENDOSULFAN I (ALPHA)
18U	DIELDRIN
18U	4,4'-DDE (P,P'-DDE)
18U	ENDRIN
18U	ENDOSULFAN II (BETA)
18U	4,4'-DDD (P,P'-DDD)
18U	ENDOSULFAN SULFATE
18U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
90U	METHOXYCHLOR
18U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
90U	GAMMA-CHLORDANE /2
90U	ALPHA-CHLORDANE /2
180U	TOXAPHENE
90U	PCB-1016 (AROCLOR 1016)
90U	PCB-1221 (AROCLOR 1221)
90U	PCB-1232 (AROCLOR 1232)
90U	PCB-1242 (AROCLOR 1242)
90U	PCB-1248 (AROCLOR 1248)
180U	PCB-1254 (AROCLOR 1254)
180U	PCB-1260 (AROCLOR 1260)
12	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50552 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SD-01
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1555 STOP: 00/00/00
D. NUMBER: W836

UG/KG	ANALYTICAL RESULTS
16U	ALPHA-BHC
16U	BETA-BHC
16U	DELTA-BHC
16U	GAMMA-BHC (LINDANE)
16U	HEPTACHLOR
16U	ALDRIN
16U	HEPTACHLOR EPOXIDE
16U	ENDOSULFAN I (ALPHA)
32U	DIELDRIN
32U	4,4'-DDE (P,P'-DDE)
32U	ENDRIN
32U	ENDOSULFAN II (BETA)
32U	4,4'-DDD (P,P'-DDD)
32U	ENDOSULFAN SULFATE
32U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
160U	METHOXYCHLOR
32U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
160U	GAMMA-CHLORDANE /2
160U	ALPHA-CHLORDANE /2
320U	TOXAPHENE
160U	PCB-1016 (AROCLOR 1016)
160U	PCB-1221 (AROCLOR 1221)
160U	PCB-1232 (AROCLOR 1232)
160U	PCB-1242 (AROCLOR 1242)
160U	PCB-1248 (AROCLOR 1248)
320U	PCB-1254 (AROCLOR 1254)
320U	PCB-1260 (AROCLOR 1260)
50	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50555 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-02
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1745 STOP: 00/00/00
D. NUMBER: W839

UG/KG	ANALYTICAL RESULTS
13U	ALPHA-BHC
13U	BETA-BHC
13U	DELTA-BHC
13U	GAMMA-BHC (LINDANE)
13U	HEPTACHLOR
13U	ALDRIN
13U	HEPTACHLOR EPOXIDE
13U	ENDOSULFAN I (ALPHA)
26U	DIELDRIN
26U	4,4'-DDE (P,P'-DDE)
26U	ENDRIN
26U	ENDOSULFAN II (BETA)
26U	4,4'-DDD (P,P'-DDD)
26U	ENDOSULFAN SULFATE
26U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
130U	METHOXYCHLOR
26U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
130U	GAMMA-CHLORDANE /2
130U	ALPHA-CHLORDANE /2
260U	TOXAPHENE
130U	PCB-1016 (AROCLOR 1016)
130U	PCB-1221 (AROCLOR 1221)
130U	PCB-1232 (AROCLOR 1232)
130U	PCB-1242 (AROCLOR 1242)
130U	PCB-1248 (AROCLOR 1248)
260U	PCB-1254 (AROCLOR 1254)
260U	PCB-1260 (AROCLOR 1260)
38	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50585 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-03
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1050 STOP: 00/00/00
D. NUMBER: W518

UG/KG	ANALYTICAL RESULTS
11U	ALPHA-BHC
11U	BETA-BHC
11U	DELTA-BHC
11U	GAMMA-BHC (LINDANE)
11U	HEPTACHLOR
11U	ALDRIN
11U	HEPTACHLOR EPOXIDE
11U	ENDOSULFAN I (ALPHA)
22U	DIELDRIN
22U	4,4'-DDE (P,P'-DDE)
22U	ENDRIN
22U	ENDOSULFAN II (BETA)
22U	4,4'-DDD (P,P'-DDD)
22U	ENDOSULFAN SULFATE
22U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
110U	METHOXYCHLOR
22U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
110U	GAMMA-CHLORDANE /2
110U	ALPHA-CHLORDANE /2
220U	TOXAPHENE
110U	PCB-1016 (AROCLOR 1016)
110U	PCB-1221 (AROCLOR 1221)
110U	PCB-1232 (AROCLOR 1232)
110U	PCB-1242 (AROCLOR 1242)
110U	PCB-1248 (AROCLOR 1248)
220U	PCB-1254 (AROCLOR 1254)
220U	PCB-1260 (AROCLOR 1260)
27	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50566 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-04
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0955 STOP: 00/00/00
D. NUMBER: W843

UG/KG	ANALYTICAL RESULTS
160U	ALPHA-BHC
160U	BETA-BHC
160U	DELTA-BHC
160U	GAMMA-BHC (LINDANE)
160U	HEPTACHLOR
160U	ALDRIN
160U	HEPTACHLOR EPOXIDE
160U	ENDOSULFAN I (ALPHA)
320U	DIELDRIN
320U	4,4'-DDE (P,P'-DDE)
320U	ENDRIN
320U	ENDOSULFAN II (BETA)
320U	4,4'-DDD (P,P'-DDD)
320U	ENDOSULFAN SULFATE
320U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
1600U	METHOXYCHLOR
320U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
1600U	GAMMA-CHLORDANE /2
1600U	ALPHA-CHLORDANE /2
3200U	TOXAPHENE
1600U	PCB-1016 (AROCLOR 1016)
1600U	PCB-1221 (AROCLOR 1221)
1600U	PCB-1232 (AROCLOR 1232)
1600U	PCB-1242 (AROCLOR 1242)
1600U	PCB-1248 (AROCLOR 1248)
3200U	PCB-1254 (AROCLOR 1254)
3200U	PCB-1260 (AROCLOR 1260)
51	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50565 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-05
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1150 STOP: 00/00/00
D. NUMBER: W957

UG/KG	ANALYTICAL RESULTS
12U	ALPHA-BHC
12U	BETA-BHC
12U	DELTA-BHC
12U	GAMMA-BHC (LINDANE)
12U	HEPTACHLOR
12U	ALDRIN
12U	HEPTACHLOR EPOXIDE
12U	ENDOSULFAN I (ALPHA)
24U	DIELDRIN
24U	4,4'-DDE (P,P'-DDE)
24U	ENDRIN
24U	ENDOSULFAN II (BETA)
24U	4,4'-DDD (P,P'-DDD)
24U	ENDOSULFAN SULFATE
24U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
120U	METHOXYCHLOR
24U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
120U	GAMMA-CHLORDANE /2
120U	ALPHA-CHLORDANE /2
240U	TOXAPHENE
120U	PCB-1016 (AROCLOR 1016)
120U	PCB-1221 (AROCLOR 1221)
120U	PCB-1232 (AROCLOR 1232)
120U	PCB-1242 (AROCLOR 1242)
120U	PCB-1248 (AROCLOR 1248)
240U	PCB-1254 (AROCLOR 1254)
240U	PCB-1260 (AROCLOR 1260)
33	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50570 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-06
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1650 STOP: 00/00/00
D. NUMBER: W506

UG/KG	ANALYTICAL RESULTS
12U	ALPHA-BHC
12U	BETA-BHC
30U	DELTA-BHC
12U	GAMMA-BHC (LINDANE)
12U	HEPTACHLOR
12U	ALDRIN
12U	HEPTACHLOR EPOXIDE
12U	ENDOSULFAN I (ALPHA)
23U	DIELDRIN
23U	4,4'-DDE (P,P'-DDE)
23U	ENDRIN
23U	ENDOSULFAN II (BETA)
23U	4,4'-DDD (P,P'-DDD)
140	ENDOSULFAN SULFATE
23U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
120U	METHOXYCHLOR
23U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
120U	GAMMA-CHLORDANE /2
120U	ALPHA-CHLORDANE /2
230U	TOXAPHENE
120U	PCB-1016 (AROCLOR 1016)
120U	PCB-1221 (AROCLOR 1221)
120U	PCB-1232 (AROCLOR 1232)
120U	PCB-1242 (AROCLOR 1242)
120U	PCB-1248 (AROCLOR 1248)
230U	PCB-1254 (AROCLOR 1254)
230U	PCB-1260 (AROCLOR 1260)
32	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50569 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-07
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1710 STOP: 00/00/00
D. NUMBER: W507

UG/KG	ANALYTICAL RESULTS
12U	ALPHA-BHC
12U	BETA-BHC
98	DELTA-BHC
12U	GAMMA-BHC (LINDANE)
12U	HEPTACHLOR
12U	ALDRIN
12U	HEPTACHLOR EPOXIDE
12U	ENDOSULFAN I (ALPHA)
24U	DIELDRIN
24U	4,4'-DDE (P,P'-DDE)
24U	ENDRIN
24U	ENDOSULFAN II (BETA)
24U	4,4'-DDD (P,P'-DDD)
85	ENDOSULFAN SULFATE
24U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
120U	METHOXYCHLOR
24U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
120U	GAMMA-CHLORDANE /2
120U	ALPHA-CHLORDANE /2
2400U	TOXAPHENE
120U	PCB-1016 (AROCLOR 1016)
120U	PCB-1221 (AROCLOR 1221)
120U	PCB-1232 (AROCLOR 1232)
120U	PCB-1242 (AROCLOR 1242)
120U	PCB-1248 (AROCLOR 1248)
240U	PCB-1254 (AROCLOR 1254)
240U	PCB-1260 (AROCLOR 1260)
34	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50580 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SD-08
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0835 STOP: 00/00/00
D. NUMBER: W516

UG/KG	ANALYTICAL RESULTS
29U	ALPHA-BHC
29U	BETA-BHC
29U	DELTA-BHC
29U	GAMMA-BHC (LINDANE)
29U	HEPTACHLOR
29U	ALDRIN
29U	HEPTACHLOR EPOXIDE
29U	ENDOSULFAN I (ALPHA)
58U	DIELDRIN
58U	4,4'-DDE (P,P'-DDE)
58U	ENDRIN
58U	ENDOSULFAN II (BETA)
58U	4,4'-DDD (P,P'-DDD)
58U	ENDOSULFAN SULFATE
58U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
290U	METHOXYCHLOR
58U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
290U	GAMMA-CHLORDANE /2
290U	ALPHA-CHLORDANE /2
580U	TOXAPHENE
290U	PCB-1016 (AROCLOR 1016)
290U	PCB-1221 (AROCLOR 1221)
290U	PCB-1232 (AROCLOR 1232)
290U	PCB-1242 (AROCLOR 1242)
290U	PCB-1248 (AROCLOR 1248)
580U	PCB-1254 (AROCLOR 1254)
580U	PCB-1260 (AROCLOR 1260)
72	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50584 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SD-09
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 1100 STOP: 00/00/00
D. NUMBER: W517

UG/KG	ANALYTICAL RESULTS
11U	ALPHA-BHC
11U	BETA-BHC
34	DELTA-BHC
11U	GAMMA-BHC (LINDANE)
11U	HEPTACHLOR
11U	ALDRIN
11U	HEPTACHLOR EPOXIDE
11U	ENDOSULFAN I (ALPHA)
23U	DIELDRIN
23U	4,4'-DDE (P,P'-DDE)
23U	ENDRIN
23U	ENDOSULFAN II (BETA)
23U	4,4'-DDD (P,P'-DDD)
21J	ENDOSULFAN SULFATE
23U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
110U	METHOXYCHLOR
23U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
110U	GAMMA-CHLORDANE /2
110U	ALPHA-CHLORDANE /2
230U	TOXAPHENE
110U	PCB-1016 (AROCLOR 1016)
110U	PCB-1221 (AROCLOR 1221)
110U	PCB-1232 (AROCLOR 1232)
110U	PCB-1242 (AROCLOR 1242)
110U	PCB-1248 (AROCLOR 1248)
230U	PCB-1254 (AROCLOR 1254)
230U	PCB-1260 (AROCLOR 1260)
30	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50553 SAMPLE TYPE: SEDIM
SOURCE: GA POWER/WANSLEY STE
STATION ID: SS-01
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1635 STOP: 00/00/00
D. NUMBER: W837

UG/KG	ANALYTICAL RESULTS
9.0U	ALPHA-BHC
9.0U	BETA-BHC
9.0U	DELTA-BHC
9.0U	GAMMA-BHC (LINDANE)
9.0U	HEPTACHLOR
9.0U	ALDRIN
9.0U	HEPTACHLOR EPOXIDE
9.0U	ENDOSULFAN I (ALPHA)
18U	DIELDRIN
18U	4,4'-DDE (P,P'-DDE)
18U	ENDRIN
18U	ENDOSULFAN II (BETA)
18U	4,4'-DDD (P,P'-DDD)
18U	ENDOSULFAN SULFATE
18U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
90U	METHOXYCHLOR
18U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
90U	GAMMA-CHLORDANE /2
90U	ALPHA-CHLORDANE /2
180U	TOXAPHENE
90U	PCB-1016 (AROCLOR 1016)
90U	PCB-1221 (AROCLOR 1221)
90U	PCB-1232 (AROCLOR 1232)
90U	PCB-1242 (AROCLOR 1242)
90U	PCB-1248 (AROCLOR 1248)
180U	PCB-1254 (AROCLOR 1254)
180U	PCB-1260 (AROCLOR 1260)
12	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50582 SAMPLE TYPE: SEDIM
SOURCE:
STATION ID: SS-02
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0930 STOP: 00/00/00
D. NUMBER: W515

UG/KG	ANALYTICAL RESULTS
8.0U	ALPHA-BHC
8.0U	BETA-BHC
8.0U	DELTA-BHC
8.0U	GAMMA-BHC (LINDANE)
8.0U	HEPTACHLOR
8.0U	ALDRIN
8.0U	HEPTACHLOR EPOXIDE
8.0U	ENDOSULFAN I (ALPHA)
16U	DIELDRIN
16U	4,4'-DDE (P,P'-DDE)
16U	ENDRIN
16U	ENDOSULFAN II (BETA)
16U	4,4'-DDD (P,P'-DDD)
16U	ENDOSULFAN SULFATE
16U	4,4'-DDT (P,P'-DDT)

UG/KG	ANALYTICAL RESULTS
80U	METHOXYCHLOR
16U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
80U	GAMMA-CHLORDANE /2
80U	ALPHA-CHLORDANE /2
160U	TOXAPHENE
80U	PCB-1016 (AROCLOR 1016)
80U	PCB-1221 (AROCLOR 1221)
80U	PCB-1232 (AROCLOR 1232)
80U	PCB-1242 (AROCLOR 1242)
80U	PCB-1248 (AROCLOR 1248)
160U	PCB-1254 (AROCLOR 1254)
160U	PCB-1260 (AROCLOR 1260)
0	PERCENT MOISTURE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50554 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: IW-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1640 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W838

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50551 SAMPLE TYPE:
SOURCE:
STATION ID: SW-01
CASE NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1550 STOP: 00/00/00
D. NO.: W835

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50556 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-02

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1740 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W840

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	5U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	5U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	5U	DIBROMOCHLOROMETHANE
5U	METHYLENE CHLORIDE	5U	1,1,2-TRICHLOROETHANE
10U	ACETONE	5U	BENZENE
5U	CARBON DISULFIDE	5U	TRANS-1,3-DICHLOROPROPENE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	5U	BROMOFORM
5U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
5U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
5U	CHLOROFORM	5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,2-DICHLOROETHANE	5U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	5U	TOLUENE
5U	1,1,1-TRICHLOROETHANE	5U	CHLOROBENZENE
5U	CARBON TETRACHLORIDE	5U	ETHYL BENZENE
10U	VINYL ACETATE	5U	STYRENE
5U	BROMODICHLOROMETHANE	5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50581 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-03 COLLECTION START: 09/20/90 0950 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W520

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50561 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-04

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0950 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W844

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	5U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	5U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	5U	DIBROMOCHLOROMETHANE
5U	METHYLENE CHLORIDE	5U	1,1,2-TRICHLOROETHANE
10U	ACETONE	5U	BENZENE
5U	CARBON DISULFIDE	5U	TRANS-1,3-DICHLOROPROPENE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	5U	BROMOFORM
5U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
5U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
5U	CHLOROFORM	5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,2-DICHLOROETHANE	5U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	5U	TOLUENE
5U	1,1,1-TRICHLOROETHANE	5U	CHLOROBENZENE
5U	CARBON TETRACHLORIDE	5U	ETHYL BENZENE
10U	VINYL ACETATE	5U	STYRENE
5U	BROMODICHLOROMETHANE	5U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50560 SAMPLE TYPE: SURFACEWA
SOURCE:
STATION ID: SW-05
CASE NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1140 STOP: 00/00/00
D. NO.: W502

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50564 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-06 COLLECTION START: 09/18/90 1645 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W509

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	5U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	5U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	5U	DIBROMOCHLOROMETHANE
5U	METHYLENE CHLORIDE	5U	1,1,2-TRICHLOROETHANE
20U	ACETONE	5U	BENZENE
5U	CARBON DISULFIDE	5U	TRANS-1,3-DICHLOROPROPENE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	5U	BROMOFORM
5U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
5U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
5U	CHLOROFORM	5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,2-DICHLOROETHANE	5U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	5U	TOLUENE
5U	1,1,1-TRICHLOROETHANE	5U	CHLOROBENZENE
5U	CARBON TETRACHLORIDE	5U	ETHYL BENZENE
10U	VINYL ACETATE	5U	STYRENE
5U	BROMODICHLOROMETHANE	5U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50557 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-07

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1705 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W508

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	5U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	5U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	5U	DIBROMOCHLOROMETHANE
5U	METHYLENE CHLORIDE	5U	1,1,2-TRICHLOROETHANE
10U	ACETONE	5U	BENZENE
5U	CARBON DISULFIDE	5U	TRANS-1,3-DICHLOROPROPENE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	5U	BROMOFORM
5U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
5U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
5U	CHLOROFORM	5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,2-DICHLOROETHANE	5U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	5U	TOLUENE
5U	1,1,1-TRICHLOROETHANE	5U	CHLOROBENZENE
5U	CARBON TETRACHLORIDE	5U	ETHYL BENZENE
10U	VINYL ACETATE	5U	STYRENE
5U	BROMODICHLOROMETHANE	5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50583 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-09

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0915 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W519

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE	5U	1,2-DICHLOROPROPANE
10U	BROMOMETHANE	5U	CIS-1,3-DICHLOROPROPENE
10U	VINYL CHLORIDE	5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	CHLOROETHANE	5U	DIBROMOCHLOROMETHANE
5U	METHYLENE CHLORIDE	5U	1,1,2-TRICHLOROETHANE
20U	ACETONE	5U	BENZENE
5U	CARBON DISULFIDE	5U	TRANS-1,3-DICHLOROPROPENE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	5U	BROMOFORM
5U	1,1-DICHLOROETHANE	10U	METHYL ISOBUTYL KETONE
5U	1,2-DICHLOROETHENE (TOTAL)	10U	METHYL BUTYL KETONE
5U	CHLOROFORM	5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,2-DICHLOROETHANE	5U	1,1,2,2-TETRACHLOROETHANE
10U	METHYL ETHYL KETONE	5U	TOLUENE
5U	1,1,1-TRICHLOROETHANE	5U	CHLOROBENZENE
5U	CARBON TETRACHLORIDE	5U	ETHYL BENZENE
10U	VINYL ACETATE	5U	STYRENE
5U	BROMODICHLOROMETHANE	5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50563 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-10 COLLECTION START: 09/18/90 1220 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W501

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50558 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-11

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1605 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W505

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50579 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: TW-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1540 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W514

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50562 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: TW-03

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1120 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W845

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50559 SAMPLE TYPE:
SOURCE:
STATION ID: TW-04

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1520 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W504

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50586 SAMPLE TYPE: SURFACEWA
SOURCE:
STATION ID: PB-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 0745 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W510

UG/L	ANALYTICAL RESULTS
10U	CHLOROMETHANE
10U	BROMOMETHANE
10U	VINYL CHLORIDE
10U	CHLOROETHANE
5U	METHYLENE CHLORIDE
10U	ACETONE
5U	CARBON DISULFIDE
5U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	1,1-DICHLOROETHANE
5U	1,2-DICHLOROETHENE (TOTAL)
5U	CHLOROFORM
5U	1,2-DICHLOROETHANE
10U	METHYL ETHYL KETONE
5U	1,1,1-TRICHLOROETHANE
5U	CARBON TETRACHLORIDE
10U	VINYL ACETATE
5U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5U	1,2-DICHLOROPROPANE
5U	CIS-1,3-DICHLOROPROPENE
5U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	DIBROMOCHLOROMETHANE
5U	1,1,2-TRICHLOROETHANE
5U	BENZENE
5U	TRANS-1,3-DICHLOROPROPENE
5U	BROMOFORM
10U	METHYL ISOBUTYL KETONE
10U	METHYL BUTYL KETONE
5U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	1,1,2,2-TETRACHLOROETHANE
5U	TOLUENE
5U	CHLOROBENZENE
5U	ETHYL BENZENE
5U	STYRENE
5U	TOTAL XYLENES

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50554 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: IW-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1640 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W838

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	BENZYL ALCOHOL
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	BIS(2-CHLOROISOPROPYL) ETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
52U	BENZOIC ACID
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
52U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
52U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
52U	3-NITROANILINE
10U	ACENAPHTHENE
52U	2,4-DINITROPHENOL
52U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
52U	4-NITROANILINE
52U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
52U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
21U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10U	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10U	BENZO(GHI)PERYLENE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50551 SAMPLE TYPE:
SOURCE:
STATION ID: SW-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1550 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W835

UG/L	ANALYTICAL RESULTS
9U	PHENOL
9U	BIS(2-CHLOROETHYL) ETHER
9U	2-CHLOROPHENOL
9U	1,3-DICHLOROBENZENE
9U	1,4-DICHLOROBENZENE
9U	BENZYL ALCOHOL
9U	1,2-DICHLOROBENZENE
9U	2-METHYLPHENOL
9U	BIS(2-CHLOROISOPROPYL) ETHER
9U	(3-AND/OR 4-)METHYLPHENOL
9U	N-NITROSODI-N-PROPYLAMINE
9U	HEXACHLOROETHANE
9U	NITROBENZENE
9U	ISOPHORONE
9U	2-NITROPHENOL
9U	2,4-DIMETHYLPHENOL
47U	BENZOIC ACID
9U	BIS(2-CHLOROETHOXY) METHANE
9U	2,4-DICHLOROPHENOL
9U	1,2,4-TRICHLOROBENZENE
9U	NAPHTHALENE
9U	4-CHLOROANILINE
9U	HEXACHLOROBUTADIENE
9U	4-CHLORO-3-METHYLPHENOL
9U	2-METHYLNAPHTHALENE
9U	HEXACHLOROCYCLOPENTADIENE (HCCP)
9U	2,4,6-TRICHLOROPHENOL
47U	2,4,5-TRICHLOROPHENOL
9U	2-CHLORONAPHTHALENE
47U	2-NITROANILINE
9U	DIMETHYL PHTHALATE
9U	ACENAPHTHYLENE
9U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
47U	3-NITROANILINE
9U	ACENAPHTHENE
47U	2,4-DINITROPHENOL
47U	4-NITROPHENOL
9U	DIBENZOFURAN
9U	2,4-DINITROTOLUENE
9U	DIETHYL PHTHALATE
9U	4-CHLOROPHENYL PHENYL ETHER
9U	FLUORENE
47U	4-NITROANILINE
47U	2-METHYL-4,6-DINITROPHENOL
9U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9U	4-BROMOPHENYL PHENYL ETHER
9U	HEXACHLOROBENZENE (HCB)
47U	PENTACHLOROPHENOL
9U	PHENANTHRENE
9U	ANTHRACENE
9U	DI-N-BUTYLPHTHALATE
9U	FLUORANTHENE
9U	PYRENE
9U	BENZYL BUTYL PHTHALATE
19U	3,3'-DICHLOROBENZIDINE
9U	BENZO(A)ANTHRACENE
9U	CHRYSENE
9U	BIS(2-ETHYLHEXYL) PHTHALATE
9U	DI-N-OCTYLPHTHALATE
9U	BENZO(B AND/OR K)FLUORANTHENE
9U	BENZO-A-PYRENE
9U	INDENO (1,2,3-CD) PYRENE
9U	DIBENZO(A,H)ANTHRACENE
9U	BENZO(GHI)PERYLENE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

** PROJECT NO. 90-800 SAMPLE NO. 50556 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS **
** SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA **
** STATION ID: SW-02 COLLECTION START: 09/17/90 1740 STOP: 00/00/00 **
**
** CASE NO.: 14890 SAS NO.: D. NO.: W840 **

UG/L	ANALYTICAL RESULTS
10UJ	PHENOL
10UJ	BIS(2-CHLOROETHYL) ETHER
10UJ	2-CHLOROPHENOL
10UJ	1,3-DICHLOROBENZENE
10UJ	1,4-DICHLOROBENZENE
10UJ	BENZYL ALCOHOL
10UJ	1,2-DICHLOROBENZENE
10UJ	2-METHYLPHENOL
10UJ	BIS(2-CHLOROISOPROPYL) ETHER
10UJ	(3-AND/OR 4-)METHYLPHENOL
10UJ	N-NITROSODI-N-PROPYLAMINE
10UJ	HEXACHLOROETHANE
10UJ	NITROBENZENE
10UJ	ISOPHORONE
10UJ	2-NITROPHENOL
10UJ	2,4-DIMETHYLPHENOL
49UJ	BENZOIC ACID
10UJ	BIS(2-CHLOROETHOXY) METHANE
10UJ	2,4-DICHLOROPHENOL
10UJ	1,2,4-TRICHLOROBENZENE
10UJ	NAPHTHALENE
10UJ	4-CHLOROANILINE
10UJ	HEXACHLOROBUTADIENE
10UJ	4-CHLORO-3-METHYLPHENOL
10UJ	2-METHYLNAPHTHALENE
10UJ	HEXACHLOROCYCLOPENTADIENE (HCCP)
10UJ	2,4,6-TRICHLOROPHENOL
49UJ	2,4,5-TRICHLOROPHENOL
10UJ	2-CHLORONAPHTHALENE
49UJ	2-NITROANILINE
10UJ	DIMETHYL PHTHALATE
10UJ	ACENAPHTHYLENE
10UJ	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
49UJ	3-NITROANILINE
10UJ	ACENAPHTHENE
49UJ	2,4-DINITROPHENOL
49UJ	4-NITROPHENOL
10UJ	DIBENZOFURAN
10UJ	2,4-DINITROTOLUENE
10UJ	DIETHYL PHTHALATE
10UJ	4-CHLOROPHENYL PHENYL ETHER
10UJ	FLUORENE
49UJ	4-NITROANILINE
49UJ	2-METHYL-4,6-DINITROPHENOL
10UJ	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10UJ	4-BROMOPHENYL PHENYL ETHER
10UJ	HEXACHLOROBENZENE (HCB)
49UJ	PENTACHLOROPHENOL
10UJ	PHENANTHRENE
10UJ	ANTHRACENE
10UJ	DI-N-BUTYLPHTHALATE
10UJ	FLUORANTHENE
10UJ	PYRENE
10UJ	BENZYL BUTYL PHTHALATE
20UJ	3,3'-DICHLOROBENZIDINE
10UJ	BENZO(A)ANTHRACENE
10UJ	CHRYSENE
10UJ	BIS(2-ETHYLHEXYL) PHTHALATE
10UJ	DI-N-OCTYLPHTHALATE
10UJ	BENZO(B AND/OR K)FLUORANTHENE
10UJ	BENZO-A-PYRENE
10UJ	INDENO (1,2,3-CD) PYRENE
10UJ	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS
HOLDING TIMES EXCEEDED(40 CFR 136,OCTOBER 26,1984)

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50581 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-03

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0950 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W520

UG/L	ANALYTICAL RESULTS
9U	PHENOL
9U	BIS(2-CHLOROETHYL) ETHER
9U	2-CHLOROPHENOL
9U	1,3-DICHLOROBENZENE
9U	1,4-DICHLOROBENZENE
9U	BENZYL ALCOHOL
9U	1,2-DICHLOROBENZENE
9U	2-METHYLPHENOL
9U	BIS(2-CHLOROISOPROPYL) ETHER
9U	(3-AND/OR 4-)METHYLPHENOL
9U	N-NITROSODI-N-PROPYLAMINE
9U	HEXACHLOROETHANE
9U	NITROBENZENE
9U	ISOPHORONE
9U	2-NITROPHENOL
9U	2,4-DIMETHYLPHENOL
47U	BENZOIC ACID
9U	BIS(2-CHLOROETHOXY) METHANE
9U	2,4-DICHLOROPHENOL
9U	1,2,4-TRICHLOROBENZENE
9U	NAPHTHALENE
9U	4-CHLOROANILINE
9U	HEXACHLOROBUTADIENE
9U	4-CHLORO-3-METHYLPHENOL
9U	2-METHYLNAPHTHALENE
9U	HEXACHLOROCYCLOPENTADIENE (HCCP)
9U	2,4,6-TRICHLOROPHENOL
47U	2,4,5-TRICHLOROPHENOL
9U	2-CHLORONAPHTHALENE
47U	2-NITROANILINE
9U	DIMETHYL PHTHALATE
9U	ACENAPHTHYLENE
9U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
47U	3-NITROANILINE
9U	ACENAPHTHENE
47U	2,4-DINITROPHENOL
47U	4-NITROPHENOL
9U	DIBENZOFURAN
9U	2,4-DINITROTOLUENE
9U	DIETHYL PHTHALATE
9U	4-CHLOROPHENYL PHENYL ETHER
9U	FLUORENE
47U	4-NITROANILINE
47U	2-METHYL-4,6-DINITROPHENOL
9U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9U	4-BROMOPHENYL PHENYL ETHER
9U	HEXACHLOROBENZENE (HCB)
47U	PENTACHLOROPHENOL
9U	PHENANTHRENE
9U	ANTHRACENE
9U	DI-N-BUTYLPHTHALATE
9U	FLUORANTHENE
9U	PYRENE
9U	BENZYL BUTYL PHTHALATE
19U	3,3'-DICHLOROBENZIDINE
9U	BENZO(A)ANTHRACENE
9U	CHRYSENE
9U	BIS(2-ETHYLHEXYL) PHTHALATE
9U	DI-N-OCTYLPHTHALATE
9U	BENZO(B AND/OR K)FLUORANTHENE
9U	BENZO-A-PYRENE
9U	INDENO (1,2,3-CD) PYRENE
9U	DIBENZO(A,H)ANTHRACENE
9U	BENZO(GHI)PERYLENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50561 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-04

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 0950 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W844

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	BENZYL ALCOHOL
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	BIS(2-CHLOROISOPROPYL) ETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
50U	BENZOIC ACID
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
50U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
50U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
50U	3-NITROANILINE
10U	ACENAPHTHENE
50U	2,4-DINITROPHENOL
50U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
50U	4-NITROANILINE
50U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
50U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
20U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10U	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10U	BENZO(GHI)PERYLENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50560 SAMPLE TYPE: SURFACEWA
SOURCE:
STATION ID: SW-05

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1140 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W502

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	BENZYL ALCOHOL
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	BIS(2-CHLOROISOPROPYL) ETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
49U	BENZOIC ACID
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
49U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
49U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
49U	3-NITROANILINE
10U	ACENAPHTHENE
49U	2,4-DINITROPHENOL
49U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
49U	4-NITROANILINE
49U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
49U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
20U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10U	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10U	BENZO(GHI)PERYLENE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

** PROJECT NO. 90-800 SAMPLE NO. 50552 SAMPLE TYPE: SEDIM
** SOURCE:
** STATION ID: SD-01
**
** CASE NO.: 14890 SAS NO.:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1555 STOP: 00/00/00

D. NO.: W836

UG/KG	ANALYTICAL RESULTS
690U	PHENOL
690U	BIS(2-CHLOROETHYL) ETHER
690U	2-CHLOROPHENOL
690U	1,3-DICHLOROBENZENE
690U	1,4-DICHLOROBENZENE
690U	BENZYL ALCOHOL
690U	1,2-DICHLOROBENZENE
690U	2-METHYLPHENOL
690UR	BIS(2-CHLOROISOPROPYL) ETHER
690U	(3-AND/OR 4-)METHYLPHENOL
690U	N-NITROSODI-N-PROPYLAMINE
690U	HEXACHLOROETHANE
690UR	NITROBENZENE
690U	ISOPHORONE
690UJ	2-NITROPHENOL
690UR	2,4-DIMETHYLPHENOL
3400U	BENZOIC ACID
690U	BIS(2-CHLOROETHOXY) METHANE
690U	2,4-DICHLOROPHENOL
690UR	1,2,4-TRICHLOROBENZENE
690U	NAPHTHALENE
690U	4-CHLOROANILINE
690U	HEXACHLOROBUTADIENE
690U	4-CHLORO-3-METHYLPHENOL
690U	2-METHYLNAPHTHALENE
690U	HEXACHLOROCYCLOPENTADIENE (HCCP)
690U	2,4,6-TRICHLOROPHENOL
3400U	2,4,5-TRICHLOROPHENOL
690UJ	2-CHLORONAPHTHALENE
3400U	2-NITROANILINE
690U	DIMETHYL PHTHALATE
690U	ACENAPHTHYLENE
690U	2,6-DINITROTOLUENE

UG/KG	ANALYTICAL RESULTS
3400UJ	3-NITROANILINE
690U	ACENAPHTHENE
3400U	2,4-DINITROPHENOL
3400U	4-NITROPHENOL
690U	DIBENZOFURAN
690U	2,4-DINITROTOLUENE
690U	DIETHYL PHTHALATE
690U	4-CHLOROPHENYL PHENYL ETHER
690U	FLUORENE
3400U	4-NITROANILINE
3400U	2-METHYL-4,6-DINITROPHENOL
690U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
690U	4-BROMOPHENYL PHENYL ETHER
690U	HEXACHLOROBENZENE (HCB)
3400U	PENTACHLOROPHENOL
690U	PHENANTHRENE
690U	ANTHRACENE
690U	DI-N-BUTYLPHTHALATE
690U	FLUORANTHENE
690U	PYRENE
690U	BENZYL BUTYL PHTHALATE
1400U	3,3'-DICHLOROBENZIDINE
690U	BENZO(A)ANTHRACENE
690U	CHRYSENE
690U	BIS(2-ETHYLHEXYL) PHTHALATE
690U	DI-N-OCTYLPHTHALATE
690U	BENZO(B AND/OR K)FLUORANTHENE
690U	BENZO-A-PYRENE
690U	INDENO (1,2,3-CD) PYRENE
690U	DIBENZO(A,H)ANTHRACENE
690U	BENZO(GHI)PERYLENE
50	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50564 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-06

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1645 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W509

UG/L	ANALYTICAL RESULTS
13UJ	PHENOL
13UJ	BIS(2-CHLOROETHYL) ETHER
13UJ	2-CHLOROPHENOL
13UJ	1,3-DICHLOROBENZENE
13UJ	1,4-DICHLOROBENZENE
13UJ	BENZYL ALCOHOL
13UJ	1,2-DICHLOROBENZENE
13UJ	2-METHYLPHENOL
13UJ	BIS(2-CHLOROISOPROPYL) ETHER
13UJ	(3-AND/OR 4-)METHYLPHENOL
13UJ	N-NITROSODI-N-PROPYLAMINE
13UJ	HEXACHLOROETHANE
13UJ	NITROBENZENE
13UJ	ISOPHORONE
13UJ	2-NITROPHENOL
13UJ	2,4-DIMETHYLPHENOL
66UJ	BENZOIC ACID
13UJ	BIS(2-CHLOROETHOXY) METHANE
13UJ	2,4-DICHLOROPHENOL
13UJ	1,2,4-TRICHLOROBENZENE
13UJ	NAPHTHALENE
13UJ	4-CHLOROANILINE
13UJ	HEXACHLOROBUTADIENE
13UJ	4-CHLORO-3-METHYLPHENOL
13UJ	2-METHYLNAPHTHALENE
13UJ	HEXACHLOROCYCLOPENTADIENE (HCCP)
13UJ	2,4,6-TRICHLOROPHENOL
66UJ	2,4,5-TRICHLOROPHENOL
13UJ	2-CHLORONAPHTHALENE
66UJ	2-NITROANILINE
13UJ	DIMETHYL PHTHALATE
13UJ	ACENAPHTHYLENE
13UJ	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
66UJ	3-NITROANILINE
13UJ	ACENAPHTHENE
66UJ	2,4-DINITROPHENOL
66UJ	4-NITROPHENOL
13UJ	DIBENZOFURAN
13UJ	2,4-DINITROTOLUENE
13UJ	DIETHYL PHTHALATE
13UJ	4-CHLOROPHENYL PHENYL ETHER
13UJ	FLUORENE
66UJ	4-NITROANILINE
66UJ	2-METHYL-4,6-DINITROPHENOL
13UJ	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
13UJ	4-BROMOPHENYL PHENYL ETHER
13UJ	HEXACHLOROBENZENE (HCB)
66UJ	PENTACHLOROPHENOL
13UJ	PHENANTHRENE
13UJ	ANTHRACENE
13UJ	DI-N-BUTYLPHTHALATE
13UJ	FLUORANTHENE
13UJ	PYRENE
13UJ	BENZYL BUTYL PHTHALATE
26UJ	3,3'-DICHLOROBENZIDINE
13UJ	BENZO(A)ANTHRACENE
13UJ	CHRYSENE
13UJ	BIS(2-ETHYLHEXYL) PHTHALATE
13UJ	DI-N-OCTYLPHTHALATE
13UJ	BENZO(B AND/OR K)FLUORANTHENE
13UJ	BENZO-A-PYRENE
13UJ	INDENO (1,2,3-CD) PYRENE
13UJ	DIBENZO(A,H)ANTHRACENE
13UJ	BENZO(GHI)PERYLENE

REMARKS
HOLDING TIMES EXCEEDED(40 CFR 136,OCTOBER 26,1984)

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50557 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-07

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1705 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W508

UG/L	ANALYTICAL RESULTS
10UJ	PHENOL
10UJ	BIS(2-CHLOROETHYL) ETHER
10UJ	2-CHLOROPHENOL
10UJ	1,3-DICHLOROBENZENE
10UJ	1,4-DICHLOROBENZENE
10UJ	BENZYL ALCOHOL
10UJ	1,2-DICHLOROBENZENE
10UJ	2-METHYLPHENOL
10UJ	BIS(2-CHLOROISOPROPYL) ETHER
10UJ	(3-AND/OR 4-)METHYLPHENOL
10UJ	N-NITROSODI-N-PROPYLAMINE
10UJ	HEXACHLOROETHANE
10UJ	NITROBENZENE
10UJ	ISOPHORONE
10UJ	2-NITROPHENOL
10UJ	2,4-DIMETHYLPHENOL
48UJ	BENZOIC ACID
10UJ	BIS(2-CHLOROETHOXY) METHANE
10UJ	2,4-DICHLOROPHENOL
10UJ	1,2,4-TRICHLOROBENZENE
10UJ	NAPHTHALENE
10UJ	4-CHLOROANILINE
10UJ	HEXACHLOROBUTADIENE
10UJ	4-CHLORO-3-METHYLPHENOL
10UJ	2-METHYLNAPHTHALENE
10UJ	HEXACHLOROCYCLOPENTADIENE (HCCP)
10UJ	2,4,6-TRICHLOROPHENOL
48UJ	2,4,5-TRICHLOROPHENOL
10UJ	2-CHLORONAPHTHALENE
48UJ	2-NITROANILINE
10UJ	DIMETHYL PHTHALATE
10UJ	ACENAPHTHYLENE
10UJ	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
48UJ	3-NITROANILINE
10UJ	ACENAPHTHENE
48UJ	2,4-DINITROPHENOL
48UJ	4-NITROPHENOL
10UJ	DIBENZOFURAN
10UJ	2,4-DINITROTOLUENE
10UJ	DIETHYL PHTHALATE
10UJ	4-CHLOROPHENYL PHENYL ETHER
10UJ	FLUORENE
48UJ	4-NITROANILINE
48UJ	2-METHYL-4,6-DINITROPHENOL
10UJ	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10UJ	4-BROMOPHENYL PHENYL ETHER
10UJ	HEXACHLOROBENZENE (HCB)
48UJ	PENTACHLOROPHENOL
10UJ	PHENANTHRENE
10UJ	ANTHRACENE
10UJ	DI-N-BUTYLPHTHALATE
10UJ	FLUORANTHENE
10UJ	PYRENE
10UJ	BENZYL BUTYL PHTHALATE
19UJ	3,3'-DICHLOROBENZIDINE
10UJ	BENZO(A)ANTHRACENE
10UJ	CHRYSENE
10UJ	BIS(2-ETHYLHEXYL) PHTHALATE
10UJ	DI-N-OCTYLPHTHALATE
10UJ	BENZO(B AND/OR K)FLUORANTHENE
10UJ	BENZO-A-PYRENE
10UJ	INDENO (1,2,3-CD) PYRENE
10UJ	DIBENZO(A,H)ANTHRACENE
10UJ	BENZO(GHI)PERYLENE

REMARKS
HOLDING TIMES EXCEEDED(40 CFR 136,OCTOBER 26,1984)

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50583 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-09

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0915 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W519

UG/L	ANALYTICAL RESULTS
9U	PHENOL
9U	BIS(2-CHLOROETHYL) ETHER
9U	2-CHLOROPHENOL
9U	1,3-DICHLOROBENZENE
9U	1,4-DICHLOROBENZENE
9U	BENZYL ALCOHOL
9U	1,2-DICHLOROBENZENE
9U	2-METHYLPHENOL
9U	BIS(2-CHLOROISOPROPYL) ETHER
9U	(3-AND/OR 4-)METHYLPHENOL
9U	N-NITROSODI-N-PROPYLAMINE
9U	HEXACHLOROETHANE
9U	NITROBENZENE
9U	ISOPHORONE
9U	2-NITROPHENOL
9U	2,4-DIMETHYLPHENOL
47U	BENZOIC ACID
9U	BIS(2-CHLOROETHOXY) METHANE
9U	2,4-DICHLOROPHENOL
9U	1,2,4-TRICHLOROBENZENE
9U	NAPHTHALENE
9U	4-CHLOROANILINE
9U	HEXACHLOROBUTADIENE
9U	4-CHLORO-3-METHYLPHENOL
9U	2-METHYLNAPHTHALENE
9U	HEXACHLOROCYCLOPENTADIENE (HCCP)
9U	2,4,6-TRICHLOROPHENOL
47U	2,4,5-TRICHLOROPHENOL
9U	2-CHLORONAPHTHALENE
47U	2-NITROANILINE
9U	DIMETHYL PHTHALATE
9U	ACENAPHTHYLENE
9U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
47U	3-NITROANILINE
9U	ACENAPHTHENE
47U	2,4-DINITROPHENOL
47U	4-NITROPHENOL
9U	DIBENZOFURAN
9U	2,4-DINITROTOLUENE
9U	DIETHYL PHTHALATE
9U	4-CHLOROPHENYL PHENYL ETHER
9U	FLUORENE
47U	4-NITROANILINE
47U	2-METHYL-4,6-DINITROPHENOL
9U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9U	4-BROMOPHENYL PHENYL ETHER
9U	HEXACHLOROBENZENE (HCB)
47U	PENTACHLOROPHENOL
9U	PHENANTHRENE
9U	ANTHRACENE
9U	DI-N-BUTYLPHTHALATE
9U	FLUORANTHENE
9U	PYRENE
9U	BENZYL BUTYL PHTHALATE
19U	3,3'-DICHLOROBENZIDINE
9U	BENZO(A)ANTHRACENE
9U	CHRYSENE
9U	BIS(2-ETHYLHEXYL) PHTHALATE
9U	DI-N-OCTYLPHTHALATE
9U	BENZO(B AND/OR K)FLUORANTHENE
9U	BENZO-A-PYRENE
9U	INDENO (1,2,3-CD) PYRENE
9U	DIBENZO(A,H)ANTHRACENE
9U	BENZO(GHI)PERYLENE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50563 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-10

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1220 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W501

UG/L	ANALYTICAL RESULTS
9U	PHENOL
9U	BIS(2-CHLOROETHYL) ETHER
9U	2-CHLOROPHENOL
9U	1,3-DICHLOROBENZENE
9U	1,4-DICHLOROBENZENE
9U	BENZYL ALCOHOL
9U	1,2-DICHLOROBENZENE
9U	2-METHYLPHENOL
9U	BIS(2-CHLOROISOPROPYL) ETHER
9U	(3-AND/OR 4-)METHYLPHENOL
9U	N-NITROSODI-N-PROPYLAMINE
9U	HEXACHLOROETHANE
9U	NITROBENZENE
9U	ISOPHORONE
9U	2-NITROPHENOL
9U	2,4-DIMETHYLPHENOL
47U	BENZOIC ACID
9U	BIS(2-CHLOROETHOXY) METHANE
9U	2,4-DICHLOROPHENOL
9U	1,2,4-TRICHLOROBENZENE
9U	NAPHTHALENE
9U	4-CHLOROANILINE
9U	HEXACHLOROBUTADIENE
9U	4-CHLORO-3-METHYLPHENOL
9U	2-METHYLNAPHTHALENE
9U	HEXACHLOROCYCLOPENTADIENE (HCCP)
9U	2,4,6-TRICHLOROPHENOL
47U	2,4,5-TRICHLOROPHENOL
9U	2-CHLORONAPHTHALENE
47U	2-NITROANILINE
9U	DIMETHYL PHTHALATE
9U	ACENAPHTHYLENE
9U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
47U	3-NITROANILINE
9U	ACENAPHTHENE
47U	2,4-DINITROPHENOL
47U	4-NITROPHENOL
9U	DIBENZOFURAN
9U	2,4-DINITROTOLUENE
9U	DIETHYL PHTHALATE
9U	4-CHLOROPHENYL PHENYL ETHER
9U	FLUORENE
47U	4-NITROANILINE
47U	2-METHYL-4,6-DINITROPHENOL
9U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9U	4-BROMOPHENYL PHENYL ETHER
9U	HEXACHLOROBENZENE (HCB)
47U	PENTACHLOROPHENOL
9U	PHENANTHRENE
9U	ANTHRACENE
9U	DI-N-BUTYLPHTHALATE
9U	FLUORANTHENE
9U	PYRENE
9U	BENZYL BUTYL PHTHALATE
19U	3,3'-DICHLOROBENZIDINE
9U	BENZO(A)ANTHRACENE
9U	CHRYSENE
9U	BIS(2-ETHYLHEXYL) PHTHALATE
9U	DI-N-OCTYLPHTHALATE
9U	BENZO(B AND/OR K)FLUORANTHENE
9U	BENZO-A-PYRENE
9U	INDENO (1,2,3-CD) PYRENE
9U	DIBENZO(A,H)ANTHRACENE
9U	BENZO(GHI)PERYLENE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50558 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-11 COLLECTION START: 09/18/90 1605 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W505

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	PHENOL	48U	3-NITROANILINE
10U	BIS(2-CHLOROETHYL) ETHER	10U	ACENAPHTHENE
10U	2-CHLOROPHENOL	48U	2,4-DINITROPHENOL
10U	1,3-DICHLOROBENZENE	48U	4-NITROPHENOL
10U	1,4-DICHLOROBENZENE	10U	DIBENZOFURAN
10U	BENZYL ALCOHOL	10U	2,4-DINITROTOLUENE
10U	1,2-DICHLOROBENZENE	10U	DIETHYL PHTHALATE
10U	2-METHYLPHENOL	10U	4-CHLOROPHENYL PHENYL ETHER
10U	BIS(2-CHLOROISOPROPYL) ETHER	10U	FLUORENE
10U	(3-AND/OR 4-)METHYLPHENOL	48U	4-NITROANILINE
10U	N-NITROSODI-N-PROPYLAMINE	48U	2-METHYL-4,6-DINITROPHENOL
10U	HEXACHLOROETHANE	10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	NITROBENZENE	10U	4-BROMOPHENYL PHENYL ETHER
10U	ISOPHORONE	10U	HEXACHLOROBENZENE (HCB)
10U	2-NITROPHENOL	48U	PENTACHLOROPHENOL
10U	2,4-DIMETHYLPHENOL	10U	PHENANTHRENE
48U	BENZOIC ACID	10U	ANTHRACENE
10U	BIS(2-CHLOROETHOXY) METHANE	10U	DI-N-BUTYLPHTHALATE
10U	2,4-DICHLOROPHENOL	10U	FLUORANTHENE
10U	1,2,4-TRICHLOROBENZENE	10U	PYRENE
10U	NAPHTHALENE	10U	BENZYL BUTYL PHTHALATE
10U	4-CHLOROANILINE	19U	3,3'-DICHLOROBENZIDINE
10U	HEXACHLOROBUTADIENE	10U	BENZO(A)ANTHRACENE
10U	4-CHLORO-3-METHYLPHENOL	10U	CHRYSENE
10U	2-METHYLNAPHTHALENE	10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)	10U	DI-N-OCTYLPHTHALATE
10U	2,4,6-TRICHLOROPHENOL	10U	BENZO(B AND/OR K)FLUORANTHENE
48U	2,4,5-TRICHLOROPHENOL	10U	BENZO-A-PYRENE
10U	2-CHLORONAPHTHALENE	10U	INDENO (1,2,3-CD) PYRENE
48U	2-NITROANILINE	10U	DIBENZO(A,H)ANTHRACENE
10U	DIMETHYL PHTHALATE	10U	BENZO(GHI)PERYLENE
10U	ACENAPHTHYLENE		
10U	2,6-DINITROTOLUENE		

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50579 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: TW-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1540 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W514

UG/L	ANALYTICAL RESULTS
10U	PHENOL
10U	BIS(2-CHLOROETHYL) ETHER
10U	2-CHLOROPHENOL
10U	1,3-DICHLOROBENZENE
10U	1,4-DICHLOROBENZENE
10U	BENZYL ALCOHOL
10U	1,2-DICHLOROBENZENE
10U	2-METHYLPHENOL
10U	BIS(2-CHLOROISOPROPYL) ETHER
10U	(3-AND/OR 4-)METHYLPHENOL
10U	N-NITROSODI-N-PROPYLAMINE
10U	HEXACHLOROETHANE
10U	NITROBENZENE
10U	ISOPHORONE
10U	2-NITROPHENOL
10U	2,4-DIMETHYLPHENOL
49U	BENZOIC ACID
10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4-DICHLOROPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	NAPHTHALENE
10U	4-CHLOROANILINE
10U	HEXACHLOROBUTADIENE
10U	4-CHLORO-3-METHYLPHENOL
10U	2-METHYLNAPHTHALENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	2,4,6-TRICHLOROPHENOL
49U	2,4,5-TRICHLOROPHENOL
10U	2-CHLORONAPHTHALENE
49U	2-NITROANILINE
10U	DIMETHYL PHTHALATE
10U	ACENAPHTHYLENE
10U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
49U	3-NITROANILINE
10U	ACENAPHTHENE
49U	2,4-DINITROPHENOL
49U	4-NITROPHENOL
10U	DIBENZOFURAN
10U	2,4-DINITROTOLUENE
10U	DIETHYL PHTHALATE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	FLUORENE
49U	4-NITROANILINE
49U	2-METHYL-4,6-DINITROPHENOL
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	HEXACHLOROBENZENE (HCB)
49U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	ANTHRACENE
10U	DI-N-BUTYLPHTHALATE
10U	FLUORANTHENE
10U	PYRENE
10U	BENZYL BUTYL PHTHALATE
19U	3,3'-DICHLOROBENZIDINE
10U	BENZO(A)ANTHRACENE
10U	CHRYSENE
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	BENZO(B AND/OR K)FLUORANTHENE
10U	BENZO-A-PYRENE
10U	INDENO (1,2,3-CD) PYRENE
10U	DIBENZO(A,H)ANTHRACENE
10U	BENZO(GHI)PERYLENE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50562 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: TW-03

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1120 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W845

UG/L	ANALYTICAL RESULTS
9U	PHENOL
9U	BIS(2-CHLOROETHYL) ETHER
9U	2-CHLOROPHENOL
9U	1,3-DICHLOROBENZENE
9U	1,4-DICHLOROBENZENE
9U	BENZYL ALCOHOL
9U	1,2-DICHLOROBENZENE
9U	2-METHYLPHENOL
9U	BIS(2-CHLOROISOPROPYL) ETHER
9U	(3-AND/OR 4-)METHYLPHENOL
9U	N-NITROSODI-N-PROPYLAMINE
9U	HEXACHLOROETHANE
9U	NITROBENZENE
9U	ISOPHORONE
9U	2-NITROPHENOL
9U	2,4-DIMETHYLPHENOL
47U	BENZOIC ACID
9U	BIS(2-CHLOROETHOXY) METHANE
9U	2,4-DICHLOROPHENOL
9U	1,2,4-TRICHLOROBENZENE
9U	NAPHTHALENE
9U	4-CHLOROANILINE
9U	HEXACHLOROBUTADIENE
9U	4-CHLORO-3-METHYLPHENOL
9U	2-METHYLNAPHTHALENE
9U	HEXACHLOROCYCLOPENTADIENE (HCCP)
9U	2,4,6-TRICHLOROPHENOL
47U	2,4,5-TRICHLOROPHENOL
9U	2-CHLORONAPHTHALENE
47U	2-NITROANILINE
9U	DIMETHYL PHTHALATE
9U	ACENAPHTHYLENE
9U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
47U	3-NITROANILINE
9U	ACENAPHTHENE
47U	2,4-DINITROPHENOL
47U	4-NITROPHENOL
9U	DIBENZOFURAN
9U	2,4-DINITROTOLUENE
9U	DIETHYL PHTHALATE
9U	4-CHLOROPHENYL PHENYL ETHER
9U	FLUORENE
47U	4-NITROANILINE
47U	2-METHYL-4,6-DINITROPHENOL
9U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9U	4-BROMOPHENYL PHENYL ETHER
9U	HEXACHLOROBENZENE (HCB)
47U	PENTACHLOROPHENOL
9U	PHENANTHRENE
9U	ANTHRACENE
9U	DI-N-BUTYLPHTHALATE
9U	FLUORANTHENE
9U	PYRENE
9U	BENZYL BUTYL PHTHALATE
19U	3,3'-DICHLOROBENZIDINE
9U	BENZO(A)ANTHRACENE
9U	CHRYSENE
9U	BIS(2-ETHYLHEXYL) PHTHALATE
9U	DI-N-OCTYLPHTHALATE
9U	BENZO(B AND/OR K)FLUORANTHENE
9U	BENZO-A-PYRENE
9U	INDENO (1,2,3-CD) PYRENE
9U	DIBENZO(A,H)ANTHRACENE
9U	BENZO(GHI)PERYLENE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50559 SAMPLE TYPE:
SOURCE:
STATION ID: TW-04

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1520 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W504

UG/L	ANALYTICAL RESULTS
9UJ	PHENOL
9UJ	BIS(2-CHLOROETHYL) ETHER
9UJ	2-CHLOROPHENOL
9UJ	1,3-DICHLOROBENZENE
9UJ	1,4-DICHLOROBENZENE
9UJ	BENZYL ALCOHOL
9UJ	1,2-DICHLOROBENZENE
9UJ	2-METHYLPHENOL
9UJ	BIS(2-CHLOROISOPROPYL) ETHER
9UJ	(3-AND/OR 4-)METHYLPHENOL
9UJ	N-NITROSODI-N-PROPYLAMINE
9UJ	HEXACHLOROETHANE
9UJ	NITROBENZENE
9UJ	ISOPHORONE
9UJ	2-NITROPHENOL
9UJ	2,4-DIMETHYLPHENOL
47UJ	BENZOIC ACID
9UJ	BIS(2-CHLOROETHOXY) METHANE
9UJ	2,4-DICHLOROPHENOL
9UJ	1,2,4-TRICHLOROBENZENE
9UJ	NAPHTHALENE
9UJ	4-CHLOROANILINE
9UJ	HEXACHLOROBUTADIENE
9UJ	4-CHLORO-3-METHYLPHENOL
9UJ	2-METHYLNAPHTHALENE
9UJ	HEXACHLOROCYCLOPENTADIENE (HCCP)
9UJ	2,4,6-TRICHLOROPHENOL
47UJ	2,4,5-TRICHLOROPHENOL
9UJ	2-CHLORONAPHTHALENE
47UJ	2-NITROANILINE
9UJ	DIMETHYL PHTHALATE
9UJ	ACENAPHTHYLENE
9UJ	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
47UJ	3-NITROANILINE
9UJ	ACENAPHTHENE
47UJ	2,4-DINITROPHENOL
47UJ	4-NITROPHENOL
9UJ	DIBENZOFURAN
9UJ	2,4-DINITROTOLUENE
9UJ	DIETHYL PHTHALATE
9UJ	4-CHLOROPHENYL PHENYL ETHER
9UJ	FLUORENE
47UJ	4-NITROANILINE
47UJ	2-METHYL-4,6-DINITROPHENOL
9UJ	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9UJ	4-BROMOPHENYL PHENYL ETHER
9UJ	HEXACHLOROBENZENE (HCB)
47UJ	PENTACHLOROPHENOL
9UJ	PHENANTHRENE
9UJ	ANTHRACENE
9UJ	DI-N-BUTYLPHTHALATE
9UJ	FLUORANTHENE
9UJ	PYRENE
9UJ	BENZYL BUTYL PHTHALATE
19UJ	3,3'-DICHLOROBENZIDINE
9UJ	BENZO(A)ANTHRACENE
9UJ	CHRYSENE
9UJ	BIS(2-ETHYLHEXYL) PHTHALATE
9UJ	DI-N-OCTYLPHTHALATE
9UJ	BENZO(B AND/OR K)FLUORANTHENE
9UJ	BENZO-A-PYRENE
9UJ	INDENO (1,2,3-CD) PYRENE
9UJ	DIBENZO(A,H)ANTHRACENE
9UJ	BENZO(GHI)PERYLENE

REMARKS
HOLDING TIMES EXCEEDED(40 CFR 136,OCTOBER 26,1984)

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50586 SAMPLE TYPE: SURFACEWA
SOURCE:
STATION ID: PB-01

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 0745 STOP: 00/00/00

CASE NO.: 14890 SAS NO.: D. NO.: W510

UG/L	ANALYTICAL RESULTS
9U	PHENOL
9U	BIS(2-CHLOROETHYL) ETHER
9U	2-CHLOROPHENOL
9U	1,3-DICHLOROBENZENE
9U	1,4-DICHLOROBENZENE
9U	BENZYL ALCOHOL
9U	1,2-DICHLOROBENZENE
9U	2-METHYLPHENOL
9U	BIS(2-CHLOROISOPROPYL) ETHER
9U	(3-AND/OR 4-)METHYLPHENOL
9U	N-NITROSODI-N-PROPYLAMINE
9U	HEXACHLOROETHANE
9U	NITROBENZENE
9U	ISOPHORONE
9U	2-NITROPHENOL
9U	2,4-DIMETHYLPHENOL
45U	BENZOIC ACID
9U	BIS(2-CHLOROETHOXY) METHANE
9U	2,4-DICHLOROPHENOL
9U	1,2,4-TRICHLOROBENZENE
9U	NAPHTHALENE
9U	4-CHLOROANILINE
9U	HEXACHLOROBUTADIENE
9U	4-CHLORO-3-METHYLPHENOL
9U	2-METHYLNAPHTHALENE
9U	HEXACHLOROCYCLOPENTADIENE (HCCP)
9U	2,4,6-TRICHLOROPHENOL
45U	2,4,5-TRICHLOROPHENOL
9U	2-CHLORONAPHTHALENE
45U	2-NITROANILINE
9U	DIMETHYL PHTHALATE
9U	ACENAPHTHYLENE
9U	2,6-DINITROTOLUENE

UG/L	ANALYTICAL RESULTS
45U	3-NITROANILINE
9U	ACENAPHTHENE
45U	2,4-DINITROPHENOL
45U	4-NITROPHENOL
9U	DIBENZOFURAN
9U	2,4-DINITROTOLUENE
9U	DIETHYL PHTHALATE
9U	4-CHLOROPHENYL PHENYL ETHER
9U	FLUORENE
45U	4-NITROANILINE
45U	2-METHYL-4,6-DINITROPHENOL
9U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
9U	4-BROMOPHENYL PHENYL ETHER
9U	HEXACHLOROBENZENE (HCB)
45U	PENTACHLOROPHENOL
9U	PHENANTHRENE
9U	ANTHRACENE
9U	DI-N-BUTYLPHTHALATE
9U	FLUORANTHENE
9U	PYRENE
9U	BENZYL BUTYL PHTHALATE
18U	3,3'-DICHLOROBENZIDINE
9U	BENZO(A)ANTHRACENE
9U	CHRYSENE
9U	BIS(2-ETHYLHEXYL) PHTHALATE
9U	DI-N-OCTYLPHTHALATE
9U	BENZO(B AND/OR K)FLUORANTHENE
9U	BENZO-A-PYRENE
9U	INDENO (1,2,3-CD) PYRENE
9U	DIBENZO(A,H)ANTHRACENE
9U	BENZO(GHI)PERYLENE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50554 SAMPLE TYPE: GROUNDWA	PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE	CITY: ROOPVILLE ST: GA
STATION ID: IW-01	COLLECTION START: 09/17/90 1640 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.:	D. NO.: W838 MD NO: W838

ANALYTICAL RESULTS UG/L

500J	16 UNIDENTIFIED COMPOUNDS
10JN	OCTYLOXYBENZENE
90JN	HEXANEDIOIC ACID, DIOCTYLESTER

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50557 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-07 COLLECTION START: 09/18/90 1705 STOP: 00/00/00
CASE.NO.: 14890 SAS NO.: D. NO.: W508 MD NO: W508

ANALYTICAL RESULTS UG/L

60J 2 UNIDENTIFIED COMPOUNDS

REMARKS
HOLDING TIMES EXCEEDED(40 CFR 136,OCTOBER 26,1984)

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

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**   PROJECT NO. 90-800    SAMPLE NO. 50562  SAMPLE TYPE: GROUNDWA    PROG ELEM: NSF   COLLECTED BY: J JENKINS          **
**   SOURCE: GA POWER/WANSLEY STE                                     CITY: ROOPVILLE            ST: GA                  **
**   STATION ID: TW-03                                                COLLECTION START: 09/18/90  1120   STOP: 00/00/00  **
**   CASE.NO.: 14890          SAS NO.:                                D. NO.: W845               MD NO: W845             **
**                                                                                                                       **
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ANALYTICAL RESULTS UG/L

40J   2 UNIDENTIFIED COMPOUNDS

FOOTNOTES
*A-AVERAGE VALUE   *NA-NOT ANALYZED   *NAI-INTERFERENCES   *J-ESTIMATED VALUE   *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA. 11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50554 SAMPLE TYPE: GROUNDWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: IW-01 COLLECTION START: 09/17/90 1640 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: D. NUMBER: W838

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
.048U	ALPHA-BHC	.48U	METHOXYCHLOR
.048U	BETA-BHC	.10U	ENDRIN KETONE
.048U	DELTA-BHC		CHLORDANE (TECH. MIXTURE) /1
.048U	GAMMA-BHC (LINDANE)	.48U	GAMMA-CHLORDANE /2
.048U	HEPTACHLOR	.48U	ALPHA-CHLORDANE /2
.048U	ALDRIN	1.0U	TOXAPHENE
.048U	HEPTACHLOR EPOXIDE	.48U	PCB-1016 (AROCLOR 1016)
.048U	ENDOSULFAN I (ALPHA)	.48U	PCB-1221 (AROCLOR 1221)
.10U	DIELDRIN	.48U	PCB-1232 (AROCLOR 1232)
.10U	4,4'-DDE (P,P'-DDE)	.48U	PCB-1242 (AROCLOR 1242)
.10U	ENDRIN	.48U	PCB-1248 (AROCLOR 1248)
.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1254 (AROCLOR 1254)
.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1260 (AROCLOR 1260)
.10U	ENDOSULFAN SULFATE		
.10U	4,4'-DDT (P,P'-DDT)		

REMARKS ***REMARKS***

FOOTNOTES
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*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50551 SAMPLE TYPE: PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: CITY: ROOPVILLE ST: GA
STATION ID: SW-01 COLLECTION START: 09/17/90 1550 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: D. NUMBER: W835

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
.048U	ALPHA-BHC	.48U	METHOXYCHLOR
.048U	BETA-BHC	.10U	ENDRIN KETONE
.048U	DELTA-BHC		CHLORDANE (TECH. MIXTURE) /1
.048U	GAMMA-BHC (LINDANE)	.48U	GAMMA-CHLORDANE /2
.048U	HEPTACHLOR	.48U	ALPHA-CHLORDANE /2
.048U	ALDRIN	1.0U	TOXAPHENE
.048U	HEPTACHLOR EPOXIDE	.48U	PCB-1016 (AROCLOR 1016)
.048U	ENDOSULFAN I (ALPHA)	.48U	PCB-1221 (AROCLOR 1221)
.10U	DIELDRIN	.48U	PCB-1232 (AROCLOR 1232)
.10U	4,4'-DDE (P,P'-DDE)	.48U	PCB-1242 (AROCLOR 1242)
.10U	ENDRIN	.48U	PCB-1248 (AROCLOR 1248)
.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1254 (AROCLOR 1254)
.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1260 (AROCLOR 1260)
.10U	ENDOSULFAN SULFATE		
.10U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50556 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-02
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 1740 STOP: 00/00/00
D. NUMBER: W840

UG/L	ANALYTICAL RESULTS
.053U	ALPHA-BHC
.053U	BETA-BHC
.053U	DELTA-BHC
.053U	GAMMA-BHC (LINDANE)
.053U	HEPTACHLOR
.053U	ALDRIN
.053U	HEPTACHLOR EPOXIDE
.053U	ENDOSULFAN I (ALPHA)
.11U	DIELDRIN
.11U	4,4'-DDE (P,P'-DDE)
.11U	ENDRIN
.11U	ENDOSULFAN II (BETA)
.11U	4,4'-DDD (P,P'-DDD)
.11U	ENDOSULFAN SULFATE
.11U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.53U	METHOXYCHLOR
.11U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.53U	GAMMA-CHLORDANE /2
.53U	ALPHA-CHLORDANE /2
1.1U	TOXAPHENE
.53U	PCB-1016 (AROCLOR 1016)
.53U	PCB-1221 (AROCLOR 1221)
.53U	PCB-1232 (AROCLOR 1232)
.53U	PCB-1242 (AROCLOR 1242)
.53U	PCB-1248 (AROCLOR 1248)
1.1U	PCB-1254 (AROCLOR 1254)
1.1U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50581 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-03 COLLECTION START: 09/20/90 0950 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: D. NUMBER: W520

UG/L	ANALYTICAL RESULTS
.048U	ALPHA-BHC
.048U	BETA-BHC
.048U	DELTA-BHC
.048U	GAMMA-BHC (LINDANE)
.070U	HEPTACHLOR
.048U	ALDRIN
.060U	HEPTACHLOR EPOXIDE
.048U	ENDOSULFAN I (ALPHA)
.10U	DIELDRIN
.10U	4,4'-DDE (P,P'-DDE)
.10U	ENDRIN
.10U	ENDOSULFAN II (BETA)
.10U	4,4'-DDD (P,P'-DDD)
.10U	ENDOSULFAN SULFATE
.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.48U	METHOXYCHLOR
.10U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.48U	GAMMA-CHLORDANE /2
.48U	ALPHA-CHLORDANE /2
1.0U	TOXAPHENE
.48U	PCB-1016 (AROCLOR 1016)
.48U	PCB-1221 (AROCLOR 1221)
.48U	PCB-1232 (AROCLOR 1232)
.48U	PCB-1242 (AROCLOR 1242)
.48U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800   SAMPLE NO. 50561   SAMPLE TYPE: SURFACEWA   PROG ELEM: NSF   COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE   CITY: ROOPVILLE   ST: GA
STATION ID: SW-04   COLLECTION START: 09/18/90 0950   STOP: 00/00/00
CASE NUMBER: 14890   SAS NUMBER: D. NUMBER: W844

UG/L	ANALYTICAL RESULTS
.050U	ALPHA-BHC
.050U	BETA-BHC
.050U	DELTA-BHC
.050U	GAMMA-BHC (LINDANE)
.050U	HEPTACHLOR
.050U	ALDRIN
.050U	HEPTACHLOR EPOXIDE
.050U	ENDOSULFAN I (ALPHA)
.10U	DIELDRIN
.10U	4,4'-DDE (P,P'-DDE)
.10U	ENDRIN
.10U	ENDOSULFAN II (BETA)
.10U	4,4'-DDD (P,P'-DDD)
.10U	ENDOSULFAN SULFATE
.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.50U	METHOXYCHLOR
.10U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.50U	GAMMA-CHLORDANE /2
.50U	ALPHA-CHLORDANE /2
1.0U	TOXAPHENE
.50U	PCB-1016 (AROCLOR 1016)
.50U	PCB-1221 (AROCLOR 1221)
.50U	PCB-1232 (AROCLOR 1232)
.50U	PCB-1242 (AROCLOR 1242)
.50U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE . *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.
11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50560 SAMPLE TYPE: SURFACEWA
SOURCE:
STATION ID: SW-05
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1140 STOP: 00/00/00
D. NUMBER: W502

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
.049U	ALPHA-BHC	.49U	METHOXYCHLOR
.049U	BETA-BHC	.10U	ENDRIN KETONE
.049U	DELTA-BHC		CHLORDANE (TECH. MIXTURE) /1
.049U	GAMMA-BHC (LINDANE)	.49U	GAMMA-CHLORDANE /2
.049U	HEPTACHLOR	.49U	ALPHA-CHLORDANE /2
.049U	ALDRIN	1.0U	TOXAPHENE
.049U	HEPTACHLOR EPOXIDE	.49U	PCB-1016 (AROCLOR 1016)
.049U	ENDOSULFAN I (ALPHA)	.49U	PCB-1221 (AROCLOR 1221)
.10U	DIELDRIN	.49U	PCB-1232 (AROCLOR 1232)
.10U	4,4'-DDE (P,P'-DDE)	.49U	PCB-1242 (AROCLOR 1242)
.10U	ENDRIN	.49U	PCB-1248 (AROCLOR 1248)
.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1254 (AROCLOR 1254)
.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1260 (AROCLOR 1260)
.10U	ENDOSULFAN SULFATE		
.10U	4,4'-DDT (P,P'-DDT)		

REMARKS ***REMARKS***

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.
*C-CONFIRMED BY GCMS 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50564 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-06
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1645 STOP: 00/00/00
D. NUMBER: W509

UG/L	ANALYTICAL RESULTS
.045U	ALPHA-BHC
.045U	BETA-BHC
.045U	DELTA-BHC
.045U	GAMMA-BHC (LINDANE)
.045U	HEPTACHLOR
.045U	ALDRIN
.045U	HEPTACHLOR EPOXIDE
.045U	ENDOSULFAN I (ALPHA)
.091U	DIELDRIN
.091U	4,4'-DDE (P,P'-DDE)
.091U	ENDRIN
.091U	ENDOSULFAN II (BETA)
.091U	4,4'-DDD (P,P'-DDD)
.091U	ENDOSULFAN SULFATE
.091U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.45U	METHOXYCHLOR
.091U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.45U	GAMMA-CHLORDANE /2
.45U	ALPHA-CHLORDANE /2
.91U	TOXAPHENE
.45U	PCB-1016 (AROCLOR 1016)
.45U	PCB-1221 (AROCLOR 1221)
.45U	PCB-1232 (AROCLOR 1232)
.45U	PCB-1242 (AROCLOR 1242)
.45U	PCB-1248 (AROCLOR 1248)
.91U	PCB-1254 (AROCLOR 1254)
.91U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50557 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-07 COLLECTION START: 09/18/90 1705 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: D. NUMBER: W508

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
.048U	ALPHA-BHC	.48U	METHOXYCHLOR
.048U	BETA-BHC	.10U	ENDRIN KETONE
.048U	DELTA-BHC		CHLORDANE (TECH. MIXTURE) /1
.048U	GAMMA-BHC (LINDANE)	.48U	GAMMA-CHLORDANE /2
.048U	HEPTACHLOR	.48U	ALPHA-CHLORDANE /2
.048U	ALDRIN	1.0U	TOXAPHENE
.048U	HEPTACHLOR EPOXIDE	.48U	PCB-1016 (AROCLOR 1016)
.048U	ENDOSULFAN I (ALPHA)	.48U	PCB-1221 (AROCLOR 1221)
.10U	DIELDRIN	.48U	PCB-1232 (AROCLOR 1232)
.10U	4,4'-DDE (P,P'-DDE)	.48U	PCB-1242 (AROCLOR 1242)
.10U	ENDRIN	.48U	PCB-1248 (AROCLOR 1248)
.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1254 (AROCLOR 1254)
.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1260 (AROCLOR 1260)
.10U	ENDOSULFAN SULFATE		
.10U	4,4'-DDT (P,P'-DDT)		

REMARKS ***REMARKS***

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50583 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-09
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/20/90 0915 STOP: 00/00/00
D. NUMBER: W519

UG/L	ANALYTICAL RESULTS
.049U	ALPHA-BHC
.049U	BETA-BHC
.049U	DELTA-BHC
.049U	GAMMA-BHC (LINDANE)
.049U	HEPTACHLOR
.049U	ALDRIN
.049U	HEPTACHLOR EPOXIDE
.049U	ENDOSULFAN I (ALPHA)
.10U	DIELDRIN
.10U	4,4'-DDE (P,P'-DDE)
.10U	ENDRIN
.10U	ENDOSULFAN II (BETA)
.10U	4,4'-DDD (P,P'-DDD)
.10U	ENDOSULFAN SULFATE
.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.49U	METHOXYCHLOR
.10U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.49U	GAMMA-CHLORDANE /2
.49U	ALPHA-CHLORDANE /2
1.0U	TOXAPHENE
.49U	PCB-1016 (AROCLOR 1016)
.49U	PCB-1221 (AROCLOR 1221)
.49U	PCB-1232 (AROCLOR 1232)
.49U	PCB-1242 (AROCLOR 1242)
.49U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 11/15/90

PROJECT NO. 90-800 SAMPLE NO. 50563 SAMPLE TYPE: SURFACEWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: SW-10
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1220 STOP: 00/00/00
D. NUMBER: W501

UG/L	ANALYTICAL RESULTS
.043U	ALPHA-BHC
.043U	BETA-BHC
.043U	DELTA-BHC
.043U	GAMMA-BHC (LINDANE)
.043U	HEPTACHLOR
.043U	ALDRIN
.043U	HEPTACHLOR EPOXIDE
.043U	ENDOSULFAN I (ALPHA)
.086U	DIELDRIN
.086U	4,4'-DDE (P,P'-DDE)
.086U	ENDRIN
.086U	ENDOSULFAN II (BETA)
.086U	4,4'-DDD (P,P'-DDD)
.086U	ENDOSULFAN SULFATE
.086U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.43U	METHOXYCHLOR
.086U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.43U	GAMMA-CHLORDANE /2
.43U	ALPHA-CHLORDANE /2
.86U	TOXAPHENE
.43U	PCB-1016 (AROCLOR 1016)
.43U	PCB-1221 (AROCLOR 1221)
.43U	PCB-1232 (AROCLOR 1232)
.43U	PCB-1242 (AROCLOR 1242)
.43U	PCB-1248 (AROCLOR 1248)
.86U	PCB-1254 (AROCLOR 1254)
.86U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50558 SAMPLE TYPE: SURFACEWA PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE CITY: ROOPVILLE ST: GA
STATION ID: SW-11 COLLECTION START: 09/18/90 1605 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER: D. NUMBER: W505

UG/L	ANALYTICAL RESULTS
.049U	ALPHA-BHC
.049U	BETA-BHC
.049U	DELTA-BHC
.049U	GAMMA-BHC (LINDANE)
.049U	HEPTACHLOR
.049U	ALDRIN
.049U	HEPTACHLOR EPOXIDE
.049U	ENDOSULFAN I (ALPHA)
.10U	DIELDRIN
.10U	4,4'-DDE (P,P'-DDE)
.10U	ENDRIN
.10U	ENDOSULFAN II (BETA)
.10U	4,4'-DDD (P,P'-DDD)
.10U	ENDOSULFAN SULFATE
.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.49U	METHOXYCHLOR
.10U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.49U	GAMMA-CHLORDANE /2
.49U	ALPHA-CHLORDANE /2
1.0U	TOXAPHENE
.49U	PCB-1016 (AROCLOR 1016)
.49U	PCB-1221 (AROCLOR 1221)
.49U	PCB-1232 (AROCLOR 1232)
.49U	PCB-1242 (AROCLOR 1242)
.49U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50579 SAMPLE TYPE: GROUNDWA
SOURCE: GA POWER/WANSLEY STE
STATION ID: TW-01
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/19/90 1540 STOP: 00/00/00
D. NUMBER: W514

UG/L	ANALYTICAL RESULTS
.047U	ALPHA-BHC
.047U	BETA-BHC
.047U	DELTA-BHC
.047U	GAMMA-BHC (LINDANE)
.047U	HEPTACHLOR
.047U	ALDRIN
.047U	HEPTACHLOR EPOXIDE
.047U	ENDOSULFAN I (ALPHA)
.094U	DIELDRIN
.094U	4,4'-DDE (P,P'-DDE)
.094U	ENDRIN
.094U	ENDOSULFAN II (BETA)
.094U	4,4'-DDD (P,P'-DDD)
.094U	ENDOSULFAN SULFATE
.094U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.47U	METHOXYCHLOR
.094U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.47U	GAMMA-CHLORDANE /2
.47U	ALPHA-CHLORDANE /2
.94U	TOXAPHENE
.47U	PCB-1016 (AROCLOR 1016)
.47U	PCB-1221 (AROCLOR 1221)
.47U	PCB-1232 (AROCLOR 1232)
.47U	PCB-1242 (AROCLOR 1242)
.47U	PCB-1248 (AROCLOR 1248)
.94U	PCB-1254 (AROCLOR 1254)
.94U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50562 SAMPLE TYPE: GROUNDWA
PROG ELEM: NSF COLLECTED BY: J JENKINS
SOURCE: GA POWER/WANSLEY STE
CITY: ROOPVILLE ST: GA
STATION ID: TW-03
COLLECTION START: 09/18/90 1120 STOP: 00/00/00
CASE NUMBER: 14890 SAS NUMBER:
D. NUMBER: W845

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
.048U	ALPHA-BHC	.48U	METHOXYCHLOR
.048U	BETA-BHC	.10U	ENDRIN KETONE
.048U	DELTA-BHC		CHLORDANE (TECH. MIXTURE) /1
.048U	GAMMA-BHC (LINDANE)	.48U	GAMMA-CHLORDANE /2
.048U	HEPTACHLOR	.48U	ALPHA-CHLORDANE /2
.048U	ALDRIN	1.0U	TOXAPHENE
.048U	HEPTACHLOR EPOXIDE	.48U	PCB-1016 (AROCLOR 1016)
.048U	ENDOSULFAN I (ALPHA)	.48U	PCB-1221 (AROCLOR 1221)
.10U	DIELDRIN	.48U	PCB-1232 (AROCLOR 1232)
.10U	4,4'-DDE (P,P'-DDE)	.48U	PCB-1242 (AROCLOR 1242)
.10U	ENDRIN	.48U	PCB-1248 (AROCLOR 1248)
.10U	ENDOSULFAN II (BETA)	1.0U	PCB-1254 (AROCLOR 1254)
.10U	4,4'-DDD (P,P'-DDD)	1.0U	PCB-1260 (AROCLOR 1260)
.10U	ENDOSULFAN SULFATE		
.10U	4,4'-DDT (P,P'-DDT)		

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50559 SAMPLE TYPE:
SOURCE:
STATION ID: TW-04
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/18/90 1520 STOP: 00/00/00
D. NUMBER: W504

UG/L	ANALYTICAL RESULTS
.045U	ALPHA-BHC
.045U	BETA-BHC
.045U	DELTA-BHC
.045U	GAMMA-BHC (LINDANE)
.045U	HEPTACHLOR
.045U	ALDRIN
.045U	HEPTACHLOR EPOXIDE
.045U	ENDOSULFAN I (ALPHA)
.090U	DIELDRIN
.090U	4,4'-DDE (P,P'-DDE)
.090U	ENDRIN
.090U	ENDOSULFAN II (BETA)
.090U	4,4'-DDD (P,P'-DDD)
.090U	ENDOSULFAN SULFATE
.090U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.45U	METHOXYCHLOR
.090U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.45U	GAMMA-CHLORDANE /2
.45U	ALPHA-CHLORDANE /2
.90U	TOXAPHENE
.45U	PCB-1016 (AROCLOR 1016)
.45U	PCB-1221 (AROCLOR 1221)
.45U	PCB-1232 (AROCLOR 1232)
.45U	PCB-1242 (AROCLOR 1242)
.45U	PCB-1248 (AROCLOR 1248)
.90U	PCB-1254 (AROCLOR 1254)
.90U	PCB-1260 (AROCLOR 1260)

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

11/15/90

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 90-800 SAMPLE NO. 50586 SAMPLE TYPE: SURFACEWA
SOURCE:
STATION ID: PB-01
CASE NUMBER: 14890 SAS NUMBER:

PROG ELEM: NSF COLLECTED BY: J JENKINS
CITY: ROOPVILLE ST: GA
COLLECTION START: 09/17/90 0745 STOP: 00/00/00
D. NUMBER: W510

UG/L	ANALYTICAL RESULTS
.050U	ALPHA-BHC
.050U	BETA-BHC
.050U	DELTA-BHC
.050U	GAMMA-BHC (LINDANE)
.050U	HEPTACHLOR
.050U	ALDRIN
.050U	HEPTACHLOR EPOXIDE
.050U	ENDOSULFAN I (ALPHA)
.10U	DIELDRIN
.10U	4,4'-DDE (P,P'-DDE)
.10U	ENDRIN
.10U	ENDOSULFAN II (BETA)
.10U	4,4'-DDD (P,P'-DDD)
.10U	ENDOSULFAN SULFATE
.10U	4,4'-DDT (P,P'-DDT)

UG/L	ANALYTICAL RESULTS
.50U	METHOXYCHLOR
.10U	ENDRIN KETONE
	CHLORDANE (TECH. MIXTURE) /1
.50U	GAMMA-CHLORDANE /2
.50U	ALPHA-CHLORDANE /2
1.0U	TOXAPHENE
.50U	PCB-1016 (AROCLOR 1016)
.50U	PCB-1221 (AROCLOR 1221)
.50U	PCB-1232 (AROCLOR 1232)
.50U	PCB-1242 (AROCLOR 1242)
.50U	PCB-1248 (AROCLOR 1248)
1.0U	PCB-1254 (AROCLOR 1254)
1.0U	PCB-1260 (AROCLOR 1260)

REMARKS

REMARKS

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APPENDIX C

Site Inspection Report

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
GA	D000612937

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
GA Power Wansley Steam Electric Generating Plant	P.O. Box 214, GA Hwy 5

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Roopville	GA	30170	Heard	149	06

09 COORDINATES LATITUDE	LONGITUDE	10 TYPE OF OWNERSHIP (Check one)
33 45 33.0	085 13 50.0	☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION (MONTH DAY YEAR)	02 SITE STATUS	03 YEARS OF OPERATION (BEGINNING YEAR / ENDING YEAR)
09/16/90	☒ ACTIVE ☐ INACTIVE	1976 / Present ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)

☐ A. EPA ☒ B. EPA CONTRACTOR NUS Corporation (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ___ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR ___ (Name of firm) ☐ G. OTHER ___ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO
John Jenkins	Hydrogeologist	NUS	(404) 938-7710

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Maureen Gordon	Chemist	NUS	(404) 938-7710
Jay Chastain	Sampler	NUS	(404) 938-7710
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Carolyn Kennedy	Env. Specialist	Box 4545, Atlanta, GA 30302	(404) 522-6060
M. E. Sloop	—	SAME AS ABOVE (Roopville)	( )
Randy Turner	Environmental Specialist	" " "	( )
Alan Reeves	Env. Specialist	" " "	( )
Clarke Mitchell	Env. Specialist	" " "	( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT		Clear & Hot

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
		( )

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE (MONTH DAY YEAR)
John Jenkins	NUS		(404) 938-7710	9/16/90

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

A SOLID
B POWDER, FINES
C SLUDGE
D OTHER _____ (Specify)
E SLURRY
F LIQUID
G GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS _____
CUBIC YARDS _____
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

X A TOXIC
B CORROSIVE
C RADIOACTIVE
X D PERSISTENT
X E SOLUBLE
F INFECTIOUS
X G FLAMMABLE
H IGNITABLE
I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS	unknown	~~un~~	Halogenated & unhalogenated
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
	Chromium		Unknown - identified	140 ug/l	In groundwater
	lead		during the field	240 J ug/l	In groundwater
	nickel		investigation conducted	120 ug/l	In groundwater
	aluminum		9/16/90	200,000 ug/l	In groundwater
	barium			630 ug/l	In groundwater
	Vanadium			760 ug/l	In groundwater

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) — X POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed during the field investigation

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) — X POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

None observed during the field investigation

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) — X POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Possibly via fishing in onsite and downstream waters

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☐ OBSERVED (DATE: _____) — X POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Unknown

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) — X POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Possibly via surface water pathway

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A None present

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) — X POTENTIAL — ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed in file material or during the field investigation

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION — 02 ☒ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Observed release is documented by 9/16/90 field investigation

01 ☐ B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Observed release is documented by the 9/16/90 field investigation

01 ☐ C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

unlikely potential from the use of solvents.

01 ☐ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 325 employees 04 NARRATIVE DESCRIPTION

Potential to onsite workers - unlikely by anyone else due to the plants rural setting

01 ☐ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) 04 NARRATIVE DESCRIPTION

Identified in 9/16/90 field investigation

01 ☐ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 1553 04 NARRATIVE DESCRIPTION

There are approximately 1553 individuals within 4 miles that rely upon private wells for potable water.

01 ☐ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 325 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

Unlikely

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES	GA0024778			
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☒ A. SURFACE IMPOUNDMENT	unknown	(Ash Pond)
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND		
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER (Specify)

05 OTHER

- ☐ A. BUILDINGS ON SITE

06 AREA OF SITE

_____ Acres

07 COMMENTS

The ash pond is unlined; however, this type of disposal at power plants is common.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE. ☐ YES ☒ NO

02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

EPA & state file material

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A ☐	B ☐
NON-COMMUNITY	C. ☐	D. X

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☐
D. X	E. ☐	F. ☐

03 DISTANCE TO SITE

A. _____ (mi)
B. 4.1 (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

X A. ONLY SOURCE FOR DRINKING — In some nearby areas
☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available)
☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available)
☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 1553

03 DISTANCE TO NEAREST DRINKING WATER WELL 2/3 (mi)

04 DEPTH TO GROUNDWATER _____ (ft)

05 DIRECTION OF GROUNDWATER FLOW Location Dependent

06 DEPTH TO AQUIFER OF CONCERN 4 to > 20 (ft)

07 POTENTIAL YIELD OF AQUIFER 1440 (gpd)

08 SOLE SOURCE AQUIFER ☐ YES ☐ NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)

10 RECHARGE AREA ☐ YES ☐ NO — COMMENTS

11 DISCHARGE AREA ☐ YES ☐ NO — COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

X A. RESERVOIR, RECREATION, DRINKING WATER SOURCE
☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES
☐ C. COMMERCIAL, INDUSTRIAL
☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Chattahoochee River - Nearest intake is	☐	< 1/2 (mi)
> 30 miles downstream in Lagrange	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE A. 187 NO. OF PERSONS
TWO (2) MILES OF SITE B. 385 NO. OF PERSONS
THREE (3) MILES OF SITE C. 679 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION 1.5 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE _____

04 DISTANCE TO NEAREST OFF-SITE BUILDING 2/3 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site (e.g., rural, village, densely populated urban area))

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☒ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
≈ 50 (ft)	(ft)	

06 NET PRECIPITATION	07 ~~ONE~~ two YEAR 24 HOUR RAINFALL	08 SLOPE SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
8 (in)	4 (in)	5 %	Location Dependent	3 %

09 FLOOD POTENTIAL

SITE IS IN _____ YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE A. _____ (mi)

OTHER Chattahoochee River B. < 1/2 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

> 15 (mi)

ENDANGERED SPECIES: N/A

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS PRIME AG LAND	AG LAND
A. > 4 (mi)	B. 1 1/2 (mi)	C. _____ (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA & state file material

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	4	Organic - Ecotek in Atlanta, GA	
SURFACE WATER	10	Inorganic - Skinner & Sherman in Waltham, MA	
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL	8		
VEGETATION			
OTHER Sediment	11		

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
pH	On Water Samples only
Conductivity	
Temperature	

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☐ GROUND ☐ AERIAL

02 IN CUSTODY OF _____ (Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS NUS Corporation

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA (NUS) file material

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER
Georgia Power Company	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
P.O. Box 4545	

05 CITY	06 STATE	07 ZIP CODE
Atlanta	GA	30302

01 NAME	02 D+B NUMBER
Oglethorpe Power Company	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER
Municipal Electric Authority of Georgia	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER
City of Dalton, Georgia	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER

10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

12 CITY	13 STATE	14 ZIP CODE

08 NAME	09 D+B NUMBER

10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

12 CITY	13 STATE	14 ZIP CODE

08 NAME	09 D+B NUMBER

10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

12 CITY	13 STATE	14 ZIP CODE

08 NAME	09 D+B NUMBER

10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

IV. REALTY OWNER(S) (If applicable; list most recent first)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER

II. CURRENT OPERATOR *(Provide if different from owner)*

01 NAME	02 D+B NUMBER
GA Power Company	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
P.O. 4545	

05 CITY	06 STATE	07 ZIP CODE
Atlanta	GA	30302

08 YEARS OF OPERATION	09 NAME OF OWNER

OPERATOR'S PARENT COMPANY *(if applicable)*

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

III. PREVIOUS OPERATOR(S) *(List most recent first; provide only if different from owner)*

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

PREVIOUS OPERATORS' PARENT COMPANIES *(if applicable)*

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

IV. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED 04 DESCRIPTION There is no record of any response activity at this facility	02 DATE	03 AGENCY
01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ H. ON SITE BURIAL 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ L. ENCAPSULATION 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ N. CUTOFF WALLS 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE	03 AGENCY

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION — N/A — N/A

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

III. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

EPA & state file material

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY ENFORCEMENT ACTION YES X NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

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