Site: _____
Break: 1.2
Other: 1982

QUALITY ASSURANCE SAMPLING INVESTIGATION
GROUNDWATER MONITORING
OLIN CHEMICAL CORPORATION
MCINTOSH, ALABAMA

1 2 00001

3446

INTRODUCTION

A technical assistance groundwater sampling effort was conducted at the Olin Corporation located in McIntosh, Alabama during August 2-5, 1982 by Jim Kopotic and Brad Wallace of the U. S. Environmental Protection Agency (US-EPA), Environmental Services Division (ESD). Harold Taylor, Alabama Division of Solid and Hazardous Waste (AL-DSHW) was present during the investigation. Olin Corporation representatives were Bob Reams (Environmental Manager), Toni Odom (Environmental Technician), Carl Nelson (Specialist, Environmental Affairs), and Mike Bellotti (Environmental Technical Specialist). This project was initiated by the US-EPA, Region IV, Air and Waste Management Division (AWMD) in response to a request from the AL-DSHW.

The objectives of this study were to provide technical and analytical support to the AL-DSHW by evaluating the facility's groundwater monitoring program (well evacuation and sampling techniques) and by providing split sample analyses of a representative number of samples from Olin Corporation. ESD's analytical results will be used by the AL-DSHW for quality control comparison with the corresponding results provided by Olin Corporation based upon split sample analysis.

AREA

The Olin Corporation is located in Washington County near McIntosh, Alabama (Figure 1). The facility is bounded on the west by McIntosh, Alabama, on the north by Ciba-Geigy Chemical Corporation, on the east by the Tombigbee River, and on the south by residential dwellings (Figure 2).

The topography of the site, located within the Alabama Coastal Plain, is generally flat, approximately 40-50 feet above mean sea level. Area soils generally consist of surface sands and sandy loams, loams, sandy clay loams, silts and clays and grade progressively downward to alluvial deposits of thinnly bedded clays, sandy silts, coarse sands, and gravel. Sands and shales of Miocene age continue from 400 to 1,000 feet, underlain by Oligocene and older limestone (1).

Unique to Washington County is the McIntosh salt dome which was discovered in 1945 by Gulf Refining Company. The dome comes to within 410 feet of the ground surface and is approximately one mile in diameter (2). The salt dome is located to the west of the Olin facility and beneath the McIntosh community.

BACKGROUND

Plant Process

The Olin facility, constructed in the early 1950's, was originally designed as a chlor-alkali plant. The original process operations consisted of injecting water into the salt dome and returning the brine solution to the surface where

1 2 00002

it was used in mercury cathode cells to produce chlorine gas and caustic soda. The used brine solution would then be reinjected into the salt dome to dissolve more salt. Olin presently uses diaphram cells to produce chlorine and caustic soda. The salt dome is still used as the source of brine.

A pesticide/organic plant was constructed in 1956 and begun production of pentachloronitrobenzene (PCNB). It was later expanded to include the production of trichloroacetonitrile (TCAN) and 5-ethoxy-3-trichloromethyl-1,2,4-thiadiazole (Terrozole). From 1956 to 1981, Olin Corporation produced chlorine, caustic soda, PCNB, TCAN, and Terrozole. Between August and December 1981, the organic plant and mercury cathode cells were shut down. Current production includes chlorine, caustic soda, sodium chlorate, sodium hypochlorite, and sodium chloride.

Groundwater Monitoring System

Prior to May 1982, the groundwater monitoring system at the Olin McIntosh plant consisted of 43 monitoring wells; 31 of which were general study wells and 12 which were installed to comply with RCRA regulations. Based on information provided by Soil and Material Engineers (Olin's groundwater consultant), Olin Corporation installed 32 additional groundwater monitoring wells constructed with 2-inch PVC casing. This work began in May 1982 and was completed in August 1982.

RESULTS AND DISCUSSION

General

The Olin Corporation scheduled a round of sampling of all of their monitoring wells during the first week of August 1982. This technical assistance effort was timed to coincide with the Olin sampling program.

This effort consisted of observing the Olin sampling protocol and splitting samples from selected wells. Because of the large number (75) of monitoring wells to be sampled by Olin personnel, 14 wells were selected by US-EPA personnel for split sample analyses. The monitoring wells were chosen on the basis of location, with respect to the suspected sources of contamination located within the plant process area (Figure 3), and the analytical data from a previous sampling investigation conducted by Olin Corporation during January 1982. The samples split with Olin, with the exceptions noted, were obtained by Olin using sampling procedures described in the Methodology Section of this report.

It should be noted that the sample from monitoring well OC-LP4 was collected by US-EPA personnel and split between Olin and US-EPA. Monitoring well OC-OL1 was sampled by US-EPA personnel and was not split with Olin.

A potable well sample was collected from the Ciba-Geigy plant which is located adjacent and to the north of the Olin facility (Figure 1). This sample was collected to determine if the Ciba-Geigy potable water supply had been contaminated.

The data tables attached to this report summarize the materials detected, and field observations/measurements for those monitoring wells sampled by US-EPA. Tables 1 and 2 list the inorganic and organic compounds detected in the samples collected and analyzed by US-EPA. Table 3 contains the analytical results

from the Superfund Notification of On-Site Hazardous Materials (US-EPA Form 8900-1) submitted by Olin Corporation and received by US-EPA, Region IV, June 9, 1981. The concentration values are from the US-EPA analytical results (Appendix A). Tables 4 and 5 list field measurements (pH, conductivity, etc.) and well data (elevations, well depths, etc.) for the monitoring wells. Table 6 contains the compounds included on the list "EPA Health Advisory Levels." Table 7 is the national drinking water standards for interim and secondary drinking water criteria. Olin Corporation analytical results are not included or discussed.

Evaluation of Olin's Sampling Protocol

The investigation revealed several possible problems with the Olin Corporation sampling protocol/handling procedures (refer to Methodology Section for detailed description of the methodology) including:

1. Olin's sampling protocol specified that samples were to be collected directly from the gas operated bladder pump used to evacuate the monitoring wells. This type of equipment, due to the rubber bladder and plastic sampling line, could contaminate the samples. Also, it is difficult to clean this equipment in the field. Unless cleaned properly, the bladder pump could be a source of cross-contamination between monitoring wells. However, this potential problem was minimized by Olin's practice of sampling from reported uncontaminated to contaminated areas. Distilled water was used by Olin personnel to rinse the outside of the pump and line and to pump one volume of distilled water through the bladder pump and discharge line prior to sampling each well. It is not possible to determine if this cleaning procedure was adequate.

2. With the exception of volatile organic analyses, Olin personnel vacuum filtered each sample prior to relinquishing them to the Olin laboratory for analyses. This practice could adversely affect both the metals and organic analyses. If solids were present in the sample, it would be possible for certain organics and metals to be sorbed to the solid particles and thus be removed by the filtering process.

It should be noted that the US-EPA portion of the split samples were not filtered. Thus, while the Olin and US-EPA analytical data may not be directly comparable, they will provide the AL-DSHW a basis on which to judge the effects of filtration on the samples split with the US-EPA.

In an attempt to determine if Olin's sampling methodology (but not vacuum filtration process) affected the analytical results, additional samples were collected from monitoring wells OC-MP12, OC-PH3, OC-WP4, and OC-BR8 using US-EPA, Region IV groundwater monitoring well sampling protocol (4). These samples were collected after the wells had been evacuated by Olin personnel using the bladder pump and regular split samples had been collected. Special samples were collected from these wells by US-EPA personnel using a clean stainless steel bailer. These additional samples have been designated with the letter "D" following the well station identification (example: OC-MP12D). When comparing the results for metal analyses, several wells exhibited higher concentrations in the additional samples collected, via the stainless steel bailer, than those from the same well which were collected from the bladder pump. This increase might be attributed to the bailer picking up clays and silts stirred up by the bailing process. Also, it is doubtful that the bladder pump, with a pumping

rate of less than 2 feet per second, would pick up clays and silts, but would instead allow them to settle out. Because of the limited number of samples collected, it is not possible to determine if Olin's sampling procedure was adequate. At this stage a comparison of the Olin and US-EPA sampling methods, utilizing the US-EPA analytical data, would be inconclusive (Tables 1 and 2).

Monitoring Well Data

For the purpose of this discussion, the Olin monitoring wells have been grouped into Zones I and II (Figure 4), based upon the number of compounds detected, and their concentrations. Zone I and II is not an Olin designation. Zone I contains monitoring wells OC-WE4, OC-WP4, OC-WP9, OC-WW8, OC-PE2, OC-PH3, OC-E1, OC-E2, and OC-MP12 which contained fewer compounds at lower concentrations. Zone II wells OC-OL1, OC-LP4, OC-BR8, OC-LP1, OC-WP3, and OC-WE3 contained more compounds at higher concentrations. These judgments were based on the number of compounds and the concentration levels compared to control well OC-WE4. The sample collected at Ciba-Geigy was from the facility's drinking water supply well, therefore, it was not included in either zone and is discussed separately.

Zone I Monitoring Wells

Monitoring well OC-WE4, located northeast of the process area, was used as the control well for this investigation (Figure 3). The split sample collected from this well contained the least number of compounds at the lowest concentrations. Four metals (lead, 61 ug/l; aluminum, 300 ug/l; manganese, 22 ug/l; and iron, 320 ug/l) and two organic compounds (chlorobenzene, <10 ug/l; and acrylonitrile, <100 ug/l) (Tables 1 and 2) were detected. Lead (61 ug/l) exceeded the maximum allowable concentration (50 ug/l) criteria for drinking water (Table 7) (3).

The number of metals detected in the samples collected from the monitoring wells in Zone I varied only slightly between wells. Lead, iron, and manganese were detected in each well (Table 1). Zinc and aluminum were detected in most of the wells. Chromium was detected in samples OC-PH3D (14 ug/l), OC-E1 (17 ug/l), OC-WP9 (16 ug/l), OC-MP12 (36 ug/l), OC-MP12D (52 ug/l), OC-WP4 (58 ug/l), and OC-WP4D (27 ug/l). Chromium has a maximum allowable concentration of 50 ug/l in the Primary Drinking Water Regulations (Table 7) (3).

With the exception of well OC-E1, lead was detected in every well at concentration levels exceeding the maximum allowable primary drinking water criteria concentration of 50 ug/l (Table 7) (3). The only Zone I well sample that contained arsenic (60 ug/l) and mercury (0.33 ug/l) was OC-PH3D.

A total of 16 organic compounds (excluding the miscellaneous and unidentified compounds), were detected in the Zone I wells. Only nine compounds were positively identified and quantified (Table 2). The extractable organic compounds, di-n-butylphthalate and bis (2-ethylhexyl) phthalate were detected in sample OC-MP12 at 60 ug/l and 11 ug/l, respectively. However, these two compounds were not detected in the additional sample (OC-MP12D). 1,4-Dichlorobenzene (19 ug/l) and 1,2-dichlorobenzene (18 ug/l) were detected in sample OC-WP4, but were not detected in the additional sample (OC-WP4D).

Four purgeable organic compounds were detected above the minimum quantifiable detection limit. They were toluene (23 ug/l) in well OC-E1, methylene chloride (39 ug/l) in sample OC-MP12D (well OC-MP12), chlorobenzene (13 and 15 ug/l) in wells OC-WW8 and OC-WP4, respectively, and carbon tetrachloride (17 ug/l) in well OC-WP9. The two purgeable organic compounds, chlorobenzene and acrylonitrile, detected in the control well were below the minimum detection limit.

Zone II Monitoring Wells

The number of metals detected and their concentration in the wells from Zone II were elevated in comparison to the metals concentrations detected in the control well (OC-WE4). High concentrations of aluminum (220,000 ug/l), manganese (1,000 ug/l), and iron (68,000 ug/l) were detected in the sample from well OC-OL1, located in the process area directly east of the old inactive plant landfill (Table 1). Samples from this well had a pH of 2.6 and conductivity of 4,100 umhos/cm. Chromium (120 ug/l), lead (130 ug/l), and mercury (7.6 ug/l) concentrations exceeded the primary drinking water criteria in this sample (3). Arsenic was detected at 40 ug/l.

The remaining wells, located west of OC-OL1, contained lead at concentrations ranging from 64 ug/l in well OC-LP4 to 760 ug/l in well OC-WP3. Chromium was detected at the highest concentration in well OC-LP1 (290 ug/l). Mercury ranged from 0.31 ug/l in well OC-WE3 to 11 ug/l in well OC-BR8.

Monitoring well OC-OL1 contained 30 organic compounds, 17 of which were above the minimum quantifiable level. Organic compounds with some of the higher concentrations detected were 1,4-dichlorobenzene (160 ug/l), 1,2-dichlorobenzene (250 ug/l), 1,2,4-trichlorobenzene (120 ug/l), naphthalene (200 ug/l), chloroform (16,000 ug/l), and benzene (190 ug/l). Three pesticides, beta, gamma, and delta BHC were detected at 65 ug/l, 37 ug/l, and 6.5 ug/l, respectively, in samples collected from well OC-OL1.

Although monitoring well OC-LP4 did not contain as many organic compounds as did OC-OL1, 1,4-dichlorobenzene (6,600 ug/l), 1,2-dichlorobenzene (5,800 ug/l), 1,3-dichlorobenzene (350 ug/l), 1,2,4-trichlorobenzene (790 ug/l), benzene (450 ug/l), and chlorobenzene (8,800 ug/l) were detected at concentrations many times greater.

Benzene (26 ug/l), chlorobenzene (480 ug/l), and beta (1.9 ug/l), gamma (0.7 ug/l), and delta (0.5 ug/l) BHC, were detected above minimum quantifiable detection limits in monitoring well OC-LP1. Chloroform was detected at an estimated concentration of 130 ug/l in monitoring well OC-LP1 and was positively identified and quantified in well OC-BR8 at 470 ug/l. The predominant organic compounds detected above minimum quantifiable detection limits in monitoring wells OC-[illegible] and OC-BR8 were 1,4-dichlorobenzene, 1,2-dichlorobenzene, chloroform, benzene, and chlorobenzene. See Table 2 for concentration levels. The only well (Zone II) to contain di-n-butylphthalate (250 ug/l) above minimum quantifiable limits was OC-BR8.

REFERENCES

1. Tucker, William E. and Robert E. Kidd, 1973. Deep-Well Disposal in Alabama. Geological Survey of Alabama, Bulletin 104.

2. Copeland, C. W., 1968. Geology of the Alabama Coastal Plain. Geological Survey of Alabama, Circular 47.

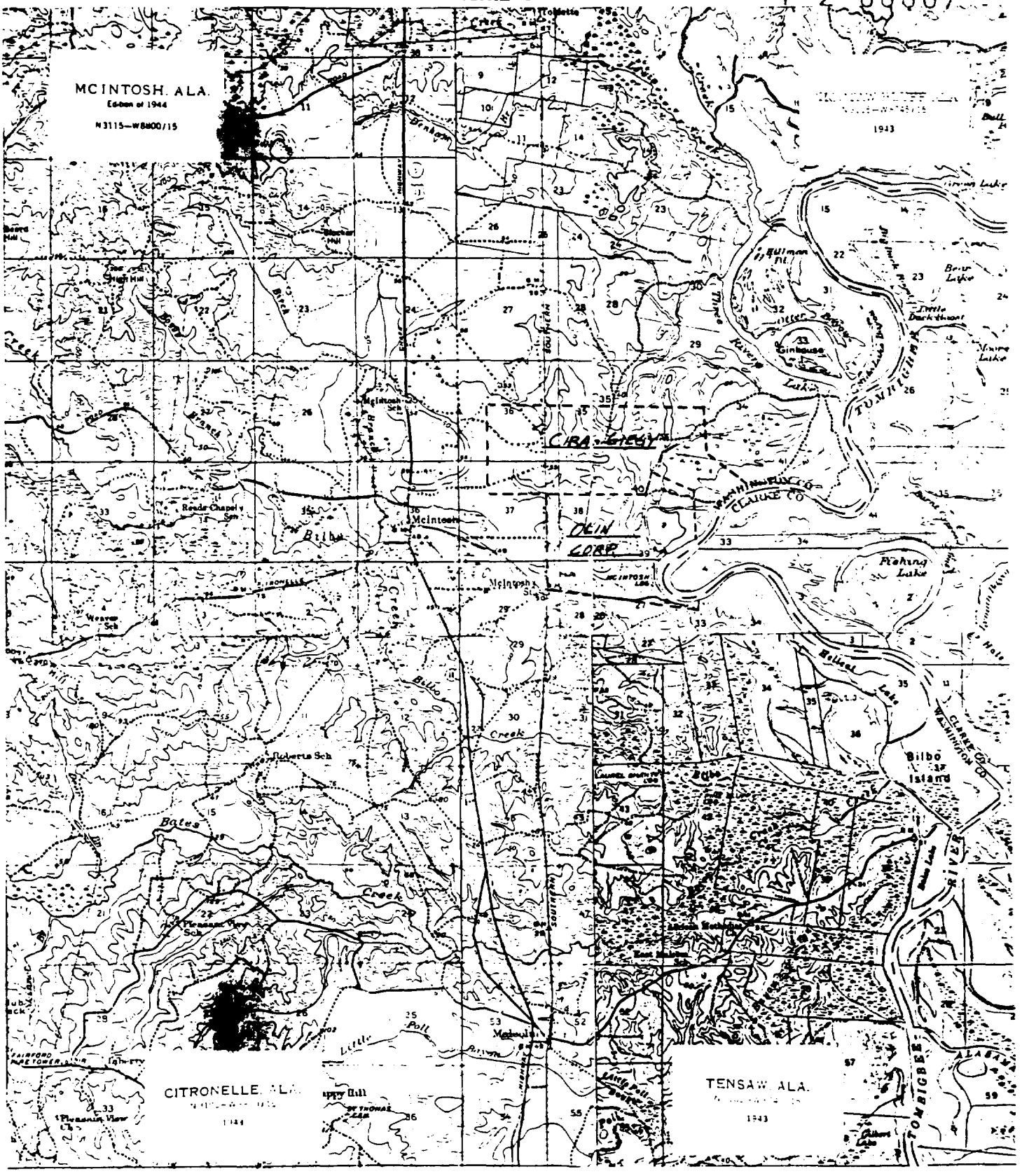
3. National Interim Primary Drinking Water Regulations (EPA-570/9-76-003); U. S. Environmental Protection Agency, Office of Drinking Water.

4. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U. S. Environmental Protection Agency, Region IV, Surveillance and Analysis Division; August 29, 1980.

5. Analytical Support Branch Operations and Quality Assurance Manual; U. S. Environmental Protection Agency, Region IV, Environmental Services Division; April 1982.

6. "Identification and Listing of Hazardous Waste;" Federal Register (Vol. 45, No. 98, Part 261); Monday, May 19, 1980 (as amended).

FIGURE 1



ROAD CLASSIFICATION

Medium duty — Light duty

Unimproved dirt

Trail Route

FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242

Ciba-Geigy Potable Well Supply 1 2 00008

The potable water supply well sampled at Ciba-Geigy (CG-001) contained 16 metals. Mercury was positively identified and quantified at a concentration of 1.0 ug/l. Manganese, detected at 170 ug/l, exceed the maximum allowable concentration of 50 ug/l for drinking water, based upon the secondary drinking water criteria (Table 2). Cyanide was detected at a concentration less than the quantifiable minimum detection limit of 2 ug/l. Three pesticides, alpha, gamma, and delta BHC, were positively identified and quantified at concentrations of 2.3 ug/l, 4.2 ug/l, and 3.9 ug/l, respectively. See attached Tables 1 and 2.

METHODOLOGY

Split Sample Collection Between Olin and US-EPA

Prior to sample collection, individual well volumes were calculated and three well volumes were evacuated by Olin personnel using a gas operated bladder pump. At the point when split samples were to be collected, a discharge aliquot from the pump would be placed in the appropriate sample container. The discharge pulse was alternated between Olin and US-EPA sample containers until both containers were full. Olin Corporation and US-EPA both supplied their own sample containers. Distilled water was used by the Olin personnel to rinse the pump, both inside and out, before re-use.

Olin personnel pumped the samples for purageable organic compounds into septum vials. The samples for the remaining compounds (organic and inorganics) were pumped into gallon amber glass jugs. The samples were then transported to a sample preparation station, vacuum filtered, and placed back into the amber glass containers to be shipped to Olin's laboratory. This procedure was followed by Olin personnel at each sampling station (monitoring well). Note: The samples for purgeable organic compounds were not filtered.

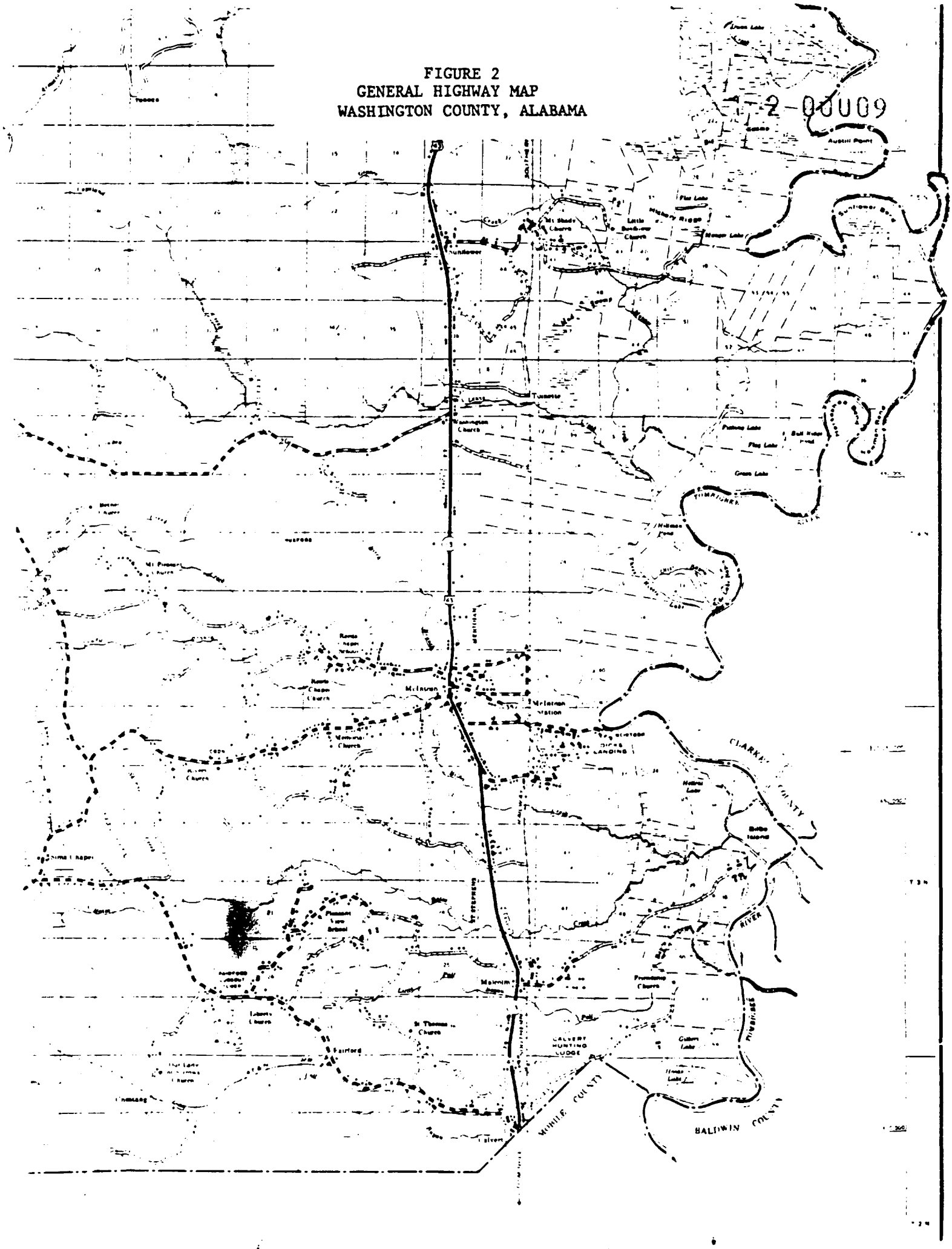
The US-EPA portion of the split samples were pumped directly into their perspective containers. Once collected the US-EPA split samples were handled by US-EPA personnel via standard operating and chain-of-custody procedures (4).

Samples Collected by US-EPA Personnel

All sample preservation and chain-of-custody procedures used during this investigation were in accordance with the standard operating procedures specified in the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); United States Environmental Protection Agency, Region IV, Environmental Services Division, August 29, 1980. All samples collected by US-EPA personnel were collected using the procedures as outlined in this document.

All laboratory analyses and quality assurance procedures were in accordance with standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual, United States Environmental Protection Agency, Region IV, Environmental Services Division, April 1982, or as specified by the existing United States Environmental Protection Agency standard procedures and protocols for the contract analytical laboratory program.

FIGURE 2
GENERAL HIGHWAY MAP
WASHINGTON COUNTY, ALABAMA



1-2-00009

FIGURE 3

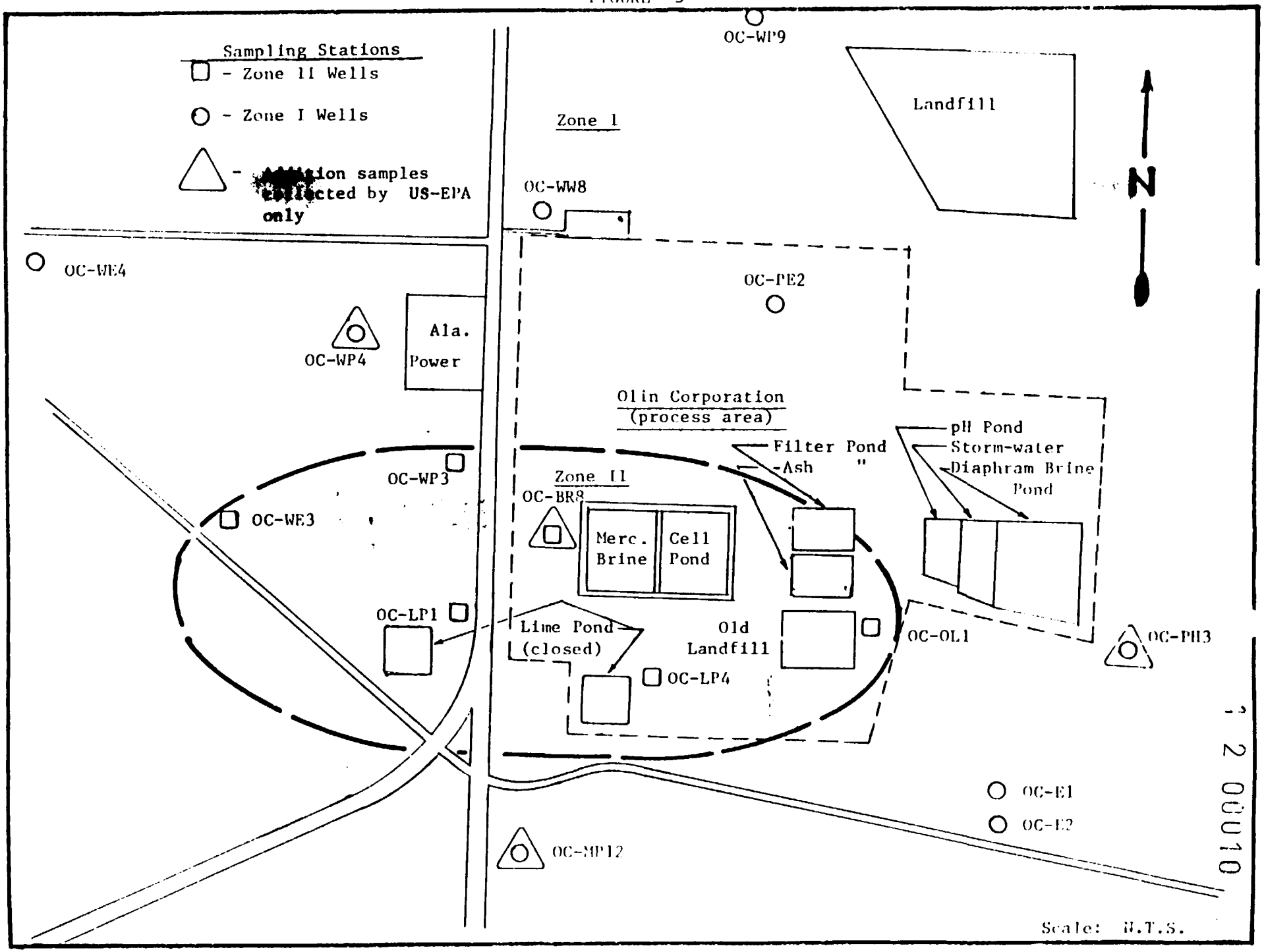


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TABLE 1
CYANIDE AND METALS DETECTED (ug/l)
GROUNDWATER MONITORING WELLS
OLIN AND CIBA GEIGY CORPORATIONS
MCINTOSH, ALABAMA
AUGUST 1982

	OLIN ZONE I WELLS											
	OC-E1	OC-E2	OC-MP12	OC-MP12D	OC-WP4	OC-WP4D	OC-WW8	OC-WP9	OC-PE2	OC-PE3	[illegible]	[illegible]
Chromium	17	—	36	52	58	27	—	16	—	—	14	—
Lead	48	88	88	100	100	100	59	100	69	97	250	61
Zinc	30	32	—	81	85	120	—	28	14	36	310	—
Aluminum	3,000	680	5,600	8,300	15,000	8,500	—	5,700	680	4,000	17,000	300
Manganese	35	23	76	220	140	86	21	96	67	—	88	22
Calcium	—	—	—	—	—	—	—	—	—	—	—	—
Iron	1,600	1,400	3,700	6,900	39,000	23,000	1,500	9,000	1,500	2,000	52,000	320
Magnesium	—	—	—	—	—	—	—	—	—	—	—	—
Cadmium	—	—	5	6	—	—	—	—	—	—	—	—
Sodium	—	—	—	—	—	—	—	—	—	—	—	—
Beryllium	—	—	—	10	—	—	—	—	—	—	—	—
Arsenic	—	—	—	—	—	—	—	—	—	—	60	—
Barium	—	—	—	—	—	—	—	150	280	—	540	—
Cobalt	—	—	—	—	—	—	—	—	—	—	—	—
Copper	—	—	—	—	—	—	—	—	—	—	—	—
Nickel	—	—	—	—	60	—	—	—	—	130	90	—
Mercury	—	—	—	—	—	—	—	—	—	—	0.33	—
Tin	—	—	—	—	—	—	—	—	—	—	35	—
Selenium	—	—	—	—	—	—	—	—	—	—	—	—
Silver	—	—	—	—	—	—	—	—	—	—	—	—
Strontium	—	—	—	—	—	—	—	—	—	—	—	—
Titanium	—	—	—	—	—	—	—	—	—	—	—	—
Yttrium	—	—	—	—	—	—	—	—	—	—	—	—
Cyanide	—	—	—	—	—	—	—	—	—	—	—	—

	OLIN ZONE II WELLS							CIBA GEIGY
	OC-WE3	OC-LP1	OC-BR8	OC-BR8D	OC-WP3	OC-LP4	OC-OL1	CG-[illegible]1
Chromium	—	290	—	—	43	—	120	—
Lead	90	220	350	380	760	64	130	—
Zinc	450	950	680	890	690	230	430	22
Aluminum	3,500	61,000	120,000	120,000	32,000	7,700	220,000	170
Manganese	820	2,500	1,600	1,600	2,300	2,100	1,000	170
Calcium	—	—	—	—	—	—	—	2,900
Iron	1,700	60,000	370	8,300	9,000	5,700	68,000	70
Magnesium	—	—	—	—	—	—	—	1,800
Cadmium	12	10	20	25	170	—	7	—
Sodium	—	—	—	—	—	—	—	6,200
Beryllium	22	—	38	45	62	12	—	—
Arsenic	—	43	37	34	—	—	40	—
Barium	250	600	130	180	—	—	—	98
Cobalt	180	360	450	580	860	380	—	16
Copper	120	88	62	77	86	—	320	5
Nickel	220	180	290	340	820	110	160	9
Mercury	0.31	0.6	11	10	5.4	4.7	7.6	1.0
Tin	22	—	280	130	7,600	—	79	—
Selenium	—	—	—	3	4	—	—	—
Silver	—	—	—	—	48	—	—	—
Strontium	—	—	—	—	—	—	—	[illegible]
Titanium	—	—	—	—	—	—	—	[illegible]
Yttrium	—	—	—	—	—	—	—	[illegible]
Cyanide	—	—	—	—	—	—	—	[illegible]

FOOTNOTES: (—) - A dash in the table indicates that the compound/element was analyzed for but was not detected at or above the minimum quantifiable limit (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (Appendix A) for exact values.

TABLE 2
ORGANIC COMPOUNDS DETECTED (ug/l)
GROUNDWATER MONITORING WELLS
OLIN AND CIBA GEIGY CORPORATIONS
MCINTOSH, ALABAMA
AUGUST 1982

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	OLIN ZONE I WELLS										
	OC-E1	OC-E2	OC-MP12	OC-MP12D	OC-WP4	OC-WP4D	OC-WP8	OC-WP9	OC-PE2	OC-PH3	OC-PH3D
Extractable Organics											
1,4-Dichlorobenzene	—	<10	<10	—	19	—	—	—	—	—	—
Phenol	—	14J	—	20J	—	—	—	—	—	—	—
Di-n-butylphthalate	—	—	60	—	—	—	—	—	—	—	—
Bis (2-ethylhexyl) phthalate	—	—	11	—	—	<10	—	—	—	<10	<10
Di-n-octylphthalate	—	—	<10	—	—	—	—	—	—	—	—
2,4-Dichlorophenol	—	—	—	—	—	—	—	—	—	—	—
1,3-Dichlorobenzene	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichlorobenzene	—	—	—	—	18	—	—	—	—	—	—
1,2,4-Trichlorobenzene	—	—	—	—	—	—	—	—	—	—	—
Hexachlorobenzene (HCB)	—	—	—	—	—	—	—	—	—	—	—
2-Chlorophenol	—	—	—	—	—	—	—	—	—	—	—
Naphthalene	—	—	—	—	—	—	—	—	—	—	—
Acenaphthene	—	—	—	—	—	—	—	—	—	—	—
Fluorene	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	—	—	—	—	—	—	—	—	—	—	—
Anthracene	—	—	—	—	—	—	—	—	—	—	—
Fluoranthene	—	—	—	—	—	—	—	—	—	—	—
Pesticides/PCB's											
Alpha-BHC	—	—	—	—	—	—	—	—	—	—	—
Beta-BHC	—	—	—	—	—	—	—	—	—	—	—
Gamma-BHC (lindane)	—	—	—	—	—	—	—	—	—	0.2	—
Delta (BHC)	—	—	—	—	—	—	—	—	—	—	—
Purgeable Organics											
1,1-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—
1,1-Dichloroethane	—	—	—	—	—	—	—	—	<10	—	—
Trans-1,2-Dichloroethene	—	—	—	—	—	—	—	—	—	—	—
Chloroform	<10	<10	—	—	<10	<10	—	<10	<10	<10	<10
1,1,1-Trichloroethane	—	—	—	—	—	—	—	—	<10	—	—
Carbon tetrachloride	—	—	—	—	—	—	—	17	<10	—	—
Bromodichloromethane	—	—	—	—	—	—	—	—	—	—	—
Trichloroethene	—	—	—	—	—	—	—	—	—	—	—
Benzene	—	—	—	—	—	—	—	—	—	—	—
Tetrachloroethene	—	—	—	—	—	—	—	—	—	—	—
Chlorobenzene	<10	—	—	—	15	—	13	—	<10	<10	—
Acrylonitrile	<100	—	—	—	—	—	<100	<100	—	<100	—
Toluene	23	—	—	—	—	—	—	—	—	—	—
Ethyl Benzene	<10	—	—	—	—	<10	—	<10	—	<10	—
Methylene Chloride	—	—	—	39	—	—	—	—	—	—	—
Bromoform	—	—	—	—	—	—	—	—	—	—	—
Dibromochloromethane	—	—	—	—	—	—	—	—	—	—	—
1,2-Dichloroethane	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous Analysis											
Propazine	—	—	—	—	—	—	—	—	—	—	—
Prometryn	—	—	—	—	—	—	—	—	—	—	—
Chlorocyclohexane	N	—	—	—	—	—	—	—	—	—	—
Bicyclohexyl	—	N	N	—	—	N	—	N	—	—	—
Petroleum Product	—	—	—	N	—	—	—	—	—	—	—
Tetrachlorobenzene	—	—	—	—	—	—	—	—	—	—	—
Pentachlorobenzene	—	—	—	—	—	—	—	—	—	—	—
Trichlorobenzene (Not 1,2,4)	—	—	—	—	—	—	—	—	—	—	—
Fluorobiphenyl	—	—	—	—	—	—	—	—	—	—	—
Pentachloronitrobenzene	—	—	—	—	—	—	—	—	—	—	—
Bromobenzene	—	—	—	—	—	—	—	—	—	—	—
Thiobishenzene	—	—	—	—	—	—	—	—	—	—	—
Trichloropropane	—	—	—	—	—	—	—	—	—	—	—
Dichlorocyclohexane	—	—	—	—	—	—	—	—	—	—	—
Unidentified compound(s)	—	3	1	2	2	—	1	1	3	2	—

FOOTNOTES: (—) - A dash in the table indicates that the compound/element was analyzed for but was not detected at or above the minimum quantifiable limit (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (Appendix A) for exact values.
(<) - Less than MQL.
J - Estimated value.
N - Presumptive evidence of presence of material.

TABLE 2 (CONTINUED)

	ZONE I WELL	OLIN ZONE II WELLS							CIBA GEIGY
	OC-WE4	OC-WE3	OC-LP1	OC-BR8	OC-BR8D	OC-WP3	OC-LP4	OC-OL1	OC-[illegible]
Extractable Organics									
1,4-Dichlorobenzene	—	430	—	91	130	<10	6,600	160	--
Phenol	—	—	—	—	—	—	21J	<25	—
Di-n-butylphthalate	—	<10	—	250	—	<10	—	<10	—
Bis (2-ethylhexyl) phthalate	—	<10	<10	<10	<10	<10	26	<10	—
Di-n-octylphthalate	—	—	—	<10	<10	—	—	—	--
2,4-Dichlorophenol	—	—	13J	—	—	—	87	<25	—
1,3-Dichlorobenzene	—	<10	—	—	<10	—	350	10	—
1,2-Dichlorobenzene	—	180	—	75	110	<10	5,800	250	—
1,2,4-Trichlorobenzene	—	24	—	—	—	—	790	120	1.2J
Hexachlorobenzene (HCB)	—	—	—	—	—	—	12	36	—
2-Chlorophenol	—	—	—	—	—	—	120	<25	—
Naphthalene	—	—	—	—	—	—	--	200	—
Acenaphthene	—	—	—	—	—	—	—	11	—
Fluorene	—	—	—	—	—	—	—	<10	—
Phenanthrene	—	—	—	—	—	—	—	10J	—
Anthracene	—	—	—	—	—	—	—	10J	—
Fluoranthene	—	—	—	—	—	—	—	<10	—
Pesticides/PCB's									
Alpha-BHC	—	1.8N	—	0.8	3.2	—	50	—	2.3
Beta-BHC	—	—	1.9	—	—	—	--	65	—
Gamma-BHC (lindane)	—	2.5N	0.7N	2.4	5.0N	—	50	37	4.2
Delta (BHC)	—	0.2	0.5	0.2N	1.3N	—	<5	6.5	3.9
Purgeable Organics									
1,1-Dichloroethene	—	—	—	—	<10	<10	<10	<10	—
1,1-Dichloroethane	—	—	—	<10	<10	<10	<10	—	—
Trans-1,2-Dichloroethene	—	—	—	—	—	<10	—	—	—
Chloroform	—	320	130J	470	420	130	250	16,000	1J
1,1,1-Trichloroethane	—	—	—	—	—	—	<10	18	—
Carbon tetrachloride	—	<10	10J	<10	<10	—	<10	<10	—
Bromodichloromethane	—	<10	10J	<10	<10	<10	<10	<10	—
Trichloroethene	—	<10	—	<10	—	<10	<10	<10	—
Benzene	—	52	26	11	—	—	450	190	—
Tetrachloroethene	—	<10	—	—	<10	<10	<10	<10	—
Chlorobenzene	<10	580	480	49	42	<10	8,600	160	3J
Acrylonitrile	<100	—	—	—	—	—	—	—	--
Toluene	—	—	—	—	—	—	—	—	—
Ethyl Benzene	—	—	—	<10	—	—	—	—	—
Methylene Chloride	—	—	—	—	—	—	—	200	—
Bromoform	—	<10	—	—	—	—	—	—	—
Dibromochloromethane	—	—	—	<10	<10	<10	—	—	—
1,2-Dichloroethane	—	—	—	—	—	—	—	<10	—
Miscellaneous Analysis									
Propazine	—	—	—	—	—	—	—	--	10JN
Prometryn	—	—	—	—	—	—	—	—	10JN
Chlorocyclohexane	—	—	—	—	—	—	—	--	—
Bicyclohexyl	—	—	—	—	—	—	—	--	—
Petroleum Product	—	—	—	—	N	—	—	N	--
Tetrachlorobenzene	—	N	—	—	N	—	N	N	—
Pentachlorobenzene	—	—	—	N	N	—	N	N	—
Trichlorobenzene (Not 1,2,4)	—	—	—	—	N	—	N	N	—
Fluorobiphenyl	—	—	—	—	N	—	N	--	—
Pentachloronitrobenzene	—	—	—	—	—	—	N	—	—
Bromobenzene	—	—	—	—	—	—	N	—	—
Thiobisbenzene	—	—	—	—	—	—	—	N	—
Trichloropropane	—	—	—	—	—	—	—	N	—
Dichlorocyclohexane	—	—	—	—	—	—	—	N	—
Unidentified compound(s)	4	2	2	4	4	2	2	4	—

NOTES: (—) - A dash in the table indicates that the compound/element was analyzed for but was not detected at or above the minimum quantitable limit (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (Appendix A) for exact values.
(<) - Less than MQL.
J - Estimated value.
N - Presumptive evidence of presence of material.

TABLE 3
SUPERFUND NOTIFICATION OF ON-SITE HAZARDOUS MATERIALS
OLIN CORPORATION
MCINTOSH, ALABAMA
JUNE 1981

Well Olin	Mercury (RCRA No. D009)	Hexachlorobenzene (RCRA No. U127)	Chlorobenzene (RCRA No. D037)	1,2-Dichlorobenzene (RCRA No. U070)	1,3-Dichlorobenzene (RCRA No. U071)	Pentachloronitrobenzene (RCRA No. U185)
OC-EL1	--	--	<10	--	--	--
OC-EL2	--	--	--	--	--	--
OC-MP12	--	--	--	--	--	--
OC-MP12D	--	--	--	--	--	--
OC-LP1	0.6	--	480	--	--	--
OC-WE4	--	--	<10	--	--	--
OC-WW8	--	--	13	--	--	--
OC-WP9	--	--	--	--	--	--
OC-PH2	--	--	<10	--	--	--
OC-PH3	--	--	<10	--	--	--
OC-PH3D	0.33	--	--	--	--	--
OC-WE3	0.31	--	580	180	<10	--
OC-WP4	--	--	15	18	--	---
OC-WP4D	--	--	--	--	--	--
OC-BR8	11	--	49	75	--	--
OC-BR8D	10	--	42	110	<10	--
OC-UP3	5.4	--	<10	<10	--	--
OC-LP4	4.7	12	8,800	5,800	350	N
OC-OL1	7.6	36	160	250	10	--
Ciba-Geigy						
CG-001	1.0	--	3J	--	--	--

Notes: 1. The compounds listed on this table are those that Olin Corporation had included in written response (US-EPA Form 8900-1) to EPA as required by Section (C) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA; Superfund). Each compound is listed under Section 3001 of the Resources Conservation and Recovery Act (RCRA). Not included on the table is RCRA Number K085 (distillation or fractionation column bottoms from the production of chlorobenzenes) which includes dichlorobenzenes through hexachlorobenzenes, benzyl chloride, benzene, and monochlorobenzene. See the attached tables and data sheets for a complete list of chlorinated benzene compounds and other organic compounds detected.

2. J -- Estimated value.

3. N -- Presumptive evidence of presence of material.

TABLE 4
FIELD MEASUREMENTS/SAMPLE METHODOLOGY
GROUNDWATER MONITORING WELLS
OLIN CORPORATION
MCINTOSH, ALABAMA
AUGUST 1982

Well	Sample Date/Time	pH*	Temperature* (°C)	Conductivity* (umhos/cm)	Sample Methodology
Olin Corporation					
OC-E1	8/2/82 1545	7.4	22	360	Split[1]
OC-E2	8/2/82 1645	7.3	27	80	Split[1]
OC-MP12	8/3/82 1140	7.5	26	280	Split[1]
(OC-MP12D)	8/3/82 1215				Additional sample from well OC-MP12 (US-EPA only)[2]
OC-LP1	8/3/82 1445	7.0	26	2,100	Split[1]
OC-WE4	8/3/82 1620	4.1	--	43	Split[1]
OC-WW8	8/4/82 0835	5.5	21	370	Split[1]
OC-WP9	8/4/82 1000	5.0	21	70	Split[1]
OC-PE2	8/4/82 1220	4.5	23	130	Split[1]
OC-PH3	8/4/82 1100	4.0	22	90	Split[1]
(OC-PH3D)	8/4/82 1130				Additional sample from well OC-PH3 (US-EPA only)[2]
OC-WE3	8/4/82 1345	3.7	23	4,900	Split[1]
OC-WP4	8/5/82 1010	6.4	23	150	Split[1]
(OC-WP4D)	8/5/82 1040				Additional sample from well OC-WP4 (US-EPA only)[2]
OC-BR8	8/5/82 0930	6.7	29	1,400	Split[1]
(OC-BR8D)	8/5/82 0950				Additional sample from well OC-BR8 (US-EPA only)[2]
OC-WP3	8/5/82 1340	4.8	--	1,650	Split[1]
OC-LP4	8/5/82 1500	6.0	--	800	Split[3]
OC-OL1	8/5/82 1550	2.6	25	4,100	Sample collected by US-EPA only
Ciba-Geigy					
CG-001	8/2/82 1100	7.1	--	--	Sample collected by US-EPA -- Split between Ciba-Geigy and US-EPA

Footnotes:

-- Not available.
* Measurements made by US-EPA personnel using US-EPA equipment.
1. Well evacuated by Olin personnel via bladder pump; sample split between Olin and US-EPA.
2. The bladder pump used by Olin Corporation to collect monitoring well samples did not comply with US-EPA sampling protocol. Therefore, an additional sample from the same well was collected by US-EPA personnel, via stainless steel bailer, for analytical comparison between the two methods (see reference 4).
3. Sample collected by US-EPA personnel via US-EPA stainless steel bailer; sample split between Olin and US-EPA.

TABLE 5
WELL DATA *
GROUNDWATER MONITORING WELLS
OLIN CORPORATION
MCINTOSH, ALABAMA
AUGUST 1982

Well	Elevation (ft.) T. of Casing (MSL)	Elevation (ft.) Ground (Approx.)	Well Depth (ft.) T. of Casing	Water Table Depth (ft.) T. of Casing
OC-E1	48.39	46	85	35.5
OC-E2	48.46	47	50	35.3
OC-MP12	52.45	51	72	43.0
OC-LP1	47.65	46	39.7	36.4
OC-WE4	51.38	48	52.5	48.1
OC-WW8		43	340	
OC-WP9	47.44	45	49.8	31.2
OC-PE2	46.71	43	40.3	33.3
OC-PH3	36.15	33	30.8	24.8
OC-WE3	55.73	52	52.6	50.7
OC-WP4	54.61	52	70.3	44.2
OC-BR8	49.48	46	53.1	37.5
OC-WP3	52.94	51	95	42.6
OC-LP4	50.69	46	41.7	38.4
OC-OL1	44.04	39	39.5	30.8

* Information supplied by Olin Corporation.

TABLE 6
EPA HEALTH ADVISORY LEVELS*

		Considers Acute Toxicity (Values in mg/l = ppm)			Considers Cancer Causing Agents
		1 Day	10 Days	1 Month	Life-time
1.	Trichloroethylene	2.02	0.20	0.075	0.0045
2.	1,4-Dioxane		0.02		
3.	Toluene	21.5	2.2	0.34	
4.	Methyl ethyl ketone	1.00	1.00		
5.	Ethylene glycol	1.00	0.10		
6.	1,1,1-Trichloroethane				1.00**
7.	Acrylonitrile		0.035	0.003	
8.	Isopropyl alcohol	1.00	1.00		
9.	Polychlorinated biphenyls			0.001	
10.	1,2-Dibromo-3-chloropropane				0.00001
11.	Tetrachloroethylene	2.30	0.175	0.020	0.0035
12.	Benzene		0.35		
13.	1,2-Trans-dichloroethylene***	2.7	0.27		

* - The term "health advisory level" has replaced the term SNARL (suggested no adverse response level). The criteria values (i.e., concentrations) have not changed but the name has been changed to better reflect the meaning of the criteria value.

** - Not due to carcinogenesis.

*** - Tentative values.

SOURCE: Telephone conversation between R. J. Bruner III, U. S. Environmental Protection Agency, Region IV, Environmental Services Division and Mark McClanahan, U. S. Environmental Protection Agency, Region IV, Water Division, Water Supply Branch on June 16, 1982.

TABLE 7

PRIMARY AND SECONDARY DRINKING WATER CRITERIA

INTERIM PRIMARY DRINKING WATER CRITERIA (1)

Parameter	Maximum Allowable Concentration
Arsenic	50 µg/l
Barium	1,000 µg/l
Cadmium	10 µg/l
Chromium	50 µg/l
Fluoride	1.4 - 2.4 mg/l
Lead	50 µg/l
Mercury	2 µg/l
Nitrate (as N)	10 mg/l
Selenium	10 µg/l
Silver	50 µg/l
Endrin	0.2 µg/l
Lindane	4 µg/l
Methoxychlor	100 µg/l
Toxaphene	5 µg/l
2,4-D	100 µg/l
2,4,5-TP (Silvex)	10 µg/l
Radium	5 pCi/l
Gross Alpha	15 pCi/l
Gross Beta	4 millirem/yr.
Turbidity*	1/TU
Coliform Bacteria	1/100 ml

*Surface water sources only.

SECONDARY DRINKING WATER CRITERIA (2)

Parameter	Maximum Allowable Concentration
Chloride	250 mg/l
Color	15 color units
Copper	1 mg/l
Corrosivity	Noncorrosive
Foaming Agents	0.5 mg/l
Iron	0.3 mg/l
Manganese	50 µg/l
Odor	3 threshold odor number
pH	6.5 - 8.5
Sulfate	250 mg/l
Total Dissolved Oxygen	500 mg/l
Zinc	5,000 µg/l

REFERENCE

1. National Interim Primary Drinking Water Regulations (EPA-570/9-76-003); U. S. Environmental Protection Agency, Office of Drinking Water, December 24,1975.

2. National Secondary Drinking Water Regulations, Federal Register, 40 CFR Part 143, July 19, 1979.

APPENDIX A

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

11/09/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2206 SAMPLE TYPE: DRKWA

PROJECT NO.: 82-167 PROGRAM ELEMENT: NSF
SOURCE: CIBA GEIGY
CITY: MCINTOSH [redacted]AL

STATION I.D.: 1 FACILITY'S DRI[redacted] WATER (COLLECTED AT WELL)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 1100
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM: J KOPOTIC
SAMPLE REC'D: DATE,/TIME 08/09/82 1053 REC'D BY: T BENNETT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: EWL

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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E 10JN PROPAZINE
E 10JN PROMETRYN

DATE:08/25/82

PURGABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REGION 4, ATHENS,GA.

PROJECT #: 82-167 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SOURCE: CIBA GEIGY

SAMPLE TYPE: DRKWA

SAMPLE START(DATE & TIME):08/02/82 1100

CITY: MCINTOSH STATE: AL

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

SAD NO.: 82C2206

CHEMIST: FAM METHOD: 624-81

RESULTS: UG/L	COMPOUND	STORET
NA	DICHLORODIFLUOROMETHANE	34668
NA	TRICHLOROFLUOROMETHANE	34488
NA	ACROLEIN	34210
NA	ACRYLONITRILE	34215
5U	CHLOROMETHANE	34418
5U	BROMOMETHANE	34413
5U	VINYL CHLORIDE	39175
5U	CHLOROETHANE	34311
5U	METHYLENE CHLORIDE	34423
5U	1,1-DICHLOROETHENE	34501
5U	1,1-DICHLOROETHANE	34496
5U	TRANS-1,2-DICHLOROETHENE	34546
1J	CHLOROFORM	32106
5U	1,2-DICHLOROETHANE	32103
5U	1,1,1-TRICHLOROETHANE	34506
5U	CARBON TETRACHLORIDE	32102
5U	BROMODICHLOROMETHANE	32101
5U	1,2-DICHLOROPROPANE	34541
5U	TRANS-1,3-DICHLOROPROPENE	34699
5U	TRICHLOROETHENE	39180
5U	BENZENE	34030
5U	DIBROMOCHLOROMETHANE	34306
5U	1,1,2-TRICHLOROETHANE	34511
5U	CIS-1,3-DICHLOROPROPENE	34704
5U	2-CHLOROETHYLVINYL ETHER	34576
5U	BROMOFORM	32104
5U	1,1,2,2-TETRACHLOROETHANE	34516
5U	TETRACHLOROETHENE	34475
5U	TOLUENE	34010
3J	CHLOROBENZENE	34301
5U	ETHYL BENZENE	34371
5U	M-XYLENE	
5U	O&P-XYLENE(MIXED)	

DATA VERIFIED BY: FAM

NOTES:
1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES

DATE:09/20/82

INORGANICS
DATA REPORTING SHEET
WATER

EPA-ESD.RGN.IV
ATHENS.GA

PROJECT #: 82-167 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SOURCE: CIBA GEIGY

SAMPLE TYPE: DRKWA

SAMPLE START(DATE & TIME):08/02/82 1100

CITY: MCINTOSH STATE: AL

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

SAD NO.: 82C2206

CHEMIST: RPL CHEMIST:

RESULTS	UNITS	ELEMENT	STORET	METHOD
0.002K	MG/L	CYANIDE	00720	

NOTES:
1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES

DATA VERIFIED BY: RPL

VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV

2 00022

DATE:09/20/82

PESTICIDES/PCBS AND OTHER COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REGION 4, ATHENS, GA

PROJECT #: 82-167 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SOURCE: CIBA GEIGY

SAMPLE TYPE: DRKWA

SAMPLE START(DATE & TIME):08/02/82 1100

CITY: MCINTOSH STATE: AL

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

SAD NO.: 82C2206

CHEMIST: SJH METHOD:

RESULTS: UG/L	COMPOUND	STORET
3U	ALDRIN	39330
3U	HEPTACHLOR	39410
0.01U	HEPTACHLOR EPOXIDE	39420
2.3	ALPHA-BHC	39337
2U	BETA-BHC	39338
4.2	GAMMA-BHC (LINDANE)	39340
3.9	DELTA-BHC	34259
0.01U	ENDOSULFAN I (ALPHA)	34361
0.01U	DIELDRIN	39380
0.04U	4,4'-DDT (P,P'-DDT)	39300
0.04U	4,4'-DDE (P,P'-DDE)	39320
0.04U	4,4'-DDD (P,P'-DDD)	39310
0.04U	ENDRIN	39390
0.04U	ENDOSULFAN II (BETA)	34356
0.20U	ENDOSULFAN SULFATE	34351
0.09U	CHLORDANE (TECH. MIXTURE) /10	39350
10U	PCB-1242 (AROCLOR 1242)	39496
0.40U	PCB-1254 (AROCLOR 1254)	39504
10U	PCB-1221 (AROCLOR 1221)	39488
10U	PCB-1232 (AROCLOR 1232)	39492
10U	PCB-1248 (AROCLOR 1248)	39500
0.40U	PCB-1260 (AROCLOR 1260)	39508
10U	PCB-1016 (AROCLOR 1016)	34671
0.8U	TOXAPHENE	39400
0.2U	ENDRIN ALDEHYDE	34366
NA	TCDD(DIOXIN)	34675
--	CHLORDENE /9	77884
--	ALPHA-CHLORDENE /9	
--	GAMMA-CHLORDENE /9	
--	1-HYDROXYCHLORDENE	
--	GAMMA-CHLORDANE /9	39810
--	TRANS-NONACHLOR /9	39071
--	ALPHA-CHLORDANE /9	39348
--	CIS-NONACHLOR /9	39068
NA	METHOXYCHLOR	39480
NA	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
NA	HEXACHLORONORBORNADIENE (HCNBD)	

RESULTS: UG/L	COMPOUND	STORET
NA	HEPTACHLORONORBORNENE (HCNB)	
NA	OCTACHLOROCYCLOPENTENE (OCCP)	39130
NA	HEXACHLOROBENZENE (HCB)	[illegible]
NA	2,4-D	[illegible]
NA	SILVEX (2,4,5-TP)	[illegible]
NA	2,4,5-T	39740

DATA VERIFIED BY: SJH

NOTES:
1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES
9) CONSTITUENTS OF TECHNICAL CHLORDANE
10) WHEN NO VALUE IS REPORTED,SEE CHLORDANE CONSTITUENTS BELOW

DATE:08/27/82

METALS
DATA REPORTING SHEET
WATER

EPA-ESD,RGN.IV
ATHENS,GA

PROJECT #: 82-167 PROG ELEMENT #: NSF

SAMPLE RECEIVED(DATE & TIME): 08/09/82 1053

SOURCE: CIBA GEIGY

SAMPLE TYPE: DRKWA

SAMPLE START(DATE & TIME):08/02/82 1100

CITY: MCINTOSH STATE: AL

SAMPLE STOP(DATE & TIME): 00/00/00 0

STATION: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)

SAD NO.: 82C2206

CHEMIST: WHM METHOD:

RESULTS	UNITS	ELEMENT	STORET
2.5U	UG/L	SILVER	01077
15U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
98	UG/L	BARIUM	01007
2.5U	UG/L	BERYLLIUM	01012
2.5U	UG/L	CADMIUM	01027
16	UG/L	COBALT	01037
20U	UG/L	CHROMIUM	01034
5	UG/L	COPPER	01042
5U	UG/L	MOLYBDENUM	01062
9	UG/L	NICKEL	01067
12U	UG/L	LEAD	01051
6U	UG/L	ANTIMONY	01097
5U	UG/L	SELENIUM	01147
25U	UG/L	TIN	01102
23	UG/L	STRONTIUM	01082
10U	UG/L	TELLURIUM	01064
5	UG/L	TITANIUM	01152
25U	UG/L	THALLIUM	01059
2.5U	UG/L	VANADIUM	01087
3	UG/L	YTTRIUM	01203
22	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
1.0	UG/L	MERCURY	71900
170	UG/L	ALUMINUM	01105
170	UG/L	MANGANESE	01055
2.9	MG/L	CALCIUM	00916
1.8	MG/L	MAGNESIUM	00927
0.07	MG/L	IRON	74010
6.2	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

DATA VERIFIED BY: MAW

NOTES:
1) J-ESTIMATED VALUE
2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
6) A-AVERAGE VALUE
7) NA-NOT ANALYZED
8) NAI-INTERFERENCES

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2206 SAMPLE TYPE: DRNWA

PROJECT NO.: 82-167 PR[redacted]EMENT: NSF
SOURCE: CIBA GEIGY
CITY: MCINTOSH [redacted] AL

STATION I.D.: 1 FACILITY'S DRINKING WATER (COLLECTED AT WELL)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 1100
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM: J KOPOTIC
SAMPLE REC'D: DATE/TIME 08/09/82 1053 REC'D BY: T BENNETT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD: 625-81

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: DGR

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
NA	UG/L	BENZIDINE	39120
10U	UG/L	1,3-DICHLOROBENZENE	34566
10U	UG/L	1,4-DICHLOROBENZENE	34571
10U	UG/L	1,2-DICHLOROBENZENE	34536
10U	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
10U	UG/L	HEXACHLOROETHANE	34396
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
10U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
10U	UG/L	NITROBENZENE	34447
10U	UG/L	HEXACHLOROBUTADIENE	39702
1.2J	UG/L	1,2,4-TRICHLOROBENZENE	34551
10U	UG/L	NAPHTHALENE	34696
10U	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
10U	UG/L	ISOPHORONE	34408
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
10U	UG/L	2-CHLORONAPHTHALENE	34581
10U	UG/L	ACENAPHTHYLENE	34200
10U	UG/L	ACENAPHTHENE	34205
10U	UG/L	DIMETHYL PHTHALATE	34341
10U	UG/L	2,4-DINITROTOLUENE	34611
10U	UG/L	2,6-DINITROTOLUENE	34626
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
10U	UG/L	FLUORENE	34381
10U	UG/L	DIETHYL PHTHALATE	34336
10U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
10U	UG/L	HEXACHLOROBENZENE (HCB)	39700
10U	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
10U	UG/L	PHENANTHRENE	34461
10U	UG/L	ANTHRACENE	34220
10U	UG/L	DI-N-BUTYLPHTHALATE	39110
10U	UG/L	FLUORANTHENE	34376
10U	UG/L	PYRENE	34469
10U	UG/L	BENZYL BUTYL PHTHALATE	34292
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
10U	UG/L	BENZO(A)ANTHRACENE	34526
10U	UG/L	CHRYSENE	34320
10U	UG/L	3,3'-DICHLOROBENZIDINE	34631
10U	UG/L	DI-N-OCTYLPHTHALATE	34596
10U	UG/L	BENZO(B)FLUORANTHENE	34230
10U	UG/L	BENZO(K)FLUORANTHENE	34242
10U	UG/L	BENZO-A-PYRENE	34247
10U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
10U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
10U	UG/L	BENZO(GHI)PERYLENE	34521
10U	UG/L	2-CHLOROPHENOL	34586
10U	UG/L	2-NITROPHENOL	34591
10U	UG/L	PHENOL	34694
10U	UG/L	2,4-DIMETHYLPHENOL	34606
10U	UG/L	2,4-DICHLOROPHENOL	34601
10U	UG/L	2,4,6-TRICHLOROPHENOL	34621
10U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
40U	UG/L	2,4-DINITROPHENOL	34616
30U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
30U	UG/L	PENTACHLOROPHENOL	39032
20U	UG/L	4-NITROPHENOL	34646

12 00025

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
*ATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]ENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH [redacted]

STATION I.D.: UC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1314
REMARK: INORG,ROCKY MTN LAB,MD9012

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
23	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

2-0047

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[illegible]MENT: NSF
SOURCE: OLIN CORP (CASE#1214[illegible]
CITY: MCINTOSH [illegible] AL

STATION I.D.: OC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1315
REMARK: INORG.ROCKY MTN LABS.MD9013

SAMPLE LOG VERIFIED BY: THH SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1.1-DICHLOROETHENE	34501
100	UG/L	1.1-DICHLOROETHANE	34496
100	UG/L	TRANS-1.2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1.2-DICHLOROETHANE	32103
100	UG/L	1.1.1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1.2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1.3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1.1.2-TRICHLOROETHANE	34511
100	UG/L	CIS-1.3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1.1.2.2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

12 00027

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,01316
REMARK: INORG,ROCKY MTN LAB,MD9014

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100U	UG/L	CHLOROETHANE	34311
100U	UG/L	METHYLENE CHLORIDE	34423
100U	UG/L	1,1-DICHLOROETHENE	34501
100U	UG/L	1,1-DICHLOROETHANE	34496
100U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100U	UG/L	CHLOROFORM	32106
100U	UG/L	1,2-DICHLOROETHANE	32103
100U	UG/L	1,1,1-TRICHLOROETHANE	34506
100U	UG/L	CARBON TETRACHLORIDE	32102
100U	UG/L	BROMODICHLOROMETHANE	32101
100U	UG/L	1,2-DICHLOROPROPANE	34541
100U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100U	UG/L	TRICHLOROETHENE	39180
100U	UG/L	BENZENE	34030
100U	UG/L	DIBROMOCHLOROMETHANE	34306
100U	UG/L	1,1,2-TRICHLOROETHANE	34511
100U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100U	UG/L	BROMOFORM	32104
100U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100U	UG/L	TETRACHLOROETHENE	34475
100U	UG/L	TOLUENE	34010
100U	UG/L	CHLOROBENZENE	34301
100U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: USF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-MP120
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01317
REMARK: INORG,ROCKY MTN LAB,MD9015

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS
>VOL AROMATICS QUANT SUSPECT-NO ACID PRESERVED SAMPLE REC'D

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
39	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1318
REMARK: INORG,ROCKY MTN LAB,MD9016

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS
VOL HALOCARBONS QUANT SUSPECT-UNPRESERVED SAMPLE BROKEN

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10U	UG/L	1,1-DICHLOROETHENE	34501
10U	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
130J	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10J	UG/L	CARBON TETRACHLORIDE	32102
10J	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10U	UG/L	TRICHLOROETHENE	39180
26	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10U	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
480	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

12 00030

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PROGR[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#1214)[redacted]
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JHM
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1319
REMARK: INORG.ROCKY MTN LAB.M09017

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: GSF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC**B
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1320
REMARK: INORG,ROCKY MTN LAB,MD9018

SAMPLE LOG VERIFIED BY: TBM SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
100	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
13	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#1214[redacted]
CITY: MCINTOSH [redacted]AL

STATION I.D.: OCMP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1321
REMARK: INORG.ROCKY MTN LAB.MD9019

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
17	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1322
REMARK: INORG.ROCKY MTN LAB.MD9020

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10U	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10K	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
10U	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10U	UG/L	TRICHLOROETHENE	39180
10U	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10U	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

[redacted]

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#1214[redacted]
CITY: MCINTOSH STA[redacted]AL

STATION I.D.: OCPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.S3.01323
REMARK: INORG.ROCKY MTN LAB.MD9021

SAMPLE LOG VERIFIED BY: TBH SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10U	UG/L	1,1-DICHLOROETHENE	34501
10U	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10U	UG/L	CARBON TETRACHLORIDE	32102
10U	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10U	UG/L	TRICHLOROETHENE	39180
10U	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10U	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROJ[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#1214 [redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: UC-PH3D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1324
REMARK: INORG,ROCKY MTN LAB,MD#022

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MONWL

PROJECT NO.: M2-164 PROG[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.D1325
REMARK: INORG.ROCKY MTN LAB.MD9023

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
320	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	39180
52	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10K	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
580	UG/L	CHLOROBENZENE	34301
100	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#1214[redacted]
CITY: MCINTOSH [redacted]AL

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1326
REMARK: INORG,ROCKY MTN LAB,MD9024

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10U	UG/L	1,1-DICHLOROETHENE	34501
10U	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10U	UG/L	CARBON TETRACHLORIDE	32102
10U	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10U	UG/L	TRICHLOROETHENE	39180
10U	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10U	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
15	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OCWP40
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#12140RG,S3,01327
REMARK: INORG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
1000	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
100	UG/L	CHLOROETHANE	34311
100	UG/L	METHYLENE CHLORIDE	34423
100	UG/L	1,1-DICHLOROETHENE	34501
100	UG/L	1,1-DICHLOROETHANE	34496
100	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
100	UG/L	1,2-DICHLOROETHANE	32103
100	UG/L	1,1,1-TRICHLOROETHANE	34506
100	UG/L	CARBON TETRACHLORIDE	32102
100	UG/L	BROMODICHLOROMETHANE	32101
100	UG/L	1,2-DICHLOROPROPANE	34541
100	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
100	UG/L	TRICHLOROETHENE	39180
100	UG/L	BENZENE	34030
100	UG/L	DIBROMOCHLOROMETHANE	34306
100	UG/L	1,1,2-TRICHLOROETHANE	34511
100	UG/L	CIS-1,3-DICHLOROPROPENE	34704
100	UG/L	2-CHLOROETHYLVINYL ETHER	34576
100	UG/L	BROMOFORM	32104
100	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
100	UG/L	TETRACHLOROETHENE	34475
100	UG/L	TOLUENE	34010
100	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#1214[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-HR8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1328
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10U	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
47U	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	39180
11	UG/L	BENZENE	34030
10K	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10U	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
49	UG/L	CHLOROBENZENE	34301
10K	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

12/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: R2C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRA[redacted]NT: NSF
SOURCE: ULIN CORP (CASE#1214) [redacted]
CITY: MCINTOSH [redacted]

STATION I.D.: DCBR8D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSH:CASE#1214:ORG,S3,D1329
REMARK: INORG,ROCKY MTN LAB,MD9027

SAMPLE LOG VERIFIED BY: TBR SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
420	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10U	UG/L	TRICHLOROETHENE	39180
10U	UG/L	BENZENE	34030
10K	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
42	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

12/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRA[redacted]T: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH ST[redacted]

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,83,D1330
REMARK: INORG,ROCKY MTN LAB,MD9028

SAMPLE LOG VERIFIED BY: TRB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1-DICHLOROETHANE	34496
10K	UG/L	TRANS-1,2-DICHLOROETHENE	34546
130	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10U	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	[redacted]32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	39180
10U	UG/L	BENZENE	34030
10K	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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 DETECTION LIMIT.

12 00042

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

12/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGR[redacted]NT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1331
REMARK: INORG,ROCKY MTN LAB,MD9029

SAMPLE LOG VERIFIED BY: TRB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10U	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
10K	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
250	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10K	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	39180
450	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
8800	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

12/20/82

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]T: NSF
SOURCE: OLIN CORP (CASE#1214)[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR;CASE#1214;ORG,S3,D1332
REMARK: INORG,ROCKY MTN LAB,MD9030

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
200	UG/L	METHYLENE CHLORIDE	34423
10K	UG/L	1,1-DICHLOROETHENE	34501
10U	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
16000	UG/L	CHLOROFORM	32106
10K	UG/L	1,2-DICHLOROETHANE	32103
18	UG/L	1,1,1-TRICHLOROETHANE	34506
10K	UG/L	CARBON TETRACHLORIDE	32102
10K	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10K	UG/L	TRICHLOROETHENE	39180
190	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10K	UG/L	TETRACHLOROETHENE	34475
10U	UG/L	TOLUENE	34010
160	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

****

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 DETECTION LIMIT.

12 00044

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/20/82 PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2255 SAMPLE TYPE: BLKWA

PROJECT NO.: 82-164 PROG[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#1214[redacted]
CITY: MCINTOSH STATE: AL

STATION I.D.: VOA BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1334
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FRA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	ACROLEIN	34210
100K	UG/L	ACRYLONITRILE	34215
NA	UG/L	CHLOROMETHANE	34418
NA	UG/L	BROMOMETHANE	34413
NA	UG/L	VINYL CHLORIDE	39175
10U	UG/L	CHLOROETHANE	34311
10K	UG/L	METHYLENE CHLORIDE	34423
10U	UG/L	1,1-DICHLOROETHENE	34501
10U	UG/L	1,1-DICHLOROETHANE	34496
10U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
10K	UG/L	CHLOROFORM	32106
10U	UG/L	1,2-DICHLOROETHANE	32103
10U	UG/L	1,1,1-TRICHLOROETHANE	34506
10U	UG/L	CARBON TETRACHLORIDE	32102
10U	UG/L	BROMODICHLOROMETHANE	32101
10U	UG/L	1,2-DICHLOROPROPANE	34541
10U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
10U	UG/L	TRICHLOROETHENE	39180
10K	UG/L	BENZENE	34030
10U	UG/L	DIBROMOCHLOROMETHANE	34306
10U	UG/L	1,1,2-TRICHLOROETHANE	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
10U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
10U	UG/L	BROMOFORM	32104
10U	UG/L	1,1,2,2-TETRACHLOROETHANE	34516
10U	UG/L	TETRACHLOROETHENE	34475
10K	UG/L	TOLUENE	34010
10K	UG/L	CHLOROBENZENE	34301
10U	UG/L	ETHYL BENZENE	34371
--	UG/L	M-XYLENE	
--	UG/L	O&P-XYLENE(MIXED)	

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROG[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01332
REMARK: INORG.ROCKY MTN LAB.409030

SAMPLE LOG VERIFIED BY: TMH DATA VERIFIED BY: CHH

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
500	UG/L	BENZIDINE	39120
10	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
250	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
120	UG/L	1,2,4-TRICHLOROBENZENE	34551
200	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
11	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
10K	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
36	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
10J	UG/L	PHENANTHRENE	34461
10J	UG/L	ANTHRACENE	34220
10K	UG/L	DI-N-BUTYLPHTHALATE	39110
10K	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
10K	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
25K	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
25K	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
25K	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

2 0046

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/20/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: SCIENTOSH STATE: AL

STATION I.D.: OCL14
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01331
REMARK: INORG.ROCKY MTN LAB.409029

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: CHH

REMARKS

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
250	UG/L	1,3-DICHLOROBENZENE	34566
6600	UG/L	1,4-DICHLOROBENZENE	34571
5600	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
790	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
12	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
26	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
120	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
210	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
87	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

2 00047

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/28/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1330
REMARK: INORG,ROCKY MTN LAB,MD9028

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHM

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

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

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
10K	UG/L	1,4-DICHLOROBENZENE	34571
10K	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
10K	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
10K	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

VVVV

12 00048

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCR880
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.53.01329
REMARK: INORG.ROCKY MTN LAB.MD9027

SAMPLE LOG VERIFIED BY: TSM DATA VERIFIED BY: CHM

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
10K	UG/L	1,3-DICHLOROBENZENE	34566
130	UG/L	1,4-DICHLOROBENZENE	34571
110	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
10K	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
10K	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

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12 00049

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/26/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 52-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-BR6
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1328
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: TBM DATA VERIFIED BY: CHM

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON GC DATA

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
91	UG/L	1,4-DICHLOROBENZENE	34571
75	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
250	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
10K	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
10K	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00050

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/26/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: M2-104 PRO[redacted]ENT: USF
SOURCE: OLIN CORP (CASE#1214[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OCSP40
STORET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J ROPOTIC RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: DPS
ANALYTICAL METHOD: 1

REMARK: CONTRACT/MSR:CASE#1214:ORG,S3,01327
REMARK: INORG:ROCKY MTN LAB:MD9025

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CMM

REPORT

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00051

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/MASR:CASE#1214:ORG.53.01326
REMARK: INORG.ROCKY MTN LAB.MD9024

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
19	UG/L	1,4-DICHLOROBENZENE	34571
18	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 0005

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/29/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCAE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/MASK:CASE#1214;ORG.53.01325
REMARK: INORG.ROCKY MTN LAB.405023

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: CMH

REMARKS

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
10K	UG/L	1,3-DICHLOROBENZENE	34566
430	UG/L	1,4-DICHLOROBENZENE	34571
180	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
24	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
10K	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
10K	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00053

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD•REG IV
ATHENS GEORGIA

10/28/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-PH30
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG•53•01324
REMARK: INORG•ROCKY MTN LAB•MU9022

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CHM

REMARKS

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100U	UG/L	BENZIDINE	39120
100U	UG/L	1,3-DICHLOROBENZENE	34566
100U	UG/L	1,4-DICHLOROBENZENE	34571
100U	UG/L	1,2-DICHLOROBENZENE	34536
100U	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100U	UG/L	HEXACHLOROETHANE	34396
100U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100U	UG/L	NITROBENZENE	34447
100U	UG/L	HEXACHLOROBUTADIENE	39702
100U	UG/L	1,2,4-TRICHLOROBENZENE	34551
100U	UG/L	NAPHTHALENE	34696
100U	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100U	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100U	UG/L	2-CHLORONAPHTHALENE	34581
100U	UG/L	ACENAPHTHYLENE	34200
100U	UG/L	ACENAPHTHENE	34205
100U	UG/L	DIMETHYL PHTHALATE	34341
100U	UG/L	2,4-DINITROTOLUENE	34611
100U	UG/L	2,6-DINITROTOLUENE	34626
100U	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100U	UG/L	FLUORENE	34381
100U	UG/L	DIETHYL PHTHALATE	34336
100U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100U	UG/L	HEXACHLOROBENZENE (HCB)	39700
100U	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100U	UG/L	PHENANTHRENE	34461
100U	UG/L	ANTHRACENE	34220
100U	UG/L	DI-N-BUTYLPHTHALATE	39110
100U	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100U	UG/L	BENZYL BUTYL PHTHALATE	34292
10R	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100U	UG/L	BENZO(A)ANTHRACENE	34526
100U	UG/L	CHRYSENE	34320
100U	UG/L	3,3'-DICHLOROBENZIDINE	34631
100U	UG/L	DI-N-OCTYLPHTHALATE	34596
100U	UG/L	BENZO(B)FLUORANTHENE	34230
100U	UG/L	BENZO(K)FLUORANTHENE	34242
100U	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
250U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 0005.1

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/23/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPM3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORD.53.01323
REMARK: INORG.ROCKY MTN LAB.409021

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: CHH

REMARKS

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100U	UG/L	BENZIDINE	39120
100U	UG/L	1,3-DICHLOROBENZENE	34566
100U	UG/L	1,4-DICHLOROBENZENE	34571
100U	UG/L	1,2-DICHLOROBENZENE	34536
100U	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100U	UG/L	HEXACHLOROETHANE	34396
100U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100U	UG/L	NITROBENZENE	34447
100U	UG/L	HEXACHLOROBUTADIENE	39702
100U	UG/L	1,2,4-TRICHLOROBENZENE	34551
100U	UG/L	NAPHTHALENE	34696
100U	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100U	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100U	UG/L	2-CHLORONAPHTHALENE	34581
100U	UG/L	ACENAPHTHYLENE	34200
100U	UG/L	ACENAPHTHENE	34205
100U	UG/L	DIMETHYL PHTHALATE	34341
100U	UG/L	2,4-DINITROTOLUENE	34611
100U	UG/L	2,6-DINITROTOLUENE	34626
100U	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100U	UG/L	FLUORENE	34381
100U	UG/L	DIETHYL PHTHALATE	34336
100U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100U	UG/L	HEXACHLOROBENZENE (HCB)	39700
100U	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100U	UG/L	PHENANTHRENE	34461
100U	UG/L	ANTHRACENE	34220
100U	UG/L	DI-N-BUTYLPHTHALATE	39110
100U	UG/L	FLUORANTHENE	34376
250U	UG/L	PYRENE	34469
100U	UG/L	BENZYL BUTYL PHTHALATE	34292
10K	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100U	UG/L	BENZO(A)ANTHRACENE	34526
100U	UG/L	CHRYSENE	34320
100U	UG/L	3,3'-DICHLOROBENZIDINE	34631
100U	UG/L	DI-N-OCTYLPHTHALATE	34596
100U	UG/L	BENZO(B)FLUORANTHENE	34230
100U	UG/L	BENZO(K)FLUORANTHENE	34242
100U	UG/L	BENZO-A-PYRENE	34247
250U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250U	UG/L	BENZO(GHI)PERYLENE	34521
250U	UG/L	2-CHLOROPHENOL	34586
250U	UG/L	2-NITROPHENOL	34591
250U	UG/L	PHENOL	34694
250U	UG/L	2,4-DIMETHYLPHENOL	34606
250U	UG/L	2,4-DICHLOROPHENOL	34601
250U	UG/L	2,4,6-TRICHLOROPHENOL	34621
250U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250U	UG/L	PENTACHLOROPHENOL	39032
250U	UG/L	4-NITROPHENOL	34646

1 2 00055

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/29/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 PRO[redacted]ENT: DSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted] STATE: AL

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/MASR;CASE#1214;ORG.53.01322
REMARK: INORG.ROCKY MTN LAB.409020

SAMPLE LOG VERIFIED BY: TDM DATA VERIFIED BY: CMM

REMARKS

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

2 00056

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PRO[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OCWP4
START STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01321
REMARK: INORG.ROCKY MTN LAB.409019

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CMM

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00057

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/26/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONAL

PROJECT NO.: 82-104 PRO[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCW4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HW3R:CASE#1214:ORG.S3.D1320
REMARK: INORG.ROCKY MTN LAB.409018

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: CMB

REMARKS

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

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	34032
250	UG/L	4-NITROPHENOL	34646

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12 00058

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/28/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241   SAMPLE TYPE: MONWL

PROJECT NO.: 82-164   PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OCW84
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC   RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: IMS
ANALYTICAL METHOD:

REMARK: CONTRACT/R#SR:CASE#1214:ORG.S3.01319
REMARK: INORG.ROCKY MTN LAB.409017

SAMPLE LOG VERIFIED BY: TOH   DATA VERIFIED BY: CHH

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00059

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 920240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]ENT: USF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/MISR:CASE#121410RG.53.01318
REMARK: INORG.ROCKY MTN LAB.409016

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CHM

REMARKS
SQUIMT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

****

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
130	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00060

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD•REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-194 PRO[redacted]MENT: NSF
SOURCE: OLI. CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC-WP120
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/NWSR:CASE#1214:ORG•53•D1317
REMARK: INORG•ROCKY MTN LAB•4D9015

SAMPLE LOG VERIFIED BY: TOB DATA VERIFIED BY: CHH

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*T-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
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THE MINIMUM DETECTION LIMIT.

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00061

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASEW12[redacted]T AL
CITY: MCINTOSH

STATION I.D.: UC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASEW1214:ORG.S3.01310
REMARK: INORG.ROCKY MTN LAB.M09014

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CMM

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
60	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
11	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
250	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
E-A-ESD.REG IV
ATHENS GEORGIA

10/28/82 EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: NORMAL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/MNSP:CASE#1214;ORG.53.01315
REMARK: INORG.ROCKY MTN LABS.MD9013

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: CHM

REMAR-S

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
NA	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
100	UG/L	NITROBENZENE	34447
100	UG/L	HEXACHLOROBUTADIENE	39702
100	UG/L	1,2,4-TRICHLOROBENZENE	34551
100	UG/L	NAPHTHALENE	34696
100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
100	UG/L	ISOPHORONE	34408
NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
100	UG/L	2-CHLORONAPHTHALENE	34581
100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
100	UG/L	DIMETHYL PHTHALATE	34341
100	UG/L	2,4-DINITROTOLUENE	34611
100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
100	UG/L	CHRYSENE	34320
100	UG/L	3,3'-DICHLOROBENZIDINE	34631
100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
100	UG/L	BENZO-A-PYRENE	34247
250	UG/L	INDENO (1,2,3-CD) PYRENE	34403
250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
250	UG/L	2-NITROPHENOL	34591
140	UG/L	PHENOL	34694
250	UG/L	2,4-DIMETHYLPHENOL	34606
250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00063

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD*REG IV
ATHENS GEORGIA

10/25/82

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MOHWL

PROJECT NO.: 82-104 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH [redacted] AL

STATION I.D.: UC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J SOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/H#SR:CASE#1214:ORG.53.01314
REMARK: INORG.ROCKY MTN LAB.409012

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: CHH

REMARKS

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

VVVV

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
100	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
100	UG/L	BENZIDINE	39120
100	UG/L	1,3-DICHLOROBENZENE	34566
100	UG/L	1,4-DICHLOROBENZENE	34571
100	UG/L	1,2-DICHLOROBENZENE	34536
100	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
100	UG/L	HEXACHLOROETHANE	34396
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
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100	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
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NA	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
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100	UG/L	ACENAPHTHYLENE	34200
100	UG/L	ACENAPHTHENE	34205
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100	UG/L	2,6-DINITROTOLUENE	34626
100	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
100	UG/L	FLUORENE	34381
100	UG/L	DIETHYL PHTHALATE	34336
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34433
100	UG/L	HEXACHLOROBENZENE (HCB)	39700
100	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
100	UG/L	PHENANTHRENE	34461
100	UG/L	ANTHRACENE	34220
100	UG/L	DI-N-BUTYLPHTHALATE	39110
100	UG/L	FLUORANTHENE	34376
250	UG/L	PYRENE	34469
100	UG/L	BENZYL BUTYL PHTHALATE	34292
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
100	UG/L	BENZO(A)ANTHRACENE	34526
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100	UG/L	DI-N-OCTYLPHTHALATE	34596
100	UG/L	BENZO(B)FLUORANTHENE	34230
100	UG/L	BENZO(K)FLUORANTHENE	34242
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250	UG/L	DIBENZO(A,H)ANTHRACENE	34556
250	UG/L	BENZO(GHI)PERYLENE	34521
250	UG/L	2-CHLOROPHENOL	34586
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250	UG/L	PHENOL	34694
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250	UG/L	2,4-DICHLOROPHENOL	34601
250	UG/L	2,4,6-TRICHLOROPHENOL	34621
250	UG/L	4-CHLORO-3-METHYLPHENOL	34452
NA	UG/L	2,4-DINITROPHENOL	34616
2500	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
250	UG/L	PENTACHLOROPHENOL	39032
250	UG/L	4-NITROPHENOL	34646

12 00064

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2207 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]LEMENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-OLID SPLIT SAMPLE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 1550
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM: J KOPOTIC
SAMPLE REC'D: DATE/TIME 08/09/82 1053 REC'D BY: T BENNETT
SEALED: YES

CHEMIST: WHM
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
40U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
68	UG/L	BARIUM	01007
10U	UG/L	BERYLLIUM	01012
10U	UG/L	CADMIUM	01027
20U	UG/L	COBALT	01037
200	UG/L	CHROMIUM	01034
320	UG/L	COPPER	01042
20U	UG/L	MOLYBDENUM	01062
140	UG/L	NICKEL	01067
25U	UG/L	LEAD	01051
25U	UG/L	ANTIMONY	01097
25U	UG/L	SELENIUM	01147
100U	UG/L	TIN	01102
3600	UG/L	STRONTIUM	01082
40U	UG/L	TELLURIUM	01064
460	UG/L	TITANIUM	01152
100U	UG/L	THALLIUM	01059
190	UG/L	VANADIUM	01087
66	UG/L	YTTRIUM	01203
520	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
24	UG/L	MERCURY	71900
150000	UG/L	ALUMINUM	01105
1000	UG/L	MANGANESE	01055
610	MG/L	CALCIUM	00916
20	MG/L	MAGNESIUM	00927
74	MG/L	IRON	74010
79	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2257 SAMPLE TYPE: BLKWA

PROJECT NO.: 82-164 PR[illegible]ELEMENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible] AL
CITY: MCINTOSH

STATION I.D.: METALS BLK II
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR
REMARK: INORG,ROCKY MTN LAB,MD9032

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
17	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
200U	UG/L	ALUMINUM	01105
10U	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.15	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2256 SAMPLE TYPE: BLKWA

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: METALS BLK I
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/06/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR
REMARK: INORG,ROCKY MTN,MD9031

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
5U	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
200U	UG/L	ALUMINUM	01105
10U	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.05U	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PM[illegible]LEMENT: NSF
SOURCE: OLIN CORP (CASE#121[illegible]
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1332
REMARK: INORG,ROCKY MTN LAB,MD9030

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
40	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
7	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
120	UG/L	CHROMIUM	01034
320	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
160	UG/L	NICKEL	01067
130	UG/L	LEAD	01051
200U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
79	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
430	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
7.6	UG/L	MERCURY	71900
220000	UG/L	ALUMINUM	01105
1000	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
68	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/M#SR:CASE#1214:ORG,S3,D1331
REMARK: INORG,ROCKY MTN LAB,MD9029

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
12	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
380	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
110	UG/L	NICKEL	01067
64	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
230	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
4.7	UG/L	MERCURY	71900
7700	UG/L	ALUMINUM	01105
2100	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
5.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

[redacted]

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1330
REMARK: INORG,ROCKY MTN LAB,MD902H

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
48	UG/L	SILVER	01077
100U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
62	UG/L	BERYLLIUM	01012
170	UG/L	CADMIUM	01027
860	UG/L	COBALT	01037
43	UG/L	CHROMIUM	01034
86	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
620	UG/L	NICKEL	01067
760	UG/L	LEAD	01051
200U	UG/L	ANTIMONY	01097
4	UG/L	SELENIUM	01147
7600	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
690	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
5.4	UG/L	MERCURY	71900
32000	UG/L	ALUMINUM	01105
2300	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
9.0	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

[redacted]

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OCHRRO
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01329
REMARK: INORG,ROCKY MTN LAB,M09027

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
34	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
180	UG/L	BARIUM	01007
45	UG/L	BERYLLIUM	01012
25	UG/L	CADMIUM	01027
580	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
77	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
340	UG/L	NICKEL	01067
380	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
3	UG/L	SELENIUM	01147
130	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
890	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
10	UG/L	MERCURY	71900
120000	UG/L	ALUMINUM	01105
1600	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
8.3	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: OC-BR8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D132R
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
37	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
130	UG/L	BARIUM	01007
38	UG/L	BERYLLIUM	01012
20	UG/L	CADMIUM	01027
450	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
62	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
290	UG/L	NICKEL	01067
350	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
280	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
680	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
11	UG/L	MERCURY	71900
120000	UG/L	ALUMINUM	01105
1600	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.37	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP4U
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1327
REMARK: INORG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
27	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
10U	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
12U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
6500	UG/L	ALUMINUM	01105
86	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
23	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1214)
CITY: MCINTOSH STATE: AL

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: YMA
ANALYTICAL METHOD: W

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01326
REMARK: INORG,ROCKY MTN LAB,MD9024

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
58	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
60	UG/L	NICKEL	01067
10U	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
85	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
15000	UG/L	ALUMINUM	01105
140	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
39	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: OCWE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1325
REMARK: INORG,ROCKY MTN LAB,MD9023

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
100	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
250	UG/L	BARIUM	01007
22	UG/L	BERYLLIUM	01012
12	UG/L	CADMIUM	01027
180	UG/L	COBALT	01037
100	UG/L	CHROMIUM	01034
120	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
220	UG/L	NICKEL	01067
90	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
22	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
450	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.31	UG/L	MERCURY	71900
3500	UG/L	ALUMINUM	01105
820	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[illegible]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible] AL
CITY: MCINTOSH

STATION I.D.: OC-PH3D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR:CASE#1214;ORG,S3,D1324
REMARK: INORG,ROCKY MTN LAB,MD9022

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
60	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
540	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
500	UG/L	COBALT	01037
14	UG/L	CHROMIUM	01034
500	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
90	UG/L	NICKEL	01067
250	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
35	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
310	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.33	UG/L	MERCURY	71900
17000	UG/L	ALUMINUM	01105
88	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
52	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OLPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG,S3,D1323
REMARK: INORG,ROCKY MTN LAB,MD9021

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
130	UG/L	NICKEL	01067
97	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
36	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
4000	UG/L	ALUMINUM	01105
10U	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
2.0	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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 DETECTION LIMIT.

12 00077

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3,D1322
REMARK: INORG.ROCKY MTN LAB,MD9020

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
280	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
69	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
14	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
680	UG/L	ALUMINUM	01105
67	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.5	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

12 00078

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]E: AL
CITY: MCINTOSH

STATION I.D.: OCWP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR:CASE#12141ORG,S3,D1321
REMARK: INORG,ROCKY MTN LAB,MD9019

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
150	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
16	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
20U	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
100	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
28	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
5700	UG/L	ALUMINUM	01105
96	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
9.0	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCww8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01320
REMARK: INORG,ROCKY MTN LAB,MD9018

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
5U	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
200U	UG/L	ALUMINUM	01105
21	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.5	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

[redacted]

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

12 00080

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/H#SR:CASE#1214:ORG,S3,D1319
REMARK: INORG,ROCKY MTN LAB,MD9017

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
61	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
300	UG/L	ALUMINUM	01105
22	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.32	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01318
REMARK: INORG.ROCKY MTN LAB.MD9016

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
100	UG/L	SILVER	01077
43	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
600	UG/L	BARIUM	01007
50	UG/L	BERYLLIUM	01012
10	UG/L	CADMIUM	01027
360	UG/L	COBALT	01037
290	UG/L	CHROMIUM	01034
88	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
180	UG/L	NICKEL	01067
220	UG/L	LEAD	01051
200	UG/L	ANTIMONY	01097
20	UG/L	SELENIUM	01147
200	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
100	UG/L	THALLIUM	01059
2000	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
950	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.60	UG/L	MERCURY	71900
61000	UG/L	ALUMINUM	01105
2500	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
60	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[illegible]ELEMENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible] AL
CITY: MCINTOSH

STATION I.D.: OC-MP12D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1317
REMARK: INORG,ROCKY MTN LAB,MD9015

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS		UNITS	ELEMENT	STORET
10U		UG/L	SILVER	01077
10U		UG/L	ARSENIC	01002
NA		UG/L	BORON	01022
100U		UG/L	BARIUM	01007
10		UG/L	BERYLLIUM	01012
6		UG/L	CADMIUM	01027
50U		UG/L	COBALT	01037
52		UG/L	CHROMIUM	01034
50U	7A	UG/L	COPPER	01042
NA		UG/L	MOLYBDENUM	01062
40U		UG/L	NICKEL	01067
100		UG/L	LEAD	01051
20U		UG/L	ANTIMONY	01097
2U		UG/L	SELENIUM	01147
20U		UG/L	TIN	01102
NA		UG/L	STRONTIUM	01082
NA		UG/L	TELLURIUM	01064
NA		UG/L	TITANIUM	01152
10U		UG/L	THALLIUM	01059
200U		UG/L	VANADIUM	01087
NA		UG/L	YTTRIUM	01203
81		UG/L	ZINC	01092
NA		UG/L	ZIRCONIUM	01162
0.2U		UG/L	MERCURY	71900
8300		UG/L	ALUMINUM	01105
220		UG/L	MANGANESE	01055
NA		MG/L	CALCIUM	00916
NA		MG/L	MAGNESIUM	00927
6.9		MG/L	IRON	74010
NA		MG/L	SODIUM	00929
NA		UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PU[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1316
REMARK: INORG,ROCKY MTN LAB,MD9014

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
5	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
36	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
88	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
5600	UG/L	ALUMINUM	01105
76	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
3.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: OC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,01315
REMARK: INORG,ROCKY MTN LABS,MD9013

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
8B	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
32	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
680	UG/L	ALUMINUM	01105
23	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.4	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]LEMENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH [redacted]E: AL

STATION I.D.: OC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1314
REMARK: INORG,ROCKY MTN LAB,MD9012

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
NA	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
17	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
48	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
30	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
3000	UG/L	ALUMINUM	01105
35	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.6	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1314
REMARK: INORG,ROCKY MTN LAB,MO9012

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.10U	UG/L	ALDRIN	39330
0.10U	UG/L	HEPTACHLOR	39410
0.10U	UG/L	HEPTACHLOR EPOXIDE	39420
0.10U	UG/L	ALPHA-BHC	39337
0.10U	UG/L	BETA-BHC	39338
0.10U	UG/L	GAMMA-BHC (LINDANE)	39340
0.10U	UG/L	DELTA-BHC	34259
0.10U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.10U	UG/L	DIELDRIN	39380
0.10U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.10U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.10U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.10U	UG/L	ENDRIN	39390
0.10U	UG/L	ENDOSULFAN II (BETA)	34356
0.10U	UG/L	ENDOSULFAN SULFATE	34351
0.10U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.10U	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.10U	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.10U	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.10U	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.10U	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.10U	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.10U	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.10U	UG/L	TOXAPHENE	39400
0.10U	UG/L	ENDRIN ALDEHYDE	34366
0.10U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/H.SR:CASE#1214:ORG.S3.01315
REMARK: INORG.ROCKY MTN LABS.MD9013

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100U	UG/L	ALDRIN	39330
0.100U	UG/L	HEPTACHLOR	39410
0.100U	UG/L	HEPTACHLOR EPOXIDE	39420
0.100U	UG/L	ALPHA-BHC	39337
0.100U	UG/L	BETA-BHC	39338
0.100U	UG/L	GAMMA-BHC (LINDANE)	39340
0.100U	UG/L	DELTA-BHC	34259
0.100U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100U	UG/L	DIELDRIN	39380
0.100U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100U	UG/L	ENDRIN	39390
0.100U	UG/L	ENDOSULFAN II (BETA)	34356
0.100U	UG/L	ENDOSULFAN SULFATE	34351
0.100U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100U	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100U	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100U	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100U	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100U	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100U	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100U	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100U	UG/L	TOXAPHENE	39400
0.100U	UG/L	ENDRIN ALDEHYDE	34366
0.100U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C223R SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]E: AL
CITY: MCINTOSH

STATION I.D.: OC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 05/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/M#SR;CASE#1214;ORG,S3,D1316
REMARK: INORG,ROCKY MTN LAB,MD9014

SAMPLE LOG VERIFIED BY: TBM DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100U	UG/L	ALDRIN	39330
0.100U	UG/L	HEPTACHLOR	39410
0.100U	UG/L	HEPTACHLOR EPOXIDE	39420
0.100U	UG/L	ALPHA-BHC	39337
0.100U	UG/L	BETA-BHC	39338
0.100U	UG/L	GAMMA-BHC (LINDANE)	39340
0.100U	UG/L	DELTA-BHC	34259
0.100U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100U	UG/L	DIELDRIN	39380
0.100U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100U	UG/L	ENDRIN	39390
0.100U	UG/L	ENDOSULFAN II (BETA)	34356
0.100U	UG/L	ENDOSULFAN SULFATE	34351
0.100U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100U	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100U	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100U	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100U	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100U	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100U	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100U	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100U	UG/L	TOXAPHENE	39400
0.100U	UG/L	ENDRIN ALDEHYDE	34366
0.100U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-MP12D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPJTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01317
REMARK: INORG.ROCKY MTN LAB.MD9015

SAMPLE LOG VERIFIED BY: TRH DATA VERIFIED BY: JMS

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1318
REMARK: INORG.ROCKY MTN LAB.MD9016

SAMPLE LOG VERIFIED BY: TOB DATA VERIFIED BY: JMS

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
1.9	UG/L	BETA-BHC	39338
0.7N	UG/L	GAMMA-BHC (LINDANE)	39340
0.5	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] STATE: AL
CITY: MCINTOSH

STATION I.D.: OCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.D1319
REMARK: INORG.ROCKY MTN LAB.MD9017

SAMPLE LOG VERIFIED BY: TOB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND		STORET
0.100	UG/L	ALDRIN		39330
0.100	UG/L	HEPTACHLOR		39410
0.100	UG/L	HEPTACHLOR EPOXIDE		39420
0.100	UG/L	ALPHA-BHC		39337
0.100	UG/L	BETA-BHC		39338
0.100	UG/L	GAMMA-BHC (LINDANE)		39340
0.100	UG/L	DELTA-BHC		34259
0.100	UG/L	ENDOSULFAN I (ALPHA)		34361
0.100	UG/L	DIELDRIN		39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)		39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)		39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)		39310
0.100	UG/L	ENDRIN		39390
0.100	UG/L	ENDOSULFAN II (BETA)		34356
0.100	UG/L	ENDOSULFAN SULFATE		34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE)	/1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)		39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)		39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)		39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)		39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)		39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)		39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)		34671
0.100	UG/L	TOXAPHENE		39400
0.100	UG/L	ENDRIN ALDEHYDE		34366
0.100	UG/L	TCDD(DIOXIN)		34675
--	UG/L	CHLORDENE	/2	77884
--	UG/L	ALPHA-CHLORDENE	/2	
--	UG/L	GAMMA-CHLORDENE	/2	
--	UG/L	1-HYDROXYCHLORDENE		
--	UG/L	GAMMA-CHLORDANE	/2	39810
--	UG/L	TRANS-NONACHLOR	/2	39071
--	UG/L	ALPHA-CHLORDANE	/2	39348
--	UG/L	CIS-NONACHLOR	/2	39068

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCW#8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1320
REMARK: INORG.ROCKY MTN LAB.MD9018

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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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 DETECTION LIMIT.
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]LEMENT: NSF
SOURCE: DELTA CORP (CASE#12[redacted]E: AL
CITY: MCINTOSH

STATION I.D.: UCAP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J ROPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01321
REMARK: INORG.ROCKY MTN LAB.MD9019

SAMPLE LOG VERIFIED BY: TBM DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND		STORET
0.100U	UG/L	ALDRIN		39330
0.100U	UG/L	HEPTACHLOR		39410
0.100U	UG/L	HEPTACHLOR EPOXIDE		39420
0.100U	UG/L	ALPHA-BHC		39337
0.100U	UG/L	BETA-BHC		39338
0.100U	UG/L	GAMMA-BHC (LINDANE)		39340
0.100U	UG/L	DELTA-BHC		34259
0.100U	UG/L	ENDOSULFAN I (ALPHA)		34361
0.100U	UG/L	DIELDRIN		39380
0.100U	UG/L	4,4'-DDT (P,P'-DDT)		39300
0.100U	UG/L	4,4'-DDE (P,P'-DDE)		39320
0.100U	UG/L	4,4'-DDD (P,P'-DDD)		39310
0.100U	UG/L	ENDRIN		39390
0.100U	UG/L	ENDOSULFAN II (BETA)		34356
0.100U	UG/L	ENDOSULFAN SULFATE		34351
0.100U	UG/L	CHLORDANE (TECH. MIXTURE)	/1	39350
0.100U	UG/L	PCB-1242 (AROCLOR 1242)		39496
0.100U	UG/L	PCB-1254 (AROCLOR 1254)		39504
0.100U	UG/L	PCB-1221 (AROCLOR 1221)		39488
0.100U	UG/L	PCB-1232 (AROCLOR 1232)		39492
0.100U	UG/L	PCB-1248 (AROCLOR 1248)		39500
0.100U	UG/L	PCB-1260 (AROCLOR 1260)		39508
0.100U	UG/L	PCB-1016 (AROCLOR 1016)		34671
0.100U	UG/L	TOXAPHENE		39400
0.100U	UG/L	ENDRIN ALDEHYDE		34366
0.100U	UG/L	TCDD(DIOXIN)		34675
--	UG/L	CHLORDENE /2		77884
--	UG/L	ALPHA-CHLORDENE	/2	
--	UG/L	GAMMA-CHLORDENE	/2	
--	UG/L	1-HYDROXYCHLORDENE		
--	UG/L	GAMMA-CHLORDANE	/2	39810
--	UG/L	TRANS-NONACHLOR	/2	39071
--	UG/L	ALPHA-CHLORDANE	/2	39348
--	UG/L	CIS-NONACHLOR	/2	39068

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD•REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: R2-164 PR[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG•53•01322
REMARK: INORG•ROCKY MTN LAB•409020

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#1214 [redacted] AL
CITY: MCINTOSH

STATION I.D.: UCPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG,S3,D1323
REMARK: INORG,ROCKY MTN LAB,MD9021

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.2	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]ELEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: UC-PH30
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG:S3:D1324
REMARK: INORG:ROCKY MTN LAB:MD9022

SAMPLE LOG VERIFIED BY: TGH DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100U	UG/L	ALDRIN	39330
0.100U	UG/L	HEPTACHLOR	39410
0.100U	UG/L	HEPTACHLOR EPOXIDE	39420
0.100U	UG/L	ALPHA-BHC	39337
0.100U	UG/L	BETA-BHC	39338
0.100U	UG/L	GAMMA-BHC (LINDANE)	39340
0.100U	UG/L	DELTA-BHC	34259
0.100U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100U	UG/L	DIELDRIN	39380
0.100U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100U	UG/L	ENDRIN	39390
0.100U	UG/L	ENDOSULFAN II (BETA)	34356
0.100U	UG/L	ENDOSULFAN SULFATE	34351
0.100U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100U	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100U	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100U	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100U	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100U	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100U	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100U	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100U	UG/L	TOXAPHENE	39400
0.100U	UG/L	ENDRIN ALDEHYDE	34366
0.100U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: GSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC14
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1325
REMARK: INORG,ROCKY MTN LAB,MD9023

SAMPLE LOG VERIFIED BY: TGB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
1.8N	UG/L	ALPHA-BHC	39337
0.10U	UG/L	BETA-BHC	39338
2.5N	UG/L	GAMMA-BHC (LINDANE)	39340
0.20	UG/L	DELTA-BHC	34259
0.10U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.10U	UG/L	DIELDRIN	39380
0.10U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.10U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.10U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.10U	UG/L	ENDRIN	39390
0.10U	UG/L	ENDOSULFAN II (BETA)	34356
0.10U	UG/L	ENDOSULFAN SULFATE	34351
0.10U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.10U	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.10U	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.10U	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.10U	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.10U	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.10U	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.10U	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.10U	UG/L	TOXAPHENE	39400
0.10U	UG/L	ENDRIN ALDEHYDE	34366
0.10U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC,P4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG,S3,D1326
REMARK: INDEG,ROCKY MTN LAB,MD9024

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.100	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
0.100	UG/L	GAMMA-BHC (LINDANE)	39340
0.100	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *O-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*P-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: 72-104 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCWP4D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1327
REMARK: INORG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND		STORET
0.100	UG/L	ALDRIN		39330
0.100	UG/L	HEPTACHLOR		39410
0.100	UG/L	HEPTACHLOR EPOXIDE		39420
0.100	UG/L	ALPHA-BHC		39337
0.100	UG/L	BETA-BHC		39338
0.100	UG/L	GAMMA-BHC (LINDANE)		39340
0.100	UG/L	DELTA-BHC		34259
0.100	UG/L	ENDOSULFAN I (ALPHA)		34361
0.100	UG/L	DIELDRIN		39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)		39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)		39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)		39310
0.100	UG/L	ENDRIN		39390
0.100	UG/L	ENDOSULFAN II (BETA)		34356
0.100	UG/L	ENDOSULFAN SULFATE		34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE)	/1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)		39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)		39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)		39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)		39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)		39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)		39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)		34671
0.100	UG/L	TOXAPHENE		39400
0.100	UG/L	ENDRIN ALDEHYDE		34366
0.100	UG/L	TCDD(DIOXIN)		34675
--	UG/L	CHLORDENE	/2	77884
--	UG/L	ALPHA-CHLORDENE	/2	
--	UG/L	GAMMA-CHLORDENE	/2	
--	UG/L	1-HYDROXYCHLORDENE		
--	UG/L	GAMMA-CHLORDANE	/2	39810
--	UG/L	TRANS-NONACHLOR	/2	39071
--	UG/L	ALPHA-CHLORDANE	/2	39348
--	UG/L	CIS-NONACHLOR	/2	39068

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]ENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: OC-BR3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01326
REMARK: INORG,ROCKY MTN LAB,409026

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.100	UG/L	ALDRIN	39330
0.100	UG/L	HEPTACHLOR	39410
0.100	UG/L	HEPTACHLOR EPOXIDE	39420
0.80	UG/L	ALPHA-BHC	39337
0.100	UG/L	BETA-BHC	39338
2.4	UG/L	GAMMA-BHC (LINDANE)	39340
0.20N	UG/L	DELTA-BHC	34259
0.100	UG/L	ENDOSULFAN I (ALPHA)	34361
0.100	UG/L	DIELDRIN	39380
0.100	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.100	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.100	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.100	UG/L	ENDRIN	39390
0.100	UG/L	ENDOSULFAN II (BETA)	34356
0.100	UG/L	ENDOSULFAN SULFATE	34351
0.100	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.100	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.100	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.100	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.100	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.100	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.100	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.100	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.100	UG/L	TOXAPHENE	39400
0.100	UG/L	ENDRIN ALDEHYDE	34366
0.100	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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-ESD-REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]: AL

STATION I.D.: OCBR40
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG.S3.01329
REMARK: INORG.ROCKY MTN LAB.MD9027

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND		STORET
0.100U	UG/L	ALDRIN		39330
0.100U	UG/L	HEPTACHLOR		39410
0.100U	UG/L	HEPTACHLOR EPOXIDE		39420
3.2	UG/L	ALPHA-BHC		39337
0.100U	UG/L	BETA-BHC		39338
5.0N	UG/L	GAMMA-BHC (LINDANE)		39340
1.3N	UG/L	DELTA-BHC		34259
0.100U	UG/L	ENDOSULFAN I (ALPHA)		34361
0.100U	UG/L	DIELDRIN		39380
0.100U	UG/L	4,4'-DDT (P,P'-DDT)		39300
0.100U	UG/L	4,4'-DDE (P,P'-DDE)		39320
0.100U	UG/L	4,4'-DDD (P,P'-DDD)		39310
0.100U	UG/L	ENDRIN		39390
0.100U	UG/L	ENDOSULFAN II (BETA)		34356
0.100U	UG/L	ENDOSULFAN SULFATE		34351
0.100U	UG/L	CHLORDANE (TECH. MIXTURE)	/1	39350
0.100U	UG/L	PCB-1242 (AROCLOR 1242)		39496
0.100U	UG/L	PCB-1254 (AROCLOR 1254)		39504
0.100U	UG/L	PCB-1221 (AROCLOR 1221)		39488
0.100U	UG/L	PCB-1232 (AROCLOR 1232)		39492
0.100U	UG/L	PCB-1248 (AROCLOR 1248)		39500
0.100U	UG/L	PCB-1260 (AROCLOR 1260)		39508
0.100U	UG/L	PCB-1016 (AROCLOR 1016)		34671
0.100U	UG/L	TOXAPHENE		39400
0.100U	UG/L	ENDRIN ALDEHYDE		34366
0.100U	UG/L	TCDD(DIOXIN)		34675
--	UG/L	CHLORDENE /2		77884
--	UG/L	ALPHA-CHLORDENE	/2	
--	UG/L	GAMMA-CHLORDENE	/2	
--	UG/L	1-HYDROXYCHLORDENE		
--	UG/L	GAMMA-CHLORDANE	/2	39810
--	UG/L	TRANS-NONACHLOR	/2	39071
--	UG/L	ALPHA-CHLORDANE	/2	39348
--	UG/L	CIS-NONACHLOR	/2	39068

****

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
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.01330
REMARK: INORG.ROCKY MTN LAB.409028

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: JMS

REMARKS
>QUANT. FOR PHENOLS IS SUSPECT BASED ON QC DATA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
0.10U	UG/L	ALDRIN	39330
0.10U	UG/L	HEPTACHLOR	39410
0.10U	UG/L	HEPTACHLOR EPOXIDE	39420
0.10U	UG/L	ALPHA-BHC	39337
0.10U	UG/L	BETA-BHC	39338
0.10U	UG/L	GAMMA-BHC (LINDANE)	39340
0.10U	UG/L	DELTA-BHC	34259
0.10U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.10U	UG/L	DIELDRIN	39380
0.10U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.10U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.10U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.10U	UG/L	ENDRIN	39390
0.10U	UG/L	ENDOSULFAN II (BETA)	34356
0.10U	UG/L	ENDOSULFAN SULFATE	34351
0.10U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.10U	UG/L	PCB-1242 (AROCLOR 1242)	39496
0.10U	UG/L	PCB-1254 (AROCLOR 1254)	39504
0.10U	UG/L	PCB-1221 (AROCLOR 1221)	39488
0.10U	UG/L	PCB-1232 (AROCLOR 1232)	39492
0.10U	UG/L	PCB-1248 (AROCLOR 1248)	39500
0.10U	UG/L	PCB-1260 (AROCLOR 1260)	39508
0.10U	UG/L	PCB-1016 (AROCLOR 1016)	34671
0.10U	UG/L	TOXAPHENE	39400
0.10U	UG/L	ENDRIN ALDEHYDE	34366
0.10U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*>-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

12 00103

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 P[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]
CITY: MCINTOSH [redacted]TE: AL

STATION I.D.: OCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.01331
REMARK: INORG.ROCKY MTN LAB.MD9029

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: JMS

REMARKS
ONE BHC ISOMER CONFIRMED BY GC/MS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
50	UG/L	ALDRIN	39330
50	UG/L	HEPTACHLOR	39410
50	UG/L	HEPTACHLOR EPOXIDE	39420
50	UG/L	ALPHA-BHC	39337
50	UG/L	BETA-BHC	39338
50	UG/L	GAMMA-BHC (LINDANE)	39340
50	UG/L	DELTA-BHC	34259
50	UG/L	ENDOSULFAN I (ALPHA)	34361
50	UG/L	DIELDRIN	39380
50	UG/L	4,4'-DDT (P,P'-DDT)	39300
50	UG/L	4,4'-DDE (P,P'-DDE)	39320
50	UG/L	4,4'-DDD (P,P'-DDD)	39310
50	UG/L	ENDRIN	39390
50	UG/L	ENDOSULFAN II (BETA)	34356
50	UG/L	ENDOSULFAN SULFATE	34351
50	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
50	UG/L	PCB-1242 (AROCLOR 1242)	39496
50	UG/L	PCB-1254 (AROCLOR 1254)	39504
50	UG/L	PCB-1221 (AROCLOR 1221)	39488
50	UG/L	PCB-1232 (AROCLOR 1232)	39492
50	UG/L	PCB-1248 (AROCLOR 1248)	39500
50	UG/L	PCB-1260 (AROCLOR 1260)	39508
50	UG/L	PCB-1016 (AROCLOR 1016)	34671
50	UG/L	TOXAPHENE	39400
50	UG/L	ENDRIN ALDEHYDE	34366
50	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted]: AL

STATION I.D.: OC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1332
REMARK: INORG.ROCKY MTN LAB.MD9030

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
TWO BHC ISOMERS CONFIRMED BY GC/MS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	STORET
50	UG/L	ALDRIN	39330
50	UG/L	HEPTACHLOR	39410
50	UG/L	HEPTACHLOR EPOXIDE	39420
57N	UG/L	ALPHA-BHC	39337
65	UG/L	BETA-BHC	39338
37	UG/L	GAMMA-BHC (LINDANE)	39340
6.5	UG/L	DELTA-BHC	34259
50	UG/L	ENDOSULFAN I (ALPHA)	34361
50	UG/L	DIELDRIN	39380
50	UG/L	4,4'-DDT (P,P'-DDT)	39300
50	UG/L	4,4'-DDE (P,P'-DDE)	39320
50	UG/L	4,4'-DDD (P,P'-DDD)	39310
50	UG/L	ENDRIN	39390
50	UG/L	ENDOSULFAN II (BETA)	34356
50	UG/L	ENDOSULFAN SULFATE	34351
50	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
50	UG/L	PCB-1242 (AROCLOR 1242)	39496
50	UG/L	PCB-1254 (AROCLOR 1254)	39504
50	UG/L	PCB-1221 (AROCLOR 1221)	39488
50	UG/L	PCB-1232 (AROCLOR 1232)	39492
50	UG/L	PCB-1248 (AROCLOR 1248)	39500
50	UG/L	PCB-1260 (AROCLOR 1260)	39508
50	UG/L	PCB-1016 (AROCLOR 1016)	34671
50	UG/L	TOXAPHENE	39400
50	UG/L	ENDRIN ALDEHYDE	34366
50	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
--	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/05/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC-BR8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATENAME1,/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01328
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: JMS

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L	COMPOUND NAME
E N	PENTACHLOROBENZENE
E --	3 UNIDENTIFIED COMPOUNDS
V --	1 UNIDENTIFIED COMPOUND

****

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 DETECTION LIMIT.

2-00106

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2254 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PR[redacted]REMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC-OL1
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/00/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/SWSR:CASE#1214:ORG.53.D1332
REMARK: INORG.ROCKY MTN LAB.409030

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

AN	RESULTS IN: UG/L	COMPOUND NAME
E	N	TRICHLOROBENZENE (NOT 1,2,4)
E	N	TETRACHLOROBENZENE (2 ISOMERS)
E	N	PENTACHLOROBENZENE
E	N	THIONISBENZENE
E	N	PETROLEUM PRODUCT
E	--	3 UNIDENTIFIED COMPOUNDS
V	N	TRICHLOROPROPANE
V	N	DICHLOROCYCLOHEXANE
V	--	1 UNIDENTIFIED COMPOUND

****

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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MOOWL

PROJECT NO.: 82-164 PR[redacted]MENT: NSF
SOURCE: OLTIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOROTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/NWSR:CASE#1214:096.53.01331
REMARK: IUOMO.ROCKY MTN EAR.309029

SAMPLE LOG VERIFIED BY: TMG DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

AN	RESULTS IN: UG/L	COMPOUND NAME
E	N	TRICHLOROBENZENE (NOT 1,2,4)
E	N	TETRACHLOROBENZENE (2 ISOMERS)
E	N	PENTACHLOROBENZENE
E	N	PENTACHLORONITROBENZENE
E	N	FLUOROBIPHENYL
E	--	1 UNIDENTIFIED COMPOUND
V	N	BROMOBENZENE
V	--	1 UNIDENTIFIED COMPOUND

[redacted]

****

FOOTNOTES
*B-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *PL-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*<-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*>-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

12 00108

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[illegible]MENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible]
CITY: MCINTOSH [illegible] AL

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 0[illegible]/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHF IST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01330
REMARK: INORG,ROCKY MTN LAB,MO5028

SAMPLE LOG VERIFIED BY: [illegible] DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 1 UNIDENTIFIED COMPOUND
V -- 1 UNIDENTIFIED COMPOUND

****

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 DETECTION LIMIT.

1 2 00109

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[illegible]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[illegible]
CITY: MCINTOSH [illegible]: AL

STATION I.D.: [illegible]
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1329
REMARK: INORG,ROCKY MTN LAB,MD9027

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOT OTES
*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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N TRICHLOROBENZENE (NOT 1,2,4)
E N TETRACHLOROBENZENE (2 ISOMERS)
E N PENTACHLOROBENZENE
E N FLUOROBIPHENYL
E N PETROLEUM PRODUCT
E -- 4 UNIDENTIFIED COMPOUNDS

12 00110

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: 82-1 4 PR[illegible]MENT: USF
SOURCE: [illegible] CORP (CASE#12[illegible]AL
CITY: MCINTOSH

STATION I.D.: OCWP4D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATENAME1,/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG,S3,D1327
REMARK: INORG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N BICYCLOHEXYL
V -- 1 UNIDENTIFIED COMPOUND

****

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 DETECTION LIMIT.

12 00111

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 2 UNIDENTIFIED COMPOUNDS

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[illegible]MENT: NSF
SOURCE: [illegible] CORP (CASE#1[illegible]
CITY: MCINTOSH [illegible] AL

STATION I.D.: OCAR4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.53,D1326
REMARK: I ORG.ROCKY MTN LAB.MD9024

SAMPLE LOG VERIFIED BY: TB3 DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

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 DETECTION LIMIT.

1 2 00112

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[illegible]MENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible]
CITY: MCINTOSH [illegible]AL

STATION I.D.: OCNF3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 05/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HMSR:CASE#1214:ORG.S3.D1325
REMARK: INORG.ROCKY MTN LAB.MD9023

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N TETRACHLOROBENZENE
E -- 2 UNIDENTIFIED COMPOUNDS

1 2 00113

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 2 UNIDENTIFIED COMPOUNDS

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 [illegible]LEMENT: NSF
SOURCE: OLIN CORP (CASE#[illegible]: AL
CITY: MCINTOSH

STATION I.D.: OCPH1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATENAME1,/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR:CASE#1214:ORG,S3,D1323
REMARK: INORG,ROCKY MTN LAB,MD9021

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: DGK

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOT NOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NA1-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 DETECTION LIMIT.

1 2 00114

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 3 UNIDENTIFIED COMPOUNDS

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATENAME1,/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1322
REMARK: INORG,ROCKY MTN LAB,FD9020

SAMPLE LOG VERIFIED BY: TRR DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*E-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 DETECTION LIMIT.

12 00115

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 0202293 SAMPLE TYPE: MONWL

PROJECT NO.: 02-1[illegible] PR[illegible]ESENT: USF
SOURCE: [illegible] CORP (CASE#1[illegible] [illegible] AL
CITY: [illegible]

STATION I.D.: [illegible]
START STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/00/00 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHECKLIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/REF:CASE#121:GRO:53:01321
REMARK: [illegible]ROCKY MTN LAB:109019

SAMPLE LOG VERIFIED BY: [illegible] DATA VERIFIED BY: DGR

****
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *E-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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L	COMPOUND NAME
E N	BICYCLOHEXYL
E --	1 UNIDENTIFIED COMPOUND

[illegible]

[illegible]

[illegible] 2 00116

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 1 UNIDENTIFIED COMPOUND

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PROG[redacted]MENT: NSF
SOURCE: OLI CORP [redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC[redacted]
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.01320
REMARK: INORG.ROCKY MTN LAB.MD9018

SAMPLE LOG VERIFIED BY: TGB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *MAI-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 DETECTION LIMIT.

1 2 00117

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 4 UNIDENTIFIED COMPOUNDS

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[illegible]ENT: NSF
SOURCE: OLIN CORP (CASE#121[illegible]AL
CITY: MCINTOSH

STATION I.D.: UC.E4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSP;CASE#1214;ORG,S3,01319
REMARK: IDORG,ROCKY MTN LAB,MD,017

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*E-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 DETECTION LIMIT.

12 00118

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E -- 2 UNIDENTIFIED COMPOUNDS

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 PR[illegible]ENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible] AL
CITY: SCINTOSH

STATION I.D.: GC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/03/82 0
SAMPLE COLLECTION: STOP DATENAME1,/TIME 00/00/00 0

COLLECTED BY: J KOROTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHELIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG.53.01318
REMARK: INORG.ROCKY MTN LAB.MD9015

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

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 DETECTION LIMIT.

1 2 00119

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

11/04/82 MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PR[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/NAME1,/TIME 00/00/00 0

COLLECTED BY: J KOROTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3,D1317
REMARK: INORG.ROCKY MTN LAB.3D9015

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOT NOTES
*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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N PETROLEUM PRODUCT
E -- 2 UNIDENTIFIED COMPOUNDS

1 2 00120

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-[illegible] PRO[illegible]ENT: NSF
SOURCE: [illegible] (CASE#12[illegible]
CITY: MCINTOSH [illegible] AL

STATION I.D.: OC- P12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3,D1316
REMARK: INORG,ROCKY MIN LAB,MD901.

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N BICYCLOHEXYL
E -- 1 UNIDENTIFIED COMPOUND

1 2 00121

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/04/82

MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PRO[illegible]EMENT: DSF
SOURCE: [illegible] CORP (CASE#121[illegible]
CITY: MCINTOSH STATE: AL

STATION I.D.: OC-F2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/02/82 0
SAMPLE COLLECTION: STOP DATE/NAME1,/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/BWSR;CASE#1214;ORG,S3,01315
REMARK: INORG,ROCKY MTN LABS,MD9013

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*E-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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N BICYCLOHEXYL
E -- 3 UNIDENTIFIED COMPOUNDS

1 2 00122

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

AN RESULTS IN: UG/L COMPOUND NAME
E N CHLOROCYCLOHEXANE

11/04/82 MISCELLANEOUS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[illegible]MENT: WSF
SOURCE: [illegible] CORP
CITY: MCINTOSH [illegible] AL

STATION I.D.: OC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 05/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1314
REMARK: INORG,ROCKY MTN LAB,MD9012

SAMPLE LOG VERIFIED BY: TEB DATA VERIFIED BY: DGR

REMARKS
MISC. ORGANIC COMPOUNDS NOT QUANTIFIED

****

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 DETECTION LIMIT.

12 00123

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: M2C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG,S3,D1314
REMARK: INORG,ROCKY MTN LAB,409012

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

12 00124

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[illegible]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible] AL
CITY: MCINTOSH

STATION I.D.: OCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HQSH:CASE#1214:ORG,53,01331
REMARK: INORG,ROCKY MTN LAB,M09029

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[illegible]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[illegible]
CITY: MCINTOSH [illegible] AL

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1330
REMARK: INORG,ROCKY MTN LAB,MD9028

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

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 DETECTION LIMIT.

12 00426

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRAM ELEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCHRMO
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1329
REMARK: INORG.ROCKY MTN LAB.MD9027

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 M[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OC-BR6
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/09/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MASK:CASE#1214:ORG.53.01328
REMARK: INORG.ROCKY MTN LAB.MD9026

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: MAW

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 DETECTION LIMIT.

1 2 00128

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER
0.010	MG/L	CYANIDE

STORET
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP40
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: DAW CHEMIST:
ANALYTICAL METHOD: 1

REMARK: CONTRACT/HWSR;CASE#1214;ORG.53.01327
REMARK: INORG.ROCKY MTN LAB.409025

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

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 DETECTION LIMIT.

12 00129

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD•REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: M2C2248 SAMPLE TYPE: MONWL

PROJECT NO.: M2-154 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/M4SR:CASE#1214:ORG•53•01326
REMARK: INORG•ROCKY MTN LAB•MD•024

SAMPLE LOG VERIFIED BY: TMH DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

12 00130

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: H2C2247 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 PRO[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]
CITY: MCILTOSH [redacted] AL

STATION I.D.: OCNE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR:CASE#1214:ORG.53.01325
REMARK: INORG.ROCKY MTN LAB.MD9023

SAMPLE LOG VERIFIED BY: TDB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

1 2 00131

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MONWL

PROJECT NO.: 82-104 P[redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE#[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OC-PH3D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MWSR:CASE#1214:ORG.S3.D1324
REMARK: INORG.ROCKY MTN LAB.409022

SAMPLE LOG VERIFIED BY: TSM DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

12 00132

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER
0.010	MG/L	CYANIDE

STORET
00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.53.D1323
REMARK: INORG.ROCKY MTN LAB.MD9021

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: MAW

REMARKS

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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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J POPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/M#SR:CASE#1214:ORG.S3.01322
REMARK: INORG.ROCKY MTN LAB.M09020

SAMPLE LOG VERIFIED BY: TGB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

12 00134

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PRO[redacted]EMENT: NSF
SOURCE: OLI. CORP (CASE#12[redacted]AL
CITY: MCINTOSH

STATION I.D.: UCWP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAX CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MASR:CASE#1214:ORG.53.01321
REMARK: IDORG.ROCKY MTN LAB.MD9019

SAMPLE LOG VERIFIED BY: TMG DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*M-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 DETECTION LIMIT.

12 00135

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD/REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 826242 SAMPLE TYPE: MONWL

PROJECT NO.: 82-154 PROGRAM ELEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCW28
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/H4SR:CASE#1214:ORG.53.01320
REMARK: INORG.ROCKY MTN LAB.409018

SAMPLE LOG VERIFIED BY: TMM DATA VERIFIED BY: MAW

REMARKS

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

12 00136

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD•REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PROGRAM ELEMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: UCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 00/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: DAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/MASR:CASE#1214:ORG.53.01319
REMARK: PROG.ROCKY MTN LAB.MD9017

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*M-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 DETECTION LIMIT.

12 00137

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-RED IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#[redacted] AL
CITY: OCIDTJSH

STATION I.D.: OC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HQSR:CASE#1214:ORG.S3.D1318
REMARK: I.DORG.ROCKY MTN LAB.MD9016

SAMPLE LOG VERIFIED BY: TGB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*P-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 DETECTION LIMIT.

12 00138

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]LMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-MP12D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOROTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1317
REMARK: INORG,ROCKY MTN LAB,MD9015

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

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 DETECTION LIMIT.

12 00139

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: NORWL

PROJECT NO.: 82-169 PR[redacted]ELEMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-SP12
STORET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 00/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HQSR:CASE#1214:ORG.53.01316
REMARK: INORG.ROCKY MTN LAB.409014

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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 DETECTION LIMIT.

12 00140

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-REG IV
ATHENS GEORGIA

11/03/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPJTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG.SJ.01315
REMARK: INORG.ROCKY MTN LABS.MD9013

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*L-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 DETECTION LIMIT.

12 00141

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2236 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 [redacted]LEMENT: NSF
SOURCE: OLIN CORP [redacted]
CITY: MCINTOSH [redacted]E: AL

STATION I.D.: OC-E1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1314
REMARK: INORG,ROCKY MTN LAB,MD9012

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

12 00142

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2237 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-E2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/02/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1315
REMARK: INORG,ROCKY MTN LABS,MD9013

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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

1 2 00143

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2238 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-MP12
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.01316
REMARK: INORG.ROCKY MTN LAB.MD9014

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

12 00144

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD•REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2239 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-MP12D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG•S3•D1317
REMARK: INORG•ROCKY MTN LAB•MD9015

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2240 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-LP1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1318
REMARK: INORG.ROCKY MTN LAB.MD9016

SAMPLE LOG VERIFIED BY: TDB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2241 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#I[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCWE4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/03/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.D1319
REMARK: INORG.ROCKY MTN LAB.MD9017

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

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

12 00147

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2242 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PRO[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]AL
CITY: MCINTOSH

STATION I.D.: OCWWB
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.01320
REMARK: INORG.ROCKY MTN LAB.MD9018

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

[redacted]

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2243 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP9
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1321
REMARK: INORG,ROCKY MTN LAB,MD9019

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2244 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 [redacted]ELEMENT: NSF
SOURCE: OLIN CORP (CASE#[redacted]
CITY: MCINTOSH [redacted]E: AL

STATION I.D.: OCPE2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/W#SR:CASE#1214:ORG.S3.D1322
REMARK: INORG.ROCKY MTN LAB.MD9020

SAMPLE LOG VERIFIED BY: TBH DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

12 00150

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2245 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCPH3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/PWSR;CASE#1214;ORG,S3,D1323
REMARK: INORG,ROCKY MTN LAB,MD9021

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2246 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 PR[redacted]MENT: NSF
SOURCE: OLIN CORP (CASE#12[redacted] AL
CITY: MCINTOSH

STATION I.D.: OC-PH30
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1324
REMARK: INORG,ROCKY MTN LAB,M09022

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2247 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 [redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE# [redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCWE3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/04/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214;ORG,S3,D1325
REMARK: INORG,ROCKY MTN LAB,MD9023

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2248 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 [redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE# [redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCWP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KUPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1326
REMARK: INORG,ROCKY MTN LAB,MD9024

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

12 00154

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2249 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCWP4D
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,D1327
REMARK: INORG,ROCKY MTN LAB,MD9025

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

1 2 00155

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2250 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#[redacted]
CITY: MCINTOSH [redacted] AL

STATION I.D.: OC-BR3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG,S3,01326
REMARK: INORG,ROCKY MTN LAB,MD9026

SAMPLE LOG VERIFIED BY: THH DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2251 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 P[redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE#1[redacted] AL
CITY: MCINTOSH

STATION I.D.: OCBRBO
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#1214:ORG.S3.01329
REMARK: INORG.ROCKY MTN LAB.MD9027

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

12 00157

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD.REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2252 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 [redacted]EMENT: NSF
SOURCE: OLIN CORP (CASE# [redacted] AL
CITY: MCINTOSH

STATION I.D.: OCWP3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR;CASE#1214;ORG,S3,D1330
REMARK: INORG,ROCKY MTN LAB,MD9028

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

[redacted]

12 00158

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

11/02/82

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 82C2253 SAMPLE TYPE: MONWL

PROJECT NO.: 82-164 [redacted]LEMENT: NSF
SOURCE: OLIN CORP (CASE [redacted]: AL
CITY: MCINTOSH

STATION I.D.: OCLP4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPUTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HQSR:CASE#12141ORG,S3,D1331
REMARK: INORG,ROCKY MTN LAB,MD9029

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

****

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

01/05/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: B2C2254 SAMPLE TYPE: MONWL

PROJECT NO.: B2-164 PROC[redacted]NT: NSF
SOURCE: OLIN CORP (CASE#121[redacted]
CITY: MCINTOSH

STATION I.D.: OC-OL1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/05/82 0
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: J KOPOTIC RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

REMARK: CONTRACT/HWSR:CASE#12141ORG,83,D1332
REMARK: INORG,ROCKY MTN LAB,MD9030

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: MAW

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 DETECTION LIMIT.

2.00160