PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages. SEE INSTRUCTIONS.

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V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO. 01

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCEN-TRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCEN-TRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCEN-TRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCEN-TRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCEN-TRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	<5	<843					1	mg/l	lb/day	<5		1
b. Chemical Oxygen Demand (COD)	18	3035					1	mg/l	lb/day	<5		1
c. Total Organic Carbon (TOC)	5	843					1	mg/l	lb/day	2		1
d. Total Suspended Solids (TSS)	5	843					1	mg/l	lb/day	<5		1
e. Ammonia *(as N)*	<0.1	<84.3					1	mg/l	lb/day	<0.1		1
f. Flow	VALUE 14,052		VALUE		VALUE		1	gpm		VALUE		
g. Temperature *(winter)*	VALUE n/a		VALUE		VALUE		0	°C		VALUE		0
h. Temperature *(summer)*	VALUE 26.8		VALUE		VALUE		8	°C		VALUE 25.7		8
i. pH	MINIMUM 8.46	MAXIMUM 8.55	MINIMUM	MAXIMUM			4	STANDARD UNITS				

PART B - Mark "X: in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data for an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCEN-TRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCEN-TRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCEN-TRATION	c. LONG TERM AVRG. VALUE (2) MASS	d. NO. OF ANAL-YESES	4. UNITS a. CONCEN-TRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCEN-TRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANAL-YSES
a. Bromide (24959-67-9)		X	0.2	33.7					1	mg/l	lb/day	<0.1		1
b. Chlorine, Total Residual		X	0	n/a					4	mg/l		0		1
c. Color	X		38	n/a					1	PCU		23		1
d. Fecal Coliform	X		26	n/a					1	col/100 ml		88		1
e. Fluoride (16984-48-8)		X	0.8	134.9					1	mg/l	lb/day	0.2		1
f. Nitrate-Nitrite *(as N)*	X		0.3	50.6					1	mg/l	lb/day	0.6		1

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic *(as N)*	X		0.5	84.3					1	mg/l	lb/day	0.5		1
h. Oil and Grease		X	<6	<1012					1	mg/l	lb/day	<6		1
I. Phosphorus (as P) Total (7723-14-0)	X		0.03	5.1					1	mg/l	lb/day	<0.02		1
J. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate *(as SO_4)* (14808-79-8)	X		164	27,650					1	mg/l	lb/day	14		1
l. Sulfide *(as SO_3)* (14265-45-3)		X	<0.2	<33.7					1	mg/l	lb/day	<0.2		1
m. Sulfite *(as SO_3)* (14265-45-3)		X	<2	<337					1	mg/l	lb/day	<2		1
n. Surfactants	X		<0.1	<16.9					1	mg/l	lb/day	<0.1		1
o. Aluminum, Total (7440-39-3)	X		0.6	101					1	mg/l	lb/day	0.2		1
p. Barium, Total (7440-39-3)	X		0.21	35.4					1	mg/l	lb/day	0.03		1
q. Boron, Total (7440-42-8)	X		0.46	77.6					1	mg/l	lb/day	<0.04		1
r. Cobalt, Total (7440-48-4)		X	<0.04	<6.7					1	mg/l	lb/day	<0.04		1
s. Iron, Total (7439-89-6)	X		0.20	33.7					1	mg/l	lb/day	0.38		1
t. Magnesium, Total (7439-95-4)	X		7.9	1332					1	mg/l	lb/day	2.4		1
u. Molybdenum, Total (7439-98-7)		X	<0.04	<6.7					1	mg/l	lb/day	<0.04		1
v. Manganese, Total (7439-96-5)	X		0.20	33.7					1	mg/l	lb/day	0.04		1
w. Tin, Total (7440-31-5)		X	<0.04	<6.7					1	mg/l	lb/day	<0.04		1
x. Titanium, Total (7440-32-6)		X	<0.1	<16.9					1	mg/l	lb/day	<0.1		1

CONTINUE ON PAGE V-3

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	
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PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industryand for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for the pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2.4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X	<0.05	<8.4					1	mg/l	lb/day	<0.05		1
2M. Arsenic, Total (7440-38-2)	X		X	<0.03	<5.1					1	mg/l	lb/day	<0.03		1
3M. Beryllium, Total, 7440-41-7	X		X	<0.01	<1.7					1	mg/l	lb/day	<0.01		1
4M. Cadmium, Total (7440-43-9)	X		X	<0.01	<1.7					1	mg/l	lb/day	<0.01		1
5M. Chromium Total (7440-47-3)	X		X	<0.01	<1.7					1	mg/l	lb/day	<0.01		1
6M. Copper, Total (7440-50-8)	X	X		0.08	13.5					1	mg/l	lb/day	<0.02		1
7M. Lead, Total (7439-92-1)	X		X	<0.025	<4.2					1	mg/l	lb/day	<0.025		1
8M. Mercury, Total (7439-97-6)	X		X	<0.0005	<0.08					1	mg/l	lb/day	<0.0005		1
9M. Nickel, Total (7440-02-0)	X		X	<0.02	<3.4					1	mg/l	lb/day	<0.02		1
10M. Selenium, Total (7782-49-2)	X		X	<0.04	<6.7					1	mg/l	lb/day	<0.04		1
11M. Silver, Total (7440-22-4)	X		X	<0.01	<1.7					1	mg/l	lb/day	<0.01		1
12M. Thallium, Total (7440-28-0)	X		X	<0.05	<8.4					1	mg/l	lb/day	<0.05		1
13M. Zinc, Total (7440-66-6)	X		X	<0.02	<3.4					1	mg/l	lb/day	<0.02		1
14M. Cyanide, Total (57-12-5)	X		X	<0.02	<3.4					1	mg/l	lb/day	<0.02		1
15M. Phenols, Total	X		X	<0.1	<16.9					1	mg/l	lb/day	<0. 1		1
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1V. Acrolein (107-02-8)	X		X	<0.050	<8.4					1	mg/l	lb/day	<0.050		1
2V. Acrylonitrile (107-13-1)	X		X	<0.050	<8.4					1	mg/l	lb/day	<0.050		1
3V. Benzene (71-43-2)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
4V. Bis(*Chloromethyl*) Ether (542-88-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
5V. Bromoform (75-25-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
6V. Carbon Tetrachloride(56-23-5)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
7V. Chlorobenzene (108-90-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
8V. Chlorodibromo-methane (124-48-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
9V. Chloroethane (75-00-3)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
11V. Chloroform (67-66-3)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
12V. Dichlorobromo-methane (75-71-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
13V. Dichlorodifluoro-methane (75-71-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
14V. 1,1-Dichloro-ethane (75-34-3)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
15V. 1,2-Dichloro-ethane (107-06-2)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
16V. 1,1-Dichloro-ethylene (75-35-4)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
17V. 1,2-Dichloro-propane (78-87-5)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
18V. 1,3-Dichloro-propylene (542-75-6)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
19V. Ethylbenzene (100-41-4)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
20V. Methyl Bromide (74-83-9)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
21V. Methyl Chloride (74-87-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1): GAD000612796

OUTFALL NUMBER: 01

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Testing Required	b. Believed Present	b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
23V.1,1,2,2Tetra-chloroethane (79-34-5)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
24V. Tetrachloroethylene (127-18-4)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
25V. Toluene (108-88-3)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
26V. 1,2-Trans-Dichloro-ethylene (156-60-5)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
27V. 1,1,1-Trichloroethane (71-56-6)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
29V. Trichloroethylene (79-01-6)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
30V. Trichlorofluoro-methane (75-69-4)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
31V. Vinyl Chloride (75-01-4)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
GC/MS FRACTION — ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
2A. 2,4-Dichlorophenol (120-83-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
3A. 2,4-Dimethylphenol (105-67-9)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	<0.050	<8.4					1	mg/l	lb/day	<0.050		1
5A. 2,4-Dinitrophenol (51-28-5)	X		X	<0.050	<8.4					1	mg/l	lb/day	<0.050		1
6A. 2-Nitrophenol (88-75-5)	X		X	<0.050	<8.4					1	mg/l	lb/day	<0.050		1
7A. 4-Nitrophenol (100-02-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
8A. P-Chloro-M-Cresol (59-50-7)	X		X	<0.020	<3.4					1	mg/l	lb/day	<0.020		1
9A. Pentachlorophenol (87-86-5)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
10A. Phenol (108-95-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
11A. 2,4,6-Trichloro-phenol (88-06-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1

CONTINUE ON REVERSE

CONTINUED FROM FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
2B. Acenaphtylene (208-96-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
3B. Anthracene (120-12-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
4B. Benzidine (92-87-5)	X		X	<0.080	<13.5					1	mg/l	lb/day	<0.080		1
5B. Benzo *(a)* Anthracene (56-55-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
6B. Benzo *(a)* Pyrene (50-32-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
7B. 3,4-Benzo-fluoranthene (205-99-2_	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
8B. Benzo *(ghi)* Perylene (191-24-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
9B. Benzo *(k)*Fluoranthene (207-08-9)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
10B. Bis *(2-Chloroethoxy)* Methane (111-91-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
11B. Bis *(2-Chloroethyl)* Ether (111-44-4)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
12B. Bis *(2-Chloro-isopropyl)* Ether (102-60-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
13B. Bis *(2-Ethylhexyl)* Phthalate (117-81-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
16B. 2-Chloronaphthalene (91-58-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
18B. Chrysene (218-01-9)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
19B. Dibenzo *(a,h)* Anthracene (53-70-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
20B. 1,2-Dichloro-benzene (95-50-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
21B. 1,3-Dichloro-benzene (541-73-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*: GAD000612796

OUTFALL NUMBER: 01

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OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X	<0.020	<3.4					1	mg/l	lb/day	<0.020		1
24B. Diethyl Phthalate (84-66-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
25B. Dimethyl Phthalate (131-11-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	<0.020	<3.4					1	mg/l	lb/day	<0.020		1
27B. 2,4-Dinitrotoluene (121-14-2)	X		X	<0.020	<3.4					1	mg/l	lb/day	<0.020		1
28B. 2,6-Dinitrotoluene (606-20-2)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
29B. Di-N-OctylPhthalate (117-84-0)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
30B. 1,2-Diphenyl-hydrazine *(as Azobenzene)* (122-66-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
31B. Fluoranthene (206-44-0)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
32B. Fluorene (86-73-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
33B. Hexachlorobenzene (118-74-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
34B. Hexachlorobutadiene (87-68-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
35B. Hexachlorocyclo-pentadiene (77-47-4)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
36B. Hexachloroethane (67-72-1)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
38B. Isophorone (78-59-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
39B. Naphthalene (91-20-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
40B. Nitrobenzene (98-95-3)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
41B. N-Nitrosodimethylamine (62-75-9)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1

CONTINUE ON REVERSE

CONTINUED FROM FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Testing Required	b. Believed Present	b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6_	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
44B. Phenanthrene (85-01-8)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
45B. Pyrene (129-00-0)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X	<0.010	<1.7					1	mg/l	lb/day	<0.010		1
1P. Aldrin (309-00-2)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
2P. α-BHC (319-84-6)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
3P. β-BHC (319-85-7)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
4P. γ-BHC (58-89-9)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
5P. δ-BHC (319-86-8)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
6P. Chlordane (57-74-9)	X		X	<0.0005	<0.08					1	mg/l	lb/day	<0.0005		1
7P. 4,4'-DDT (50-29-3)	X		X	<0.0002	<0.03					1	mg/l	lb/day	<0.0002		1
8P. 4,4'-DDE (72-55-9)	X		X	<0.0002	<0.03					1	mg/l	lb/day	<0.0002		1
9P. 4,4'-DDD (72-54-8)	X		X	<0.0002	<0.03					1	mg/l	lb/day	<0.0002		1
10P. Dieldrin (60-57-1)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
11P. α-Endosulfan (115-29-7)	X		X	<0.0005	<0.08					1	mg/l	lb/day	<0.0005		1
12P. β-Endosulfan (115-29-7)	X		X	<0.0005	<0.08					1	mg/l	lb/day	<0.0005		1
13P. Endosulfan Sulfate (1031-07-8)	X		X	<0.0005	<0.08					1	mg/l	lb/day	<0.0005		1
14P. Endrin (72-20-8)	X		X	<0.0002	<0.03					1	mg/l	lb/day	<0.0002		1
15P. Endrin Aldehyde (7421-93-4)	X		X	<0.0002	<0.03					1	mg/l	lb/day	<0.0002		1
16P. Heptachlor (76-44-8)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
GAD000612796	01

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	X		X	<0.0001	<0.02					1	mg/l	lb/day	<0.0001		1
18P. PCB-1242 (53469-21-9)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
19P. PCB-1254 (11097-69-1)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
20P. PCB-1221 (11104-28-2)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
21P. PCB-1232 (11141-16-5)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
22P. PCB-1248 (12672-29-6)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
23P. PCB-1260 (11096-82-5)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
24P. PCB-1016 (12674-11-2)	X		X	<0.001	<0.17					1	mg/l	lb/day	<0.001		1
25P. Toxaphene (8001-35-2)	X		X	<0.002	<0.3					1	mg/l	lb/day	<0.002		1

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets *(use the same format)* instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*
GAD000612796

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO. 04

PART A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCEN-TRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCEN-TRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCEN-TRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANALYSES	3. UNITS *(specify if blank)* a. CONCEN-TRATION	3. UNITS b. MASS	4. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCEN-TRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (BOD)	<5	<91.5					1	mg/l	lb/day	<5		1
b. Chemical Oxygen Demand (COD)	10	183					1	mg/l	lb/day	<5		1
c. Total Organic Carbon (TOC)	2	36.6					1	mg/l	lb/day	2		1
d. Total Suspended Solids (TSS)	<5	<91.5					1	mg/l	lb/day	<5		1
e. Ammonia *(as N)*	<0.1	<1.8					1	mg/l	lb/day	<0.1		1
f. Flow	VALUE 1,527		VALUE		VALUE		1	gpm		VALUE		
g. Temperature *(winter)*	VALUE n/a		VALUE		VALUE		0	°C		VALUE		0
h. Temperature *(summer)*	VALUE 26.7		VALUE		VALUE		8	°C		VALUE 26.5		8
i. pH	MINIMUM 7.11	MAXIMUM 7.40	MINIMUM	MAXIMUM			4	STANDARD UNITS				

PART B - Mark "X: in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data for an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCEN-TRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCEN-TRATION	b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	c. LONG TERM AVRG. VALUE *(if available)* (1) CONCEN-TRATION	c. LONG TERM AVRG. VALUE *(if available)* (2) MASS	d. NO. OF ANAL-YESES	4. UNITS a. CONCEN-TRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVERAGE VALUE (1) CONCEN-TRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANAL-YSES
a. Bromide (24959-67-9)	X		<0.1	<1.8					1	mg/l	lb/day	<0.1		1
b. Chlorine, Total Residual		X	0	n/a					4	mg/l		0		1
c. Color	X		20	n/a					1	PCU		20		1
d. Fecal Coliform	X		116	n/a					1	col/100 ml		160		1
e. Fluoride (16984-48-8)	X		0.2	3.7					1	mg/l	lb/day	0.2		1
f. Nitrate-Nitrite *(as N)*		X	<0.1	<1.8					1	mg/l	lb/day	<0.1		1

CONTINUE ON REVERSE

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic *(as N)*	X		0.7	12.8					1	mg/l	lb/day	<0.4		1
h. Oil and Grease		X	<6	<109					1	mg/l	lb/day	<6		1
I. Phosphorus (as P) Total (7723-14-0)		X	<0.02	<0.4					1	mg/l	lb/day	<0.02		1
J. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate *(as SO_4)* (14808-79-8)	X		7	128					1	mg/l	lb/day	7		1
l. Sulfide *(as SO_3)* (14265-45-3)		X	<0.2	<3.7					1	mg/l	lb/day	<0.2		1
m. Sulfite *(as SO_3)* (14265-45-3)		X	<2	<36.6					1	mg/l	lb/day	<2		1
n. Surfactants		X	<0.1	<1.8					1	mg/l	lb/day	<0.1		1
o. Aluminum, Total (7440-39-3)		X	<0.1	<1.8					1	mg/l	lb/day	<0.1		1
p. Barium, Total (7440-39-3)	X		0.03	0.5					1	mg/l	lb/day	0.02		1
q. Boron, Total (7440-42-8)		X	<0.04	<0.7					1	mg/l	lb/day	<0.04		1
r. Cobalt, Total (7440-48-4)		X	<0.04	<0.7					1	mg/l	lb/day	<0.04		1
s. Iron, Total (7439-89-6)	X		0.10	1.8					1	mg/l	lb/day	0.08		1
t. Magnesium, Total (7439-95-4)	X		2.2	40.3					1	mg/l	lb/day	2.1		1
u. Molybdenum, Total (7439-98-7)		X	<0.04	<0.7					1	mg/l	lb/day	<0.04		1
v. Manganese, Total (7439-96-5)	X		0.38	7.0					1	mg/l	lb/day	0.08		1
w. Tin, Total (7440-31-5)		X	<0.04	<0.7					1	mg/l	lb/day	<0.04		1
x. Titanium, Total (7440-32-6)		X	<0.1	<1.8					1	mg/l	lb/day	<0.1		1

CONTINUE ON PAGE V-3

CONTINUED FROM PAGE 3 OF FORM 2-C

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	
GAD000612796	04

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industryand for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for the pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2.4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (all 7 pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X	<0.05	<0.9					1	mg/l	lb/day	<0.05		1
2M. Arsenic, Total (7440-38-2)	X		X	<0.03	<0.5					1	mg/l	lb/day	<0.03		1
3M. Beryllium, Total, 7440-41-7	X		X	<0.01	<0.2					1	mg/l	lb/day	<0.01		1
4M. Cadmium, Total (7440-43-9)	X		X	<0.01	<0.2					1	mg/l	lb/day	<0.01		1
5M. Chromium Total (7440-47-3)	X		X	<0.01	<0.2					1	mg/l	lb/day	<0.01		1
6M. Copper, Total (7440-50-8)	X		X	<0.02	<0.4					1	mg/l	lb/day	<0.02		1
7M. Lead, Total (7439-92-1)	X		X	<0.025	<0.46					1	mg/l	lb/day	<0.025		1
8M. Mercury, Total (7439-97-6)	X		X	<0.0005	<0.01					1	mg/l	lb/day	<0.0005		1
9M. Nickel, Total (7440-02-0)	X		X	<0.02	<0.4					1	mg/l	lb/day	<0.02		1
10M. Selenium, Total (7782-49-2)	X		X	<0.04	<0.7					1	mg/l	lb/day	<0.04		1
11M. Silver, Total (7440-22-4)	X		X	<0.01	<0.2					1	mg/l	lb/day	<0.01		1
12M. Thallium, Total (7440-28-0)	X		X	<0.05	<0.9					1	mg/l	lb/day	<0.05		1
13M. Zinc, Total (7440-66-6)	X	X		0.04	0.7					1	mg/l	lb/day	0.02		1
14M. Cyanide, Total (57-12-5)	X		X	<0.02	<0.4					1	mg/l	lb/day	<0.02		1
15M. Phenols, Total	X		X	<0.1	<1.8					1	mg/l	lb/day	<0.1		1
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUE ON REVERSE

CONTINUED FROM FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1V. Acrolein (107-02-8)	X		X	<0.050	<0.9					1	mg/l	lb/day	<0.050		1
2V. Acrylonitrile (107-13-1)	X		X	<0.050	<0.9					1	mg/l	lb/day	<0.050		1
3V. Benzene (71-43-2)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
4V. Bis(*Chloromethyl*) Ether (542-88-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
5V. Bromoform (75-25-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
6V. Carbon Tetrachloride(56-23-5)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
7V. Chlorobenzene (108-90-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
8V. Chlorodibromo-methane (124-48-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
9V. Chloroethane (75-00-3)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
11V. Chloroform (67-66-3)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
12V. Dichlorobromo-methane (75-71-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
13V. Dichlorodifluoro-methane (75-71-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
14V. 1,1-Dichloro-ethane (75-34-3)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
15V. 1,2-Dichloro-ethane (107-06-2)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
16V. 1,1-Dichloro-ethylene (75-35-4)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
17V. 1,2-Dichloro-propane (78-87-5)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
18V. 1,3-Dichloro-propylene (542-75-6)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
19V. Ethylbenzene (100-41-4)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
20V. Methyl Bromide (74-83-9)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
21V. Methyl Chloride (74-87-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

EPA I.D. NUMBER (copy from Item 1 of Form 1): GAD000612796

OUTFALL NUMBER: 04

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X' a. Testing Required	b. Believed Present	b. Believed Absent	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVRG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION — VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
23V.1,1,2,2Tetra-chloroethane (79-34-5)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
24V. Tetrachloroethylene (127-18-4)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
25V. Toluene (108-88-3)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
26V. 1,2-Trans-Dichloro-ethylene (156-60-5)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
27V. 1,1,1-Trichloroethane (71-56-6)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
29V. Trichloroethylene (79-01-6)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
30V. Trichlorofluoro-methane (75-69-4)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
31V. Vinyl Chloride (75-01-4)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
GC/MS FRACTION — ACID COMPOUNDS										<0.2					
1A. 2-Chlorophenol (95-57-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
2A. 2,4-Dichlorophenol (120-83-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
3A. 2,4-Dimethylphenol (105-67-9)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	<0.050	<0.9					1	mg/l	lb/day	<0.050		1
5A. 2,4-Dinitrophenol (51-28-5)	X		X	<0.050	<0.9					1	mg/l	lb/day	<0.050		1
6A. 2-Nitrophenol (88-75-5)	X		X	<0.050	<0.9					1	mg/l	lb/day	<0.050		1
7A. 4-Nitrophenol (100-02-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
8A. P-Chloro-M-Cresol (59-50-7)	X		X	<0.020	<0.4					1	mg/l	lb/day	<0.020		1
9A. Pentachlorophenol (87-86-5)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
10A. Phenol (108-95-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
11A. 2,4,6-Trichloro-phenol (88-06-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1

CONTINUE ON REVERSE

CONTINUED FROM FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
2B. Acenaphtylene (208-96-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
3B. Anthracene (120-12-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
4B. Benzidine (92-87-5)	X		X	<0.080	<1.46					1	mg/l	lb/day	<0.080		1
5B. Benzo *(a)* Anthracene (56-55-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
6B. Benzo *(a)* Pyrene (50-32-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
7B. 3,4-Benzo-fluoranthene (205-99-2_	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
8B. Benzo *(ghi)* Perylene (191-24-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
9B. Benzo *(k)*Fluoranthene (207-08-9)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
10B. Bis *(2-Chloroethoxy)* Methane (111-91-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
11B. Bis *(2-Chloroethyl)* Ether (111-44-4)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
12B. Bis *(2-Chloro-isopropyl)* Ether (102-60-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
13B. Bis *(2-Ethylhexyl)* Phthalate (117-81-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
16B. 2-Chloronaphthalene (91-58-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
18B. Chrysene (218-01-9)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
19B. Dibenzo *(a,h)* Anthracene (53-70-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
20B. 1,2-Dichloro-benzene (95-50-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
21B. 1,3-Dichloro-benzene (541-73-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1

CONTINUE ON PAGE V-7

CONTINUED FROM PAGE V-6

EPA I.D. NUMBER *(copy from Item 1 of Form 1)*	OUTFALL NUMBER
GAD000612796	04

Form Approved.
OMB No. 2040-0086
Approval expires 7-31-88

1. POLLUTANT AND CAS NUMBER *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVRG. VALUE *(if available)*		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
22B. 1,4-Dichlorobenzene (106-46-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X	<0.020	<0.4					1	mg/l	lb/day	<0.020		1
24B. Diethyl Phthalate (84-66-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
25B. Dimethyl Phthalate (131-11-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
27B. 2,4-Dinitrotoluene (121-14-2)	X		X	<0.020	<0.4					1	mg/l	lb/day	<0.020		1
28B. 2,6-Dinitrotoluene (606-20-2)	X		X	<0.020	<0.4					1	mg/l	lb/day	<0.020		1
29B. Di-N-OctylPhthalate (117-84-0)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
30B. 1,2-Diphenyl-hydrazine *(as Azobenzene)* (122-66-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
31B. Fluoranthene (206-44-0)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
32B. Fluorene (86-73-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
33B. Hexachlorobenzene (118-74-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
34B. Hexachlorobutadiene (87-68-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
35B. Hexachlorocyclo-pentadiene (77-47-4)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
36B. Hexachloroethane (67-72-1)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1
37B. Indeno *(1,2,3-cd)* Pyrene (193-39-5)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
38B. Isophorone (78-59-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
39B. Naphthalene (91-20-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
40B. Nitrobenzene (98-95-3)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
41B. N-Nitrosodimethylamine (62-75-9)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1

CONTINUE ON REVERSE

CONTINUED FROM FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — BASE/NEUTRAL COMPOUNDS *(continued)*															
43B. N-Nitrosodiphenylamine (86-30-6_	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
44B. Phenanthrene (85-01-8)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
45B. Pyrene (129-00-0)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X	<0.010	<0.2					1	mg/l	lb/day	<0.010		1
GC/MS FRACTION — PESTICIDES															
1P. Aldrin (309-00-2)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
2P. α-BHC (319-84-6)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
3P. β-BHC (319-85-7)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
4P. γ-BHC (58-89-9)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
5P. δ-BHC (319-86-8)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
6P. Chlordane (57-74-9)	X		X	<0.0005	<0.01					1	mg/l	lb/day	<0.0005		1
7P. 4,4'-DDT (50-29-3)	X		X	<0.0002	<0.004					1	mg/l	lb/day	<0.0002		1
8P. 4,4'-DDE (72-55-9)	X		X	<0.0002	<0.004					1	mg/l	lb/day	<0.0002		1
9P. 4,4'-DDD (72-54-8)	X		X	<0.0002	<0.004					1	mg/l	lb/day	<0.0002		1
10P. Dieldrin (60-57-1)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
11P. α-Endosulfan (115-29-7)	X		X	<0.0005	<0.01					1	mg/l	lb/day	<0.0005		1
12P. β-Endosulfan (115-29-7)	X		X	<0.0005	<0.01					1	mg/l	lb/day	<0.0005		1
13P. Endosulfan Sulfate (1031-07-8)	X		X	<0.0005	<0.01					1	mg/l	lb/day	<0.0005		1
14P. Endrin (72-20-8)	X		X	<0.0002	<0.004					1	mg/l	lb/day	<0.0002		1
15P. Endrin Aldehyde (7421-93-4)	X		X	<0.0002	<0.004					1	mg/l	lb/day	<0.0002		1
16P. Heptachlor (76-44-8)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1

CONTINUE ON PAGE V-9

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
GAD000612796	04

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Approval expires 7-31-88

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	a. Testing Required	b. Believed Present	b. Believed Absent	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION — PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	X		X	<0.0001	<0.002					1	mg/l	lb/day	<0.0001		1
18P. PCB-1242 (53469-21-9)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
19P. PCB-1254 (11097-69-1)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
20P. PCB-1221 (11104-28-2)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
21P. PCB-1232 (11141-16-5)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
22P. PCB-1248 (12672-29-6)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
23P. PCB-1260 (11096-82-5)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
24P. PCB-1016 (12674-11-2)	X		X	<0.001	<0.02					1	mg/l	lb/day	<0.001		1
25P. Toxaphene (8001-35-2)	X		X	<0.002	<0.04					1	mg/l	lb/day	<0.002		1

PLANT SCHERER
ASH POND CO-TREATMENT EVALUATION
February 2006

A) DRY WEATHER FLOW

This section calculates the maximum flow to the ash pond with no rain present. Drawing a control volume around the pond there are two inflows being waste water pumps and coal pile runoff pumps. Ash recycle is a net of zero because outfall equals inflow.

1a) Ash transport out=ash transport in (net zero)
1b) Plant Scherer has 5 waste water pumps capable of pumping 3000 gpm each for a total of 15,000 gpm. Flow from Scherer drawing E1M6039.
1c Coal pile Run off has 2 pumps each capable of pumping 6000 gpm so the coal pile run off maximum total is 12,000 gpm

Summing these inflows this is 15,000 + 12,000 or 27,000 gpm maximum (This is very non-conservative high flow estimate) The volume is 27,000 gpm * 60 min/hr*24hr/day = 38.88 MGPD

B) RAINFALL RUN-OFF

Watershed Runoff is conservatively estimated at 313 acres and ash pond surface is 490 acres. Summing both total runoff area is 803 acres.

From NOAA, the maximum 10 year, 24 hr storm will give no more than 6 inches of rainfall. Using the very conservative approach that no rainfall soak in the ground, this will give a surface area of (1 acre is 43559.66 sqft) 34978407 sq ft. The 6 inches of rain in a 24 hour period will give this area a volume of ½ ft * 34978407 or 17489204 cuft of water. Since 7.48 gallons are in 1 cubic ft, the volume of this rain in gallons is 130819242 gallons in one day or130.82 MGD

C) REQUIRED WATER VOLUME (FOR CO-TREATMENT)

(A) DRY WEATHER FLOW + (B) RAINFALL RUNNOFF or
38.88 MGD+130.82MGD=169.7 MGD

D) ASH POND REMAINING STORAGE

Ash pond remaining in 2012 is 9,711,155 cubic yards. Since 1 cu yard is 201.974 gallons this is 1961 MGD

E) CONCLUSION

Since at eand of 2012 the projected colume remaining is 1961 MDG (REMAINING STORAGE) >> 169.7 MDG (REQUIRED WATER VOLUME) the ash pond capacity is sufficient.

Scherer chrome and zinc monitoring results

Limits (avg and max are same): Chrome = 0.2 mg/l; Zinc = 1.0 mg/l

Cooling Tower Outfalls limited 1/yr:

01A Blowdown
01C Unit 3 overflow
01D Unit 4 overflow
05 Unit 1 overflow
06 Unit 2 overflow

Date	Outfall	Cr (MDL = 0.0040)	Zn (MDL = 0.0020)
1/9/2006	01A 1	ND	0.0066
1/9/2006	01A 2	ND	0.0055
1/9/2006	01A 3	ND	0.0021
1/9/2006	01A 4	ND	0.0064
5/6/2005	06	ND	0.0048
1/3/2005	01A 1	ND	ND
1/3/2005	01A 2	ND	ND
1/3/2005	01A 3	ND	ND
1/3/2005	01A 4	ND	ND
7/12/2004	06	ND	ND
6/22/2004	05	0.0038 *	ND
5/5/2004	06	ND	ND
3/31/2004	01C	ND	ND
3/13/2004	06	ND	0.0078
1/15/2004	06	ND	0.012
1/12/2004	01A 1	ND	ND
1/12/2004	01A 2	ND	ND
1/12/2004	01A 3	ND	ND
1/12/2004	01A 4	ND	ND
6/18/2003	05	ND	ND
6/6/2003	06	ND	ND
1/28/2003	06	0.0042	0.008
1/6/2003	01A 1	ND	0.019
1/6/2003	01A 2	ND	0.015
1/6/2003	01A 3	ND	0.0076
1/6/2003	01A 4	ND	0.0070
1/4/2002	01A 1	ND	0.016
1/4/2002	01A 2	ND	0.019
1/4/2002	01A 3	ND	0.018
1/4/2002	01A 4	ND	0.020

* MDL = 0.0030 at that time
ND = Not Detected

Cooling Water Intake Structure Information for Plant Scherer

Plant Scherer has a closed-cycle recirculating hyperbolic natural draft cooling tower for each of its four units. Therefore, Plant Scherer meets the applicable 316(b) performance standards under compliance option one of 40 CFR 125.94(a)(1)(i) as follows:

> *(1)(i)You may demonstrate to the Director that you have reduced, or will reduce, your flow commensurate with a closed-cycle recirculating system. In this case, you are deemed to have met the applicable performance standards and will not be required to demonstrate further that your facility meets the impingement mortality and entrainment performance standards specified in paragraph (b) of this section. In addition, you are not subject to the requirements in §§ 125.95, 125.96, 125.97, or 125.98.*

Even though the plant is in compliance with the 316(b) rule, the rule requires submittal of key pieces of information, including source water physical data, cooling water intake structure data, and cooling water system data in accordance with 40 CFR 122.21(r)(2), (3) and (5). The information is provided below:

Source water physical data.

Plant Scherer withdraws cooling water from Lake Juliette, a 3,600-acre freshwater impoundment of Rum Creek, constructed by Georgia Power for this purpose in 1982. Lake Juliette has a volume of 115,000 acre-feet at annual mean level and a retention time greater than 60 days. According to 40 CFR 125.93, a reservoir is defined as having an average hydraulic retention time of more than 7 days. In June through September 2005, the average mean water column temperature was 22.6°C.

The elevation of Lake Juliette is dependent upon rainfall and flows in Rum Creek. Additional water is transferred from the nearby Ocmulgee River pumping station as needed. Pumping is done only when the river is high enough to keep downstream users from being affected. Normal elevation is 435 feet, with 414 feet and 440 feet low and high level elevations, respectively.

See the attached topographical map segment (supporting document 3) for the location of Lake Juliette.

Cooling water intake structure data.

The cooling water intake structure is submerged and its entrance is located near the shoreline. The centerline of the pump suction is at 408' (the normal lake level is 435'). It is located on the north side of Lake Juliette at latitude 33°03'14" and longitude 83°48'22". It is equipped with double entry/single exit dual flow traveling screens.

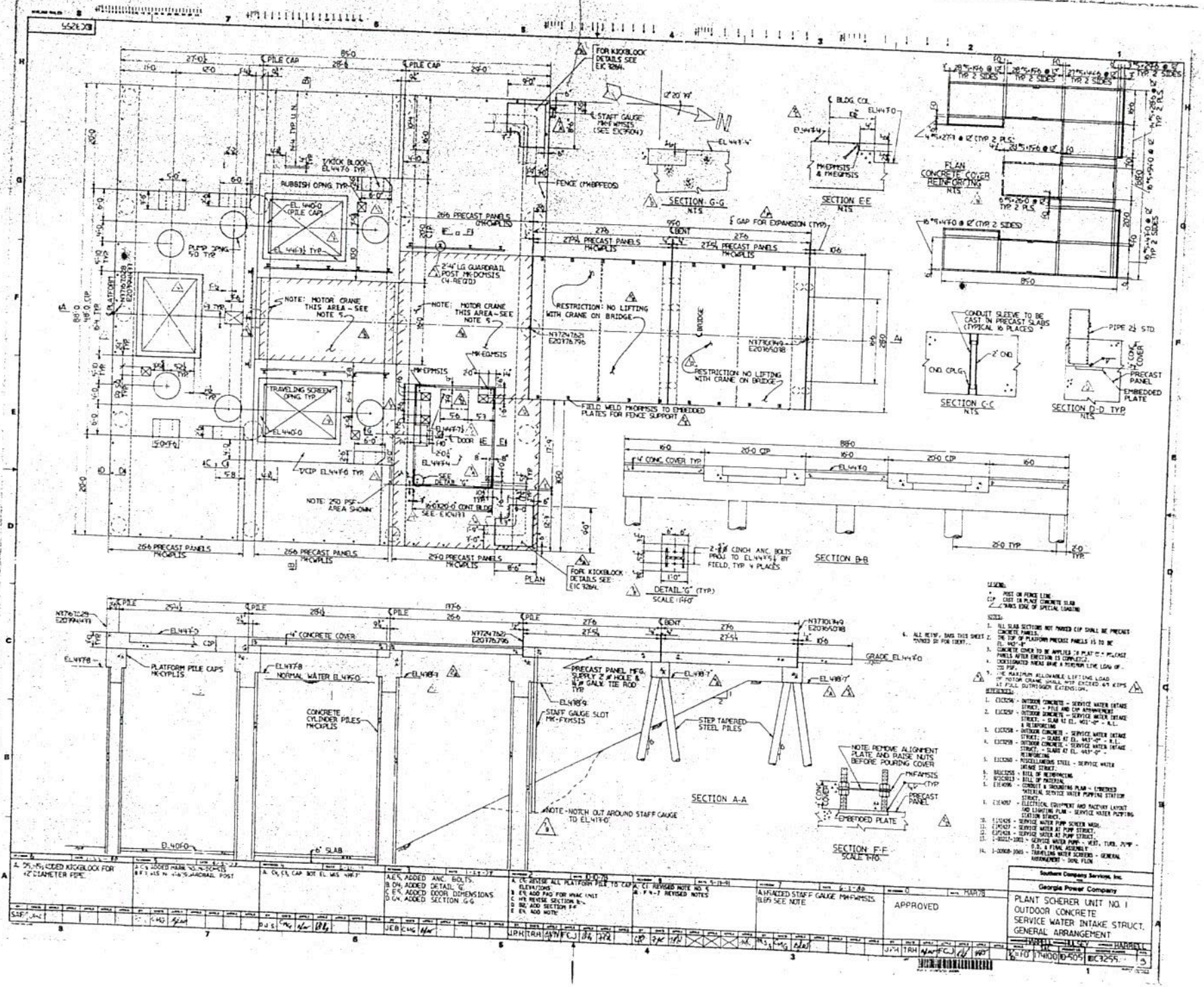
Plant Scherer is a base load facility and at least one unit is in operation approximately 345 days per year (this number could vary, depending on the extent of maintenance

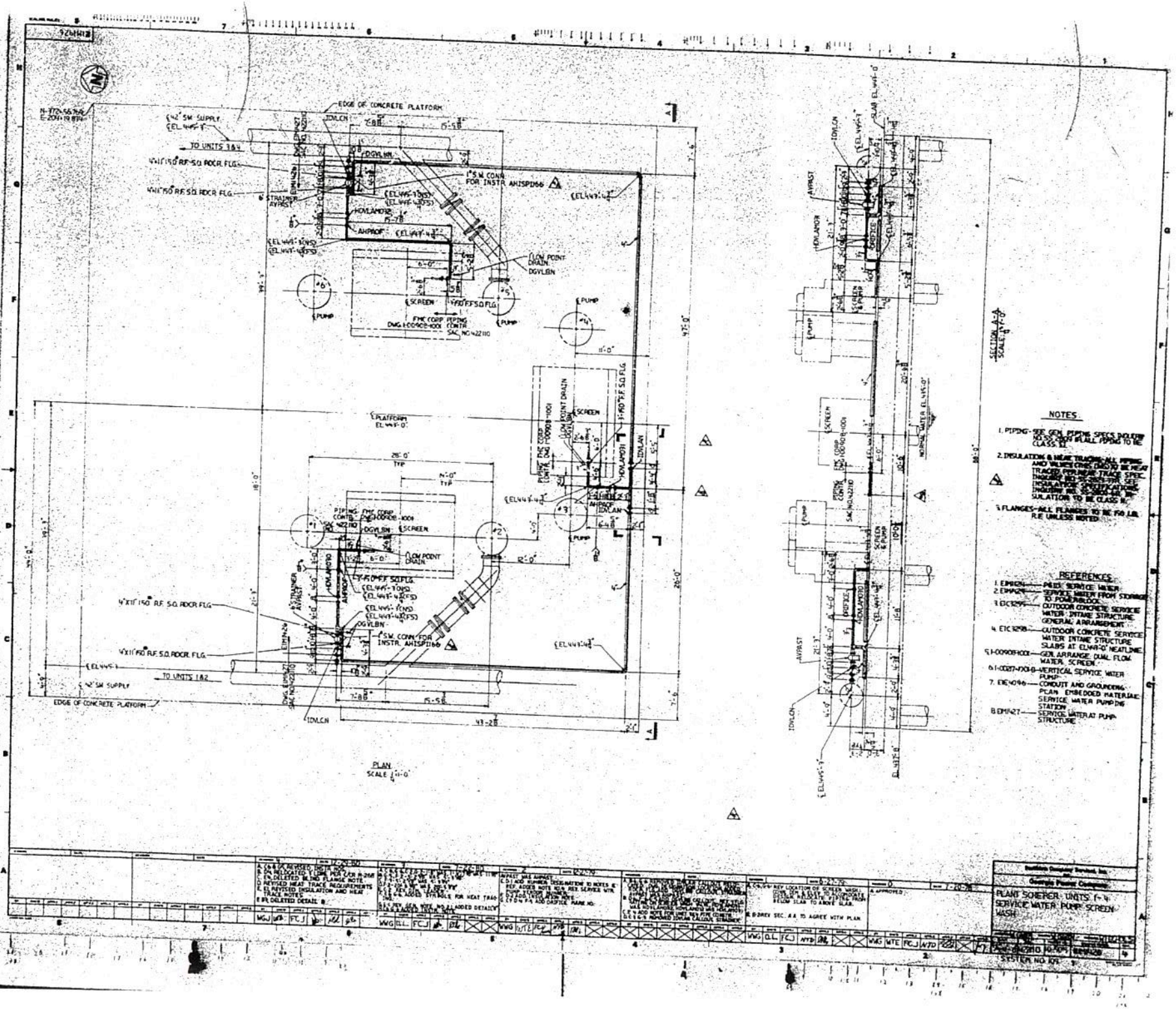
outages). The cooling water intake structure is in operation whenever Plant Scherer is in operation.

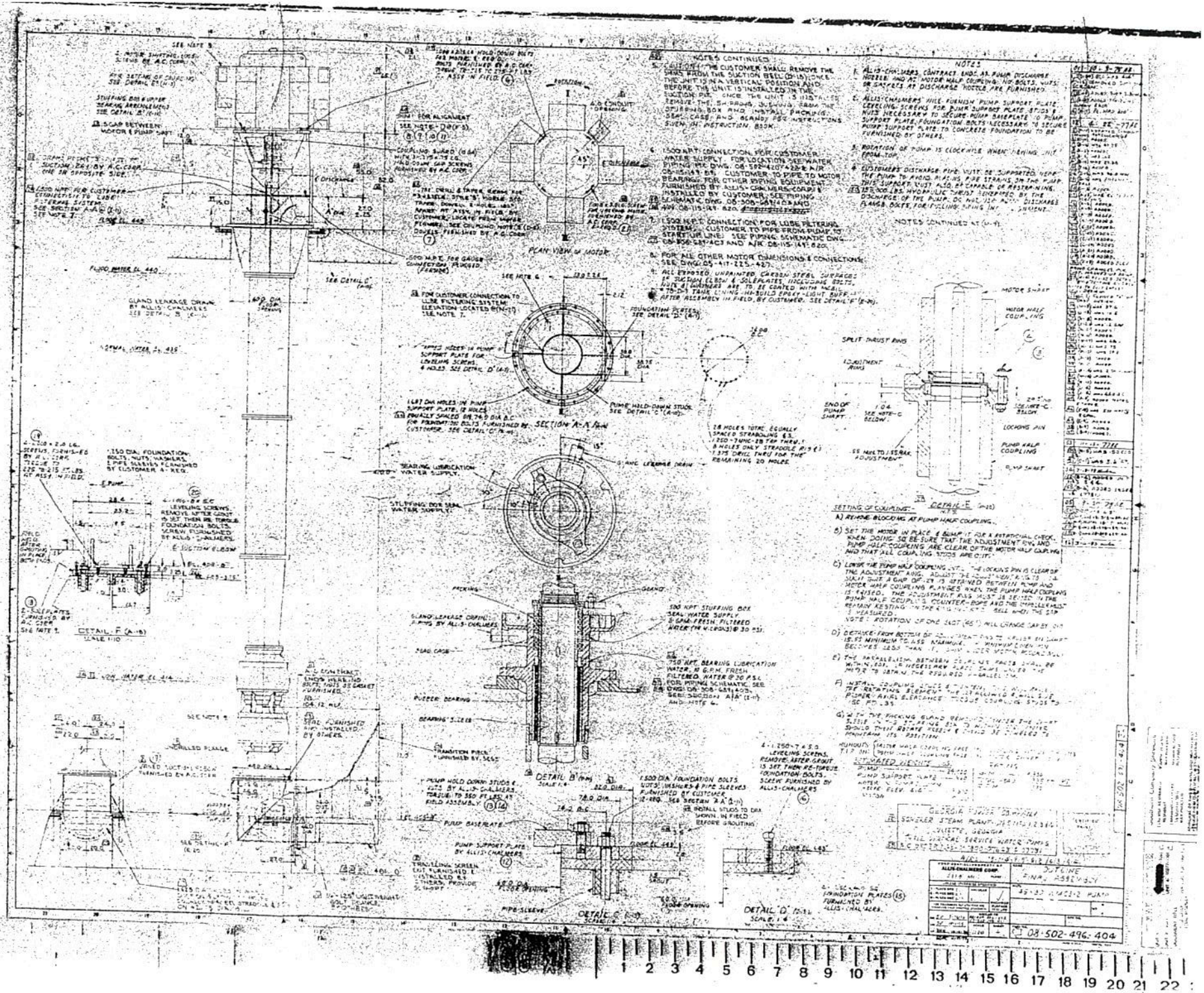
A NPDES Flow Diagram (supporting document 1), water balance diagram, and engineering drawings of the cooling water intake structure are included with this application.

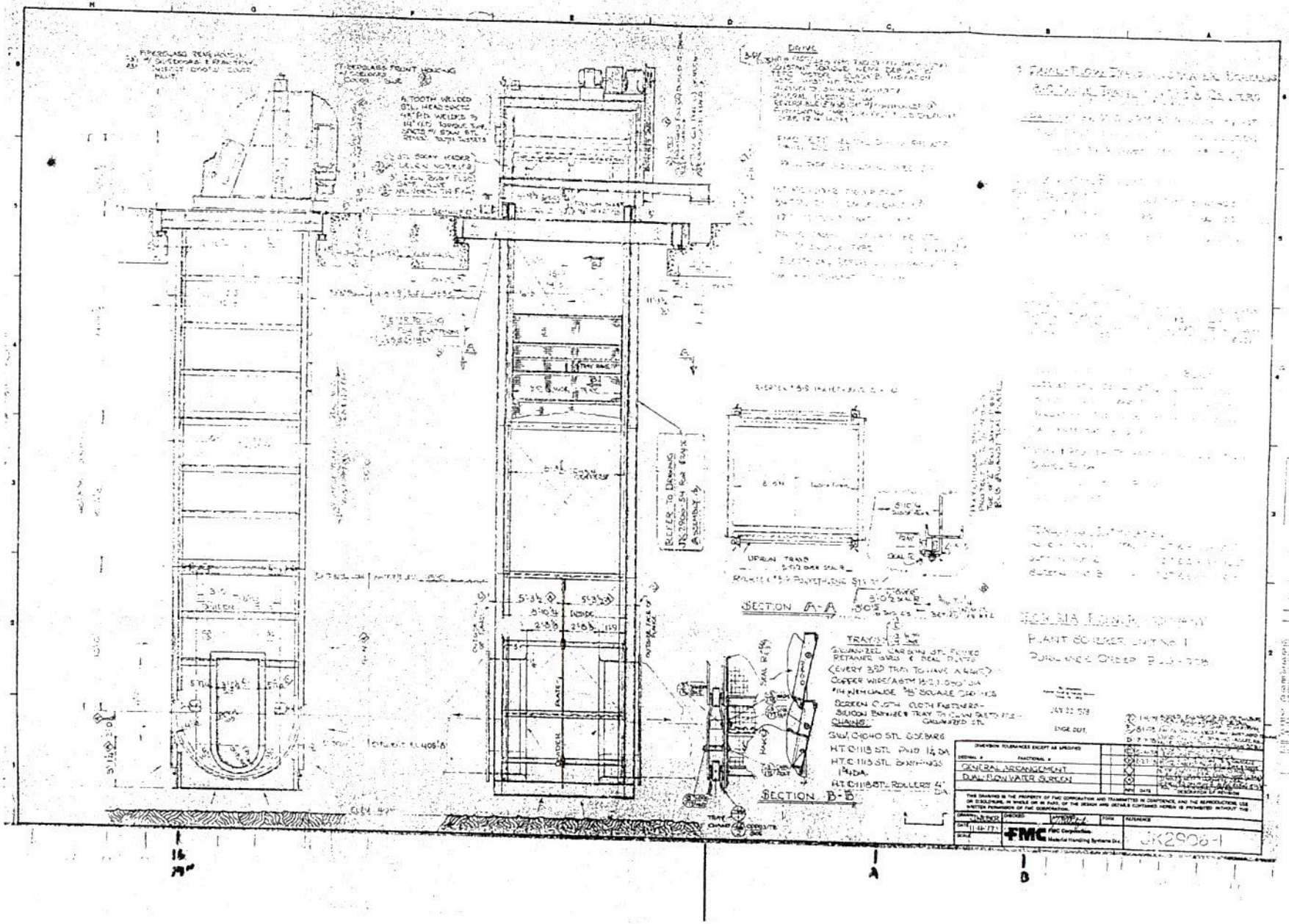
Cooling water system data.

The maximum design intake flow for the Lake Juliette cooling water intake structure is 172 MGD. Normal flow for this intake is 97 MGD. Of the 97 MGD drawn per day, 62% is used for plant heat exchangers, and 30% goes straight to replace evaporation losses in cooling tower. The remaining 8 % is used for miscellaneous services such as demineralized water, fire protection, irrigation, dust suppression, and ash sluice make-up. As mentioned, Plant Scherer is a base load facility and the cooling water system is in operation whenever Plant Scherer is in operation.


PLAN
SECTION G-G
SECTION E-E
PLAN CONCRETE COVER REINFORCING
SECTION C-C
SECTION D-D TYP
SECTION B-B
DETAIL "G" (TYP)
SECTION A-A
SECTION F-F
NOTE: MOTOR CRANE THIS AREA - SEE NOTE 5
RESTRICTION: NO LIFTING WITH CRANE ON BRIDGE
FOR KICKBLOCK DETAILS SEE EIC 326A.
FIELD WELD MK-EMMSIS TO EMBEDDED PLATES FOR FENCE SUPPORT
NOTE: 250 PSF AREA SHOWN
NOTE: REMOVE ALIGNMENT PLATE AND RAISE NUTS BEFORE POURING COVER
NOTE - NOTCH OUT AROUND STAFF GAUGE TO EL 419'-0"
PRECAST PANEL MFG. SUPPLY 2 ø HOLE & ½ø GALV. TIE ROD TYP
PLATFORM PILE CAPS MK-PLIS
CONCRETE CYLINDER PILES MK-PLIS
STEP TAPERED STEEL PILES
STAFF GAUGE SLOT MK-FXMSIS
NORMAL WATER EL 495'-0"
4" CONCRETE COVER
GRADE EL 447'-0"
6" SLAB
EMBEDDED PLATE
PRECAST PANEL
CONDUIT SLEEVE TO BE CAST IN PRECAST SLABS (TYPICAL 16 PLACES)
PIPE 2½ STD
GAP FOR EXPANSION (TYP)
APPROVED
Southern Company Services, Inc.
Georgia Power Company
PLANT SCHERER UNIT NO. 1
OUTDOOR CONCRETE
SERVICE WATER INTAKE STRUCT.
GENERAL ARRANGEMENT


PLAN
SCALE 1/4"=1'-0"
SECTION A-A
SCALE 1/4"=1'-0"
EDGE OF CONCRETE PLATFORM
TO UNITS 3&4
TO UNITS 1&2
4"SW SUPPLY
4"X11"150 RF S.O. RDCR FLG
1"S.W. CONN FOR INSTR. AHISP066
1"S.W. CONN FOR INSTR. AHISP116
STRAINER AVRAST
HOVLAN078
HOVLAN031
AHPROF
LOW POINT DRAIN
DGVLBN
SCREEN
PUMP
FMC CORP. PIPING CONTR. DWG 100962E-1001 SAC NO 422110
PLATFORM EL 449'-0"
NORMAL WATER EL 445'-0"
SCALE EL 445'-0"
EL 442'-9"
EL 432'-6"
NOTES
1. PIPING - SEE GEN. PIPING SPECS INCLUDE NO. 55-0001 ALL PIPING TO BE CLASS B.
2. INSULATION & HEAT TRACING - ALL PIPING AND VALVES CONTAINING TO BE HEAT TRACED PER HEAT TRACE SPEC. INCLUDE NO. 55-0001-TYP. SEE INSULATION SPECIFICATIONS INCLUDE NO. 55-0001-B. INSULATION TO BE CLASS B.
3. FLANGES - ALL FLANGES TO BE 150 LB. R.F. UNLESS NOTED.
REFERENCES
1. E1M1024 — PLAN SERVICE WATER
2. E1M1429 — SERVICE WATER FROM STORAGE TO POWERHOUSE
3. E1C1295 — OUTDOOR CONCRETE SERVICE WATER INTAKE STRUCTURE GENERAL ARRANGEMENT
4. E1C1298 — OUTDOOR CONCRETE SERVICE WATER INTAKE STRUCTURE SLABS AT EL 449'-0" NEATLINE
5. 1-00908-1001 — GEN. ARRANGE. DUAL FLOW WATER SCREEN
6. 1-0027-7038-B — VERTICAL SERVICE WATER PUMP
7. E1E1096 — CONDUIT AND GROUNDING PLAN EMBEDDED MATERIAL SERVICE WATER PUMPING STATION
8. E1M1427 — SERVICE WATER AT PUMP STRUCTURE
Georgia Power Company
PLANT SCHERER - UNITS 1-4
SERVICE WATER PUMP SCREEN WASH
SYSTEM NO. 101
4


NOTES
NOTES CONTINUED
PLAN VIEW OF MOTOR
SECTION A-A
DETAIL B
DETAIL C
DETAIL D
DETAIL E
DETAIL F
SETTING OF COUPLING
ESTIMATED WEIGHT
GEORGIA POWER COMPANY
SCHERER STEAM PLANT
JUNCTION, GEORGIA
VERTICAL SERVICE WATER PUMPS
OUTLINE
FINAL ASSEMBLY
08-502-496-404


SECTION A-A
SECTION B-B
GENERAL ARRANGEMENT
DUAL FLOW WATER SCREEN
FMC
JK2906-1