

Attachment 6 to

GNRO-2012/00039

**Entergy Nuclear Grand Gulf Nuclear Station License Renewal Environmental Audit –
Hydrology Patton – Attachment I labeled
“GGNS NPDES Permit Renewal Application (2007)”**

Attachment I

GGNS NPDES Permit Renewal Application (2007)



Entergy
P.O. Box 756
Port Gibson, MS 39150
Tel 601 437 6409

December 28, 2007

William R. Brian
Vice President - Operations
Grand Gulf Nuclear Station

Ms. Krystal Rudolph
Department of Environmental Quality
Office of Pollution Control
Post Office Box 10385
Jackson, Mississippi 39289-0385

**SUBJECT: Grand Gulf Nuclear Station [GGNS]
NPDES Permit No. MS0029521
2007 NPDES Permit Renewal Application
LCTS: A-35425**

GEXO-2007/ 00073

Dear Ms. Rudolph:

We have attached the 2007 National Pollutant Discharge Elimination System [NPDES] Permit Renewal Application.

If you have any questions or require additional information, please contact Rusty Shaw at 601/437-7312.

Sincerely,

A handwritten signature in black ink, appearing to read "W. R. Brian".

Mr. William R. Brian
Vice President, Operations
Grand Gulf Nuclear Station

WRS
RDS/JML/RAS/MAK/rds

BEST COPY

Attachments: 2007 NPDES Permit Renewal Application

cc: Mr. C.A. Bottemiller w/o
Mr. R.N. Buckley (M-ECH-595) w/a
Mr. Elmo Collins [NRC] w/a
File [CHEM]
File [CENTRAL] [25]

GRAND GULF NUCLEAR STATION

2007 NPDES PERMIT APPLICATION

Prepared By:

GGNS Chemistry
Port Gibson, MS



NPDES PERMIT RENEWAL APPLICATION PACKAGE

CLARIFICATION OF EXISTING SOURCES

MODIFICATION REQUESTS

ADDITIONAL COMMENTS

EPA FORM 1—General Information

**ATTACHMENT A—Topographic Maps, Site Boundary Maps and Outfall
Locations**

**EPA FORM 2C—Outfall Serial Numbers 001, 002, 004, 005, 006, 007,
011, 013, 014, 016**

EPA FORM 2C—WATER FLOW SCHEMATICS

EPA FORM 2E—Outfall Serial Number 010

**ATTACHMENT B—Thermal Monitoring Reports for Winter and Summer,
2007**

CLARIFICATION OF EXISTING SOURCES

As part of the NPDES application process, we are updating and clarifying existing non-process source water and its respective outfall.

1. Please amend item number 10 page 33 of 33 of the GGNS NPDES Permit to read:

"Applicable administrative procedures regarding Radioactive Discharge Controls shall be followed in management of discharges from the Turbine Building Cooling Water System and discharges through Outfall Serial Number 007."

This change is applicable because Turbine Building Cooling Water is not discharged through OSN 007.

MODIFICATION REQUESTS

GGNS respectfully requests the following modification to our NPDES permit:

1. **NPDES Part III.D.11: Please revise this requirement to include categorical requirements for discharges as stated in 40 CFR Part 423 to allow:**

The discharge of a dilute solution of Oakite 32 through Outfall Serial Number (OSN) 002 and subsequently through OSN 001 into the Mississippi River. Primary application of this chemical will be to clean various heat exchangers within the plant water system.

Proposed discharge concentration:

Oakite 32 (25-35% by weight hydrochloric acid) will be diluted for use to 10% by volume. The discharge solution will be pumped into a Plant Service Water flow of >15,000 gallons per minute, where it is further diluted in the 13 million gallon Circulating Water System. Discharge pathway is through NPDES Outfall 002, which subsequently discharges into NPDES Outfall 001. After mixing with these significant dilution volumes, discharge of Oakite 32 cleaning solution will not impact the pH limitations or other conditions associated with OSN 001.

Final discharge concentration of Oakite 32 will be less than 2.3 mg/l.

Dosage addition rates:

10% Oakite 32 solution by volume (2.5-3.5% by weight hydrochloric acid) will be added. Approximately 30 gallons of the Oakite 32 stock chemical will be used per heat exchanger cleaning.

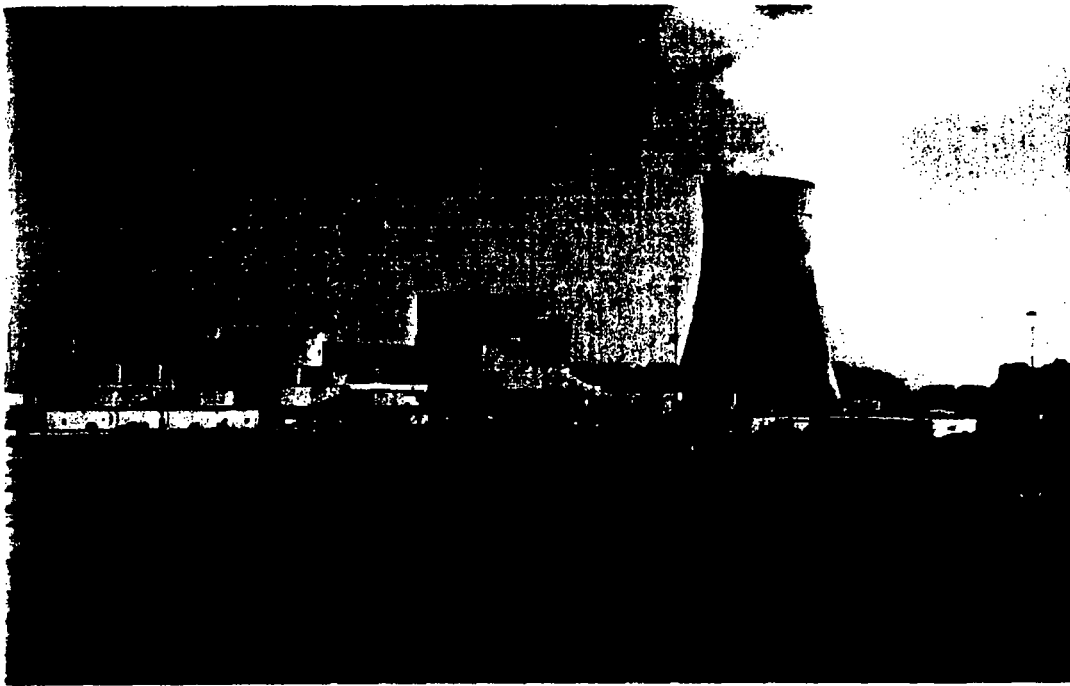
ADDITIONAL COMMENTS

1. Please note that in the applicable sections of the attached Forms 2C and 2E some constituents with a detectable concentration are marked 'Believed Absent'. This is because the measured concentration is at or near the detection limit. Because some error is inherent in the various methods for measuring these constituents, we feel that measurements at or near the respective detection limit may be a reflection of signal noise or influence from background concentrations and/or blank contaminants.
2. Form 2E, Fecal Coliform Bacteria [FCB] Mass Determinations. Instructions to the EPA Form 2E require that all pollutants be reported as a concentration and a total mass. Total mass is defined in these instructions as the total weight of pollutants discharged over a day. Our review of these instructions did not locate an exemption from reporting FCB colony; therefore, we opted to report our determinations as colonies per day. These are also the units utilized for reporting FCB concentrations on our monthly Discharge Monitoring Reports [DMRs].
3. Please Note Outfall 006 flow and pH values on Form 2C are historical values. This Outfall has not discharged in the last five years. These values are used to calculate MDV Mass values.
4. Please note that Outfalls 001, 002, 013, 014 and 016 had detectable Fecal Coliform Bacteria. There are no man-made sanitary waste inputs to these outfalls; therefore, we believe these detectable values were from natural phenomena.
5. Please note that Outfalls 001, 002, 004, 005, 006, 007, 013, 014 and 016 were shown with detectable concentrations of Mercury. We believe these concentrations are a result of contamination that occurred at the contract laboratory either during the sample preparation process, analysis process or both. We do not believe these concentrations are from plant operations.
6. Please note that Outfall 011 is an internal outfall to Outfall 001. Outfall 011 is the only outfall onsite that discharges radioactive material. Administrative procedures manage these discharges in accordance with the GGNS Operating License.
7. Complete Application Review. We have reviewed these documents and compared them to the criteria discussed in Section 4 of the U.S. EPA NPDES Permit Writer's Manual. Please note that on our Form 2C, blanks occur in the columns following a parameter that we determined to be 'believed absent'. This decision to designate the parameter as 'believed absent' indicates that the parameter's applicability was considered either based on understanding of the process or actual analytical testing. We presented these data in the same manner in our previous application and it was considered by MDEQ to be a complete application. Analytical testing results associated with the NPDES outfalls are available for review upon request.
8. Claims of Confidentiality. GGNS does not request any claims of confidentiality. These data do not include any materials related to a manufacturing process unique to our facility or information that would adversely affect our competitive position if released to the public. Further, we understand that EPA has determined that the following information will not be held confidential:
 - Name and address
 - Permit applications and associated information
 - Permits
 - Effluent data

GRAND GULF NUCLEAR STATION

2007 NPDES PERMIT RENEWAL APPLICATION

EPA FORM 1



FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER	
				MS0029521	
				13 14 15	
LABEL ITEMS				GENERAL INSTRUCTIONS	
I. EPA I.D. NUMBER				If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
III. FACILITY NAME		PLEASE PLACE LABEL IN THIS SPACE			
V. FACILITY MAILING ADDRESS					
VI. FACILITY LOCATION					
II. POLLUTANT CHARACTERISTICS					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.					
SPECIFIC QUESTIONS		Mark "X"		Mark "X"	
		YES	NO	FORM ATTACHED	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)			X		
		16	17	18	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		X	
		22	23	24	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)			X		
		28	29	30	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X		
		34	35	36	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		
		40	41	42	
B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)			X		
		19	20	21	
D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)			X		
		25	26	27	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)			X		
		31	32	33	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)			X		
		37	38	39	
J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		
		43	44	45	
III. NAME OF FACILITY					
1 SKIP Grand Gulf Nuclear Station					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title)					
2 Shaw, Rusty Environmental Specialist					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
B. PHONE (area code & no.)					
(601) 437-7312					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX					
3 P.O. Box 756					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
B. CITY OR TOWN					
4 Port Gibson					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
C. STATE					
MS					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
D. ZIP CODE					
39150					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 7003 Bald Hill Road					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
B. COUNTY NAME					
Claiborne					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
C. CITY OR TOWN					
6 Port Gibson					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
D. STATE					
MS					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
E. ZIP CODE					
39150					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					
F. COUNTY CODE (if known)					
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60					

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VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND										
7	4	9	1	1	(specify) Nuclear Power Plant						7					(specify)				
C. THIRD										D. FOURTH										
7					(specify)						7					(specify)				

VIII. OPERATOR INFORMATION

A. NAME										B. Is the name listed in Item VIII-A also the owner? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO									
Entergy Operations Incorporated																			
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other," specify.)										D. PHONE (area code & no.)									
F = FEDERAL S = STATE P = PRIVATE					M = PUBLIC (other than federal or state) O = OTHER (specify)					P (specify) Utility					A (601) 437-7312				

E. STREET OR P.O. BOX																			
P.O. Box 756																			
F. CITY OR TOWN										G. STATE		H. ZIP CODE		IX. INDIAN LAND					
Port Gibson										MS		39150		Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)									
9	N	MS0029521								9	P	0420-00023							
B. UIC (Underground Injection of Fluids)										E. OTHER (specify)									
9	U									9		MSR000883 (specify) Storm Water							
C. RCRA (Hazardous Wastes)										E. OTHER (specify)									
9	R									9		See Attached (specify) Various Permits and Registrations							

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Nuclear Powered Steam Electric Plant, Boiling Water Reactor.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)										B. SIGNATURE										C. DATE SIGNED									
William R. Brian, Vice President, Operations										M. A. Kuyf for										12-28-07									

COMMENTS FOR OFFICIAL USE ONLY

Attachment to Form 1, Section X:

The following are various other permits and certificates of registration for Grand Gulf Nuclear Station:

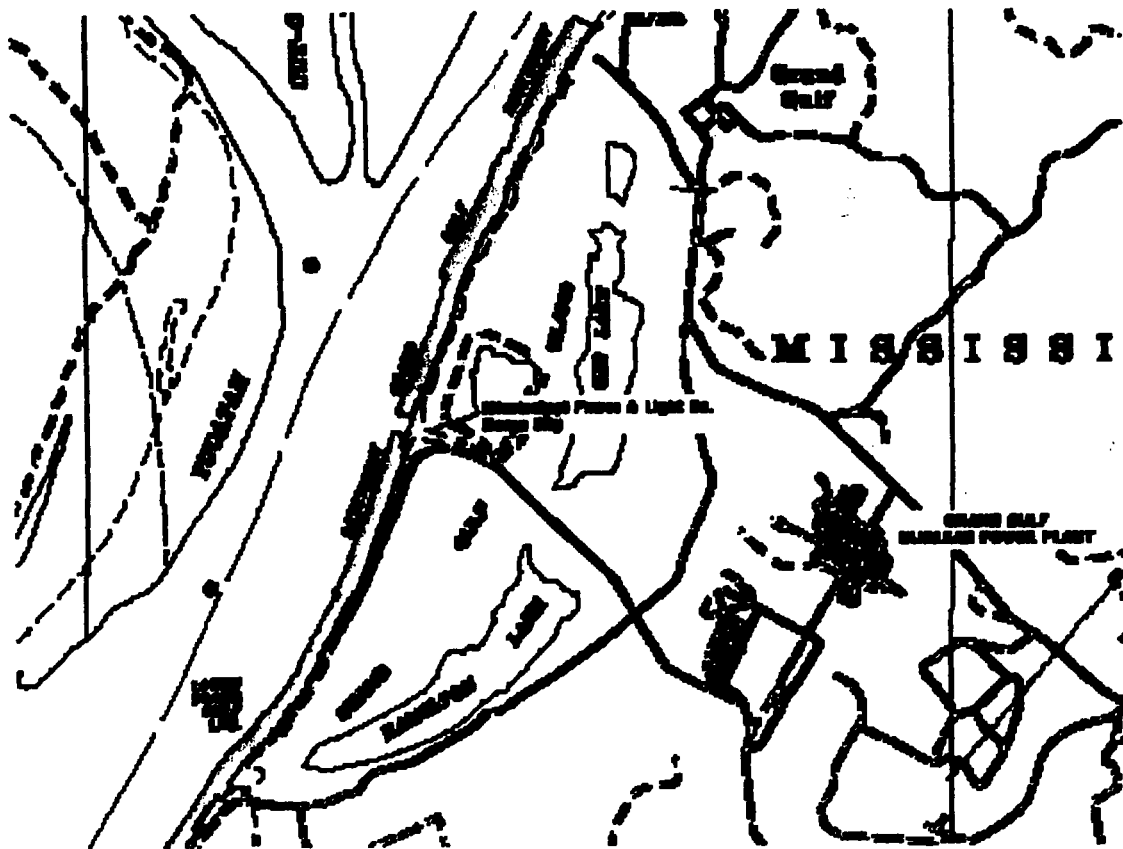
- Bird Depredation Permit MB798276-0
- DOT Hazardous Materials Certificate of Registration 061307550002P
- Hazardous Waste Generator EPA Identification MSD000644617
- Water Permit MS-GW-00371
- Water Permit MS-GW-02965
- Water Permit MS-GW-02967
- Water Permit MS-GW-02969
- Water Permit MS-GW-02970
- Water Permit MS-GW-02971
- Water Permit MS-GW-02972
- Water Permit MS-GW-02973
- Water Permit MS-GW-02974
- Water Permit MS-GW-02975
- Water Permit MS-GW-02976
- Water Permit MS-GW-02977
- Water Permit MS-GW-02978
- Water Permit MS-GW-02979
- Water Permit MS-GW-14989
- Water Permit MS-GW-15026

GRAND GULF NUCLEAR STATION

2007 NPDES PERMIT RENEWAL APPLICATION

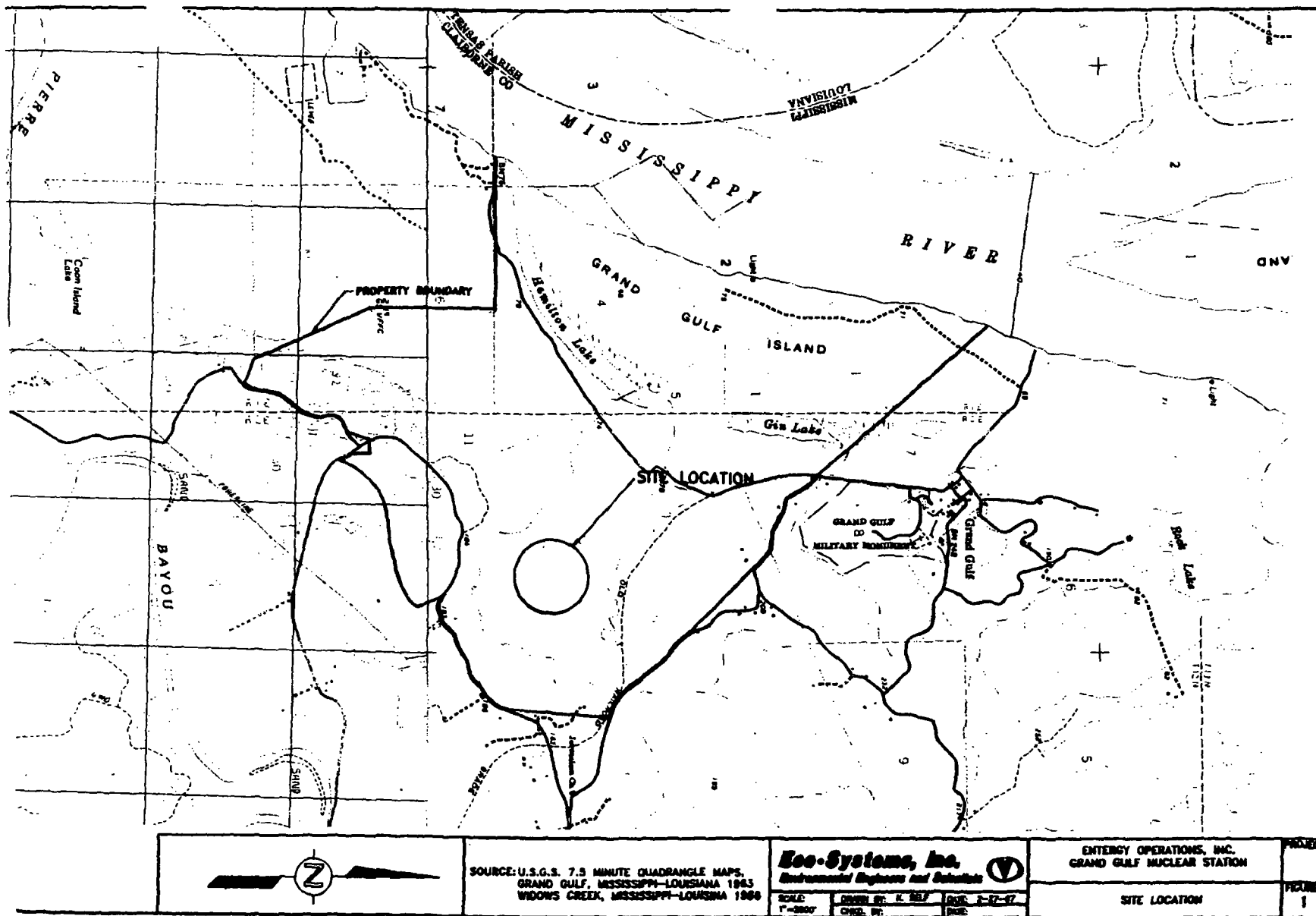
ATTACHMENT A

Topographic Maps, Site Boundary Maps and Outfall Locations



GGNS SITE LOCATION

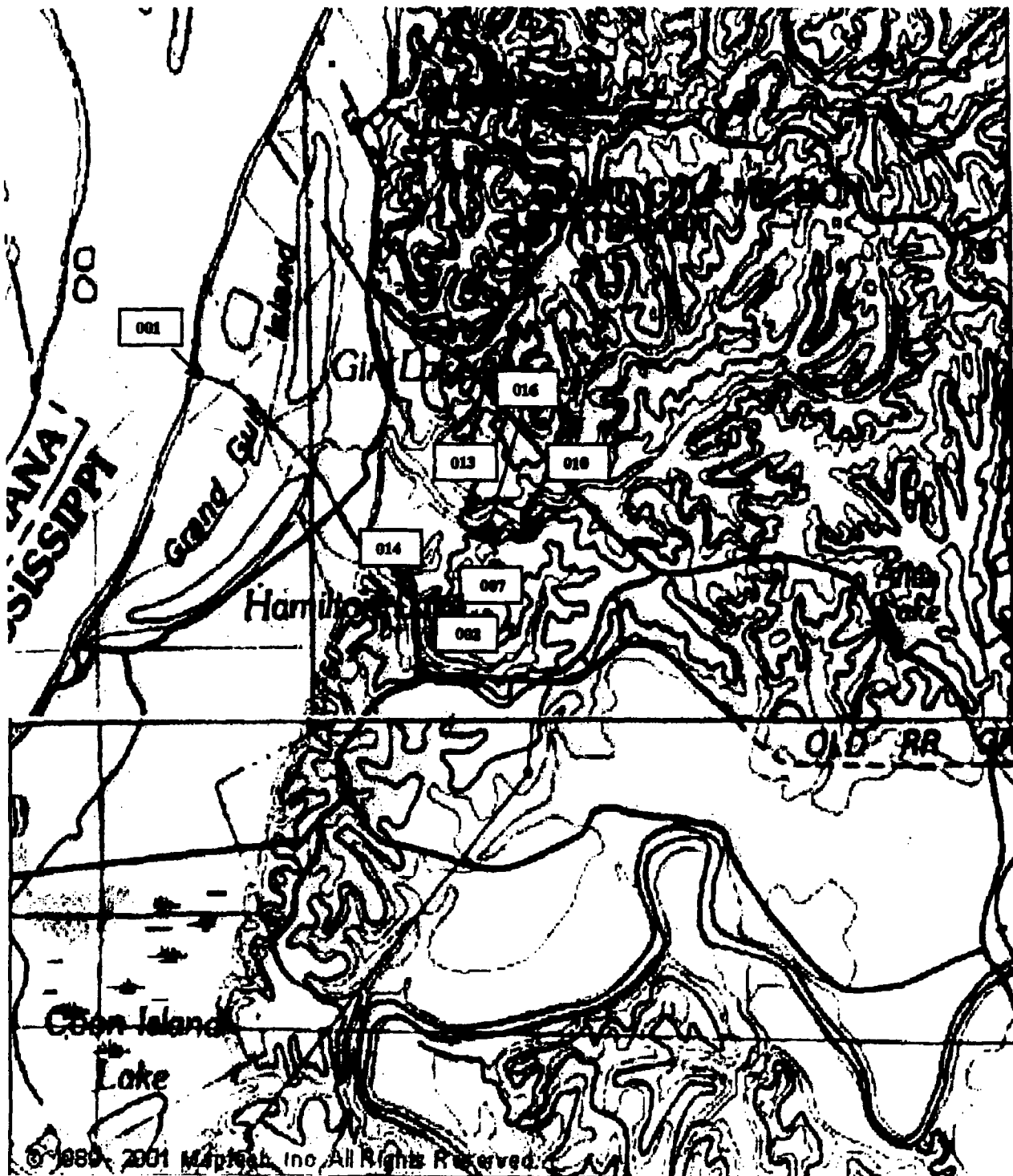




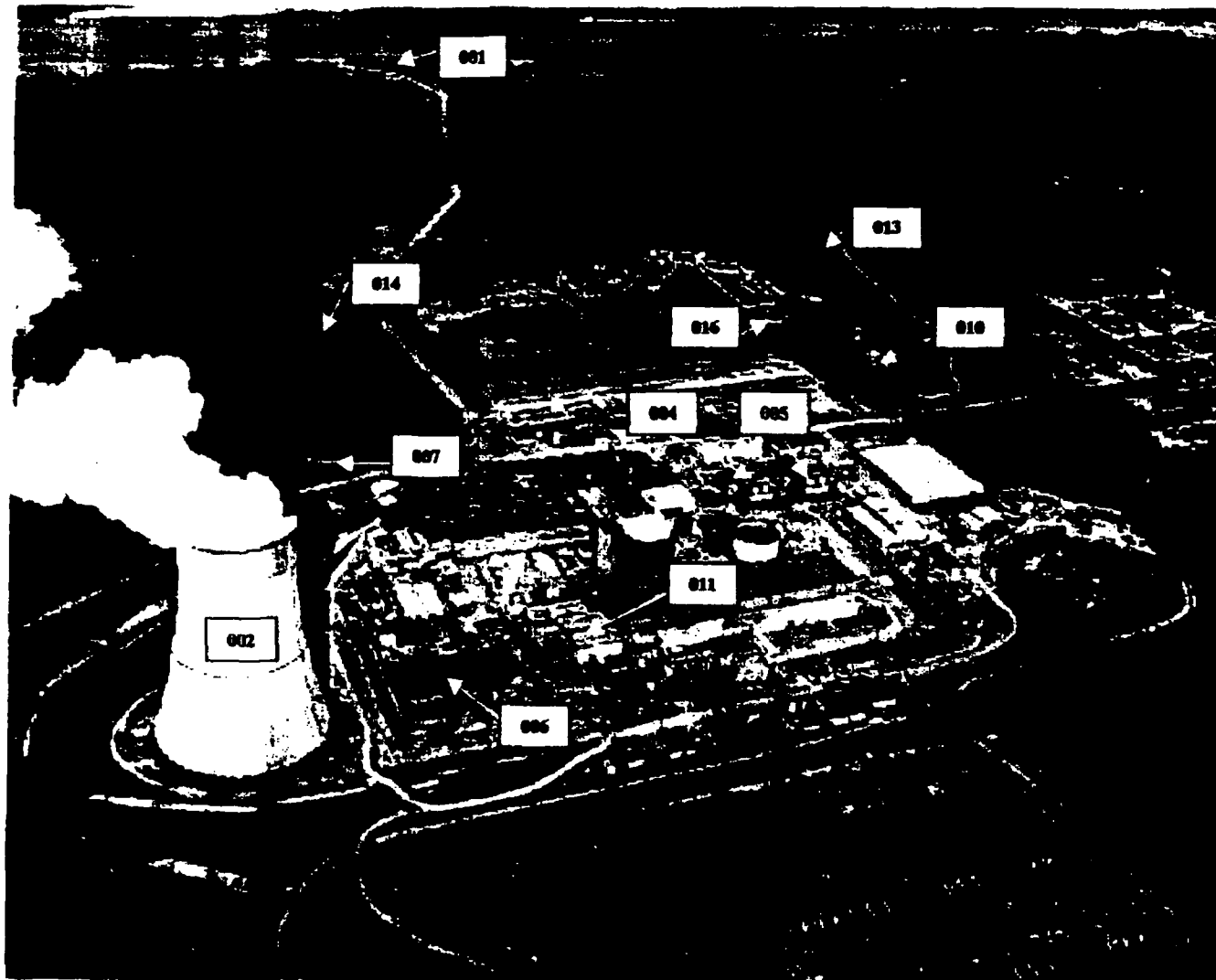
**APPROXIMATE LOCATIONS OF
GGNS NPDES OUTFALLS**

Note:

004,005 and 006 are internal to 001 and are not
illustrated on this figure.



APPROXIMATE LOCATIONS OF GGNS NPDES OUTFALLS



GRAND GULF NUCLEAR STATION
2007 NPDES PERMIT RENEWAL APPLICATION
EPA FORM 2C

[Outfall Serial Numbers 001, 002, 004, 006, 007,
011, 013, 014, 016]



Please print or type in the unshaded areas only.

EPA I.D. NUMBER (copy from Item 1 of Form 1)
MS0029521

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.


FORM 2C NPDES		U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS <i>Consolidated Permits Program</i>		
I. OUTFALL LOCATION				
For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.				
A. OUTFALL NUMBER <i>(list)</i>	B. LATITUDE	C. LONGITUDE		
	1. DEG. 2. MIN. 3. SEC.	1. DEG. 2. MIN. 3. SEC.		
		D. RECEIVING WATER <i>(name)</i>		
001	32.00 1.00 0.00	91.00 4.00 0.00 Mississippi River		
002	32.00 0.00 15.00	91.00 3.00 0.00 Mississippi River [Indirect Discharge]		
004	32.00 0.00 30.00	91.00 3.00 0.00 Mississippi River [Indirect Discharge]		
005	32.00 0.00 30.00	91.00 3.00 0.00 Mississippi River [Indirect Discharge]		
006	32.00 0.00 30.00	91.00 3.00 0.00 Mississippi River [Indirect Discharge]		
II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES				
A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.				
B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.				
1. OUTFALL NO. <i>(list)</i>	2. OPERATION(S) CONTRIBUTING FLOW	3. TREATMENT		
	a. OPERATION <i>(list)</i>	b. AVERAGE FLOW <i>(include units)</i>		
	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1		
001	Discharge Basin: Combined	11.86 MGD	No Treatment - Discharge To Surface Waters	4-A
	Discharge From the Following Outfalls:			
	- 002 Natural Draft and Auxiliary Cooling Towers		No Treatment	N/A
	- 004 and 005 Standby Service Waters		No Treatment	N/A
	- 006 Low Volume Waste Basin		Sedimentation and Neutralization	1-U 2-K
002	- 011 Liquid Radwaste Treatment System		Ion Exchange and Neutralization	2-J 2-K
002	Natural Draft and Auxiliary Cooling Towers	11.41 MGD	No Treatment - [Internal to Outfall 001]	N/A
004	Standby Service Water A	0.03 MGD	No Treatment - [Internal to Outfall 001]	N/A
005	Standby Service Water B	0.06 MGD	No Treatment - [Internal to Outfall 001]	N/A
006	Low Volume Waste Basin	0.36 MGD	Sedimentation and Neutralization	1-U 2-K
OFFICIAL USE ONLY (effluent guidelines sub-categories)				

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

MS0029521

Form Approved.
OMB No. 2040-0088.
Approval expires 3-31-98.

Please print or type in the unshaded areas only.

FORM 2C NPDES				U.S. ENVIRONMENTAL PROTECTION AGENCY APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS Consolidated Permits Program			
I. OUTFALL LOCATION							
For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.							
A. OUTFALL NUMBER (list)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (name)
	1 DEG.	2 MIN.	3 SEC.	1 DEG.	2 MIN.	3 SEC.	
007	32.00	0.00	30.00	91.00	3.00	0.00	Hamilton Lake [Indirect Discharge]
011	32.00	0.00	30.00	91.00	3.00	0.00	Mississippi River [Indirect Discharge]
013	32.00	1.00	0.00	91.00	3.00	15.00	Hamilton Lake
II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES							
A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.							
B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.							
1. OUTFALL NO. (list)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT				
	a. OPERATION (list)	b. AVERAGE FLOW (include units)	a. DESCRIPTION		b. LIST CODES FROM TABLE 2C-1		
007	East Wing Wall Discharge:	0.12 MGD	No Treatment		N/A		
	- Administrative Building Drains		Oil-Water Separator		1-H		
	- Yard and Storm Drains		No Treatment		N/A		
	- Fire Water Pump House		Oil-Water Separator		1-H		
	- Oily Waste Sumps		Oil-Water Separator		1-H		
	- Ionics Reject Water		No Treatment		N/A		
	- Turbine Building Cooling Water Blowdown		No Treatment		N/A		
	- HVAC blowdown		No Treatment		N/A		
	- Air Conditioner Once Through Cooling		No Treatment		N/A		
	- Outage Air Compressor Once Through Cooling		No Treatment		N/A		
011	- Intermittent SSW and PSW Leakage and Small Releases		No Treatment		N/A		
	Liquid Radwaste Treatment System	0.03 MGD	Ion Exchange [Internal to Outfall 001] and Neutralization		2-J	2-K	
013							
	Sedimentation Basin A:	1.14 MGD					
	Combined Discharges from the following outfalls:						
	- 010 Sanitary Wastewater [see Form 2B]		Activated Sludge, Dechlorination, Disinfection		3-A	2-E	
					2-P		
	- 016 Energy Services Center		No Treatment		N/A		
OFFICIAL USE ONLY (effluent guidelines sub-categories)							

Form Approved.
OMB No. 2040-0088.
Approval expires 3-31-98.

Please print or type in the unshaded areas only.

[illegible]

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C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal? <input checked="" type="checkbox"/> YES (complete the following table) <input type="checkbox"/> NO (go to Section III)								
1. OUTFALL NUMBER (list)	2. OPERATION(S) CONTRIBUTING FLOW (list)	3. FREQUENCY		4. FLOW				C. DURATION (in days)
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		B. TOTAL VOLUME (specify with units)		
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
	See Attached, Next Page							

III. PRODUCTION			
A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? <input checked="" type="checkbox"/> YES (complete Item III-B) <input type="checkbox"/> NO (go to Section IV)			
B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? <input type="checkbox"/> YES (complete Item III-C) <input checked="" type="checkbox"/> NO (go to Section IV)			
C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.			
1. AVERAGE DAILY PRODUCTION			2. AFFECTED OUTFALLS (list outfall numbers)
a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. (specify)	
N/A	N/A	N/A	N/A

IV. IMPROVEMENTS					
A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions. <input type="checkbox"/> YES (complete the following table) <input checked="" type="checkbox"/> NO (go to Item IV-B)					
1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS		3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE	
	a. NO	b. SOURCE OF DISCHARGE		a. REQUIRED	b. PROJECTED
N/A	N/A	N/A	M/A	N/A	N/A

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction. <input type="checkbox"/> MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED	
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Attachment to Form 2C, Section II. C., [See Comments Section Below]

Outfall Number	Operations Contributing Flow	Frequency	Flow Rate MGD [estimated]	Duration
001	Plant Discharge:	Continuous	See Form 2C	Continuous
	Cooling Tower Bypass	1/18 months		Variable
007	East Wing Wall:	Continuous	See Form 2C	Continuous
	Ionics Reject Water	Not Determined	Not Determined	Not Determined
	Oil Water Separator Discharges	Not Determined	Not Determined	Not Determined
	Maintenance Activities	Not Determined	Not Determined	Not Determined
006	Low Volume Waste Basin	See Comments Below	See Form 2C	Not Determined
011	Radwaste Discharge	Batch	See Form 2C	Variable
013	Sedimentation Basin A:	Continuous	See Form 2C	Continuous**
	Site Processing Facility HVAC**	Not Determined	Not Determined	Not Determined
	Oil-Water Separator Discharges	Not Determined	Not Determined	Not Determined
	SSW Leakage	See Comments Below	Not Determined	Not Determined
014	Sedimentation Basin B:	See Form 2C	See Form 2C	Continuous
	SSW Leakage	See Comments Below	Not Determined	Not Determined
	Cooling Tower Basin Overflows	Not Determined	Not Determined	Not Determined
	Oil-Water Separator Discharges	Not Determined	Not Determined	Not Determined

**Seasonal or Temperature Dependent

Comments:

Please Note:

Each of these outfalls are quantified and described on the appropriate Form 2C. Intermittent sources internal to these outfalls have never been quantified.

In addition:

- Outfall 006 has not discharged within the last 5 years.
- SSW leakage has not occurred within the last 5 years.

MS0029521

V. INTAKE AND EFFLUENT CHARACTERISTICS

NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
N/A	N/A	N/A	N/A

☒ NO (go to Item VI-B)

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES (Identify the test(s) and describe their purposes below)

☒ NO (go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☒ YES (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)

☐ NO (go to Section IX)

A. NAME	B. ADDRESS	C. TELEPHONE (area code & no.)	D. POLLUTANTS ANALYZED (list)
Argus Analytical, Inc.	235 Highpoint Drive Ridgeland, MS 39157	601-357-2676	All Form 2C analysis for outfalls 001, 002, 004, 005, 006, 007, 010, 013, 014, and 016.
General Engineering Laboratories	P.O. Box 30712 Charleston, SC 29417	843-556-8171	Form 2C and radiological analysis on Outfall 011.

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (type or print) William R. Brian, Vice President, Operations	B. PHONE NO. (area code & no.) (601) 437-6409
C. SIGNATURE 	D. DATE SIGNED 12-28-07

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)
MS0029521

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)	OUTFALL NO. 001
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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							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)		(1)		(1)	(2)				(1)		
	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	1.2	242.73	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
b. Chemical Oxygen Demand (COD)	89	18002	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
c. Total Organic Carbon (TOC)	8.3	1678.86	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
d. Total Suspended Solids (TSS)	5	1011.36	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
f. Flow	VALUE 24.24		VALUE 12.05		VALUE 8.05		395	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 30.7		VALUE 23.8		VALUE 22.2		211	°C		VALUE		
h. Temperature (summer)	VALUE 44.9		VALUE 30.6		VALUE 27.8		184	°C		VALUE		
i. pH	MINIMUM 6.86	MAXIMUM 8.31	MINIMUM 6.86	MAXIMUM 8.31			57	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 or 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"		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. CONCEN- TRATION	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	
a. Bromide (24959-67-9)	X		0.74	151	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual		X												
c. Color	X		40	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X	180	1.65e13	N/A	N/A	N/A	N/A	1	cl/100ml	cl/dy			
e. Fluoride (18084-48-8)	X		0.57	115.29	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)	X		0.10	20.23	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			

ITEM V-8 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		0.86	173.95	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X		0.97	196.20	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14808-78-8)	X		310	62704	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14285-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)	X		0.25	50.57	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
q. Boron, Total (7440-42-8)	X		0.15	30.34	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-8)	X		2.39	483.43	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
t. Magnesium, Total (7439-95-4)	X		43.9	8879.73	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X		0.37	74.84	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-8)		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1) MS0029521	OUTFALL NUMBER 001
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CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	e. CONCENTRATION	f. 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													
2M. Arsenic, Total (7440-39-2)	X	X		0.008	1.62	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-9)	X		X													
5M. Chromium, Total (7440-47-3)	X		X													
6M. Copper, Total (7440-50-8)	X		X													
7M. Lead, Total (7439-92-1)	X		X													
8M. Mercury, Total (7439-97-6)	X		X	6.3e-6	0.0013	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X		X													
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-66-6)	X	X		0.356	72.01	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (Chloromethyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (56-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chloro- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (67-68-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-06-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-87-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-6)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-8)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)	X		X													
23V. 1,1,2,2-Tetrachloroethane (78-34-5)	X		X													
24V. Tetrachloroethylene (127-18-4)	X		X													
25V. Toluene (108-88-3)	X		X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X													
27V. 1,1,1-Trichloroethane (71-55-8)	X		X													
28V. 1,1,2-Trichloroethane (79-00-5)	X		X													
29V. Trichloroethylene (78-01-6)	X		X													
30V. Trichlorofluoromethane (75-89-4)	X		X													
31V. Vinyl Chloride (75-01-4)	X		X													
GC/MS FRACTION - ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)	X		X													
2A. 2,4-Dichlorophenol (120-83-2)	X		X													
3A. 2,4-Dimethylphenol (105-87-8)	X		X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X													
5A. 2,4-Dinitrophenol (51-28-5)	X		X													
6A. 2-Nitrophenol (88-75-5)	X		X													
7A. 4-Nitrophenol (100-02-7)	X		X													
8A. P-Chloro-M-Cresol (59-50-7)	X		X													
9A. Pentachlorophenol (87-86-5)	X		X													
10A. Phenol (108-95-2)	X		X													
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
1B. Acenaphthene (83-32-9)	X		X													
2B. Acenaphthylene (208-98-8)	X		X													
3B. Anthracene (120-12-7)	X		X													
4B. Benzidine (92-87-5)	X		X													
5B. Benzo (a) Anthracene (58-55-3)	X		X													
6B. Benzo (a) Pyrene (50-32-8)	X		X													
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X													
8B. Benzo (ghi) Perylene (191-24-2)	X		X													
9B. Benzo (k) Fluoranthene (207-08-9)	X		X													
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X													
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X													
12B. Bis (2- Chloroisopropyl) Ether (102-60-1)	X		X													
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X	X		0.017	3.44	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X													
15B. Butyl Benzyl Phthalate (85-88-7)	X		X													
16B. 2-Chloro- naphthalene (91-58-7)	X		X													
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X													
18B. Chrysene (218-01-9)	X		X													
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X													
20B. 1,2-Dichloro- benzene (95-50-1)	X		X													
21B. 1,3-Di-chloro- benzene (541-73-1)	X		X													

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)							
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVR. 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 (108-68-7)	X		X																
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X																
24B. Diethyl Phthalate (84-88-2)	X		X																
25B. Dimethyl Phthalate (131-11-3)	X		X																
26B. Di-N-Butyl Phthalate (84-74-2)	X		X																
27B. 2,4-Dinitrotoluene (121-14-2)	X		X																
28B. 2,6-Dinitrotoluene (908-20-2)	X		X																
29B. Di-N-Octyl Phthalate (117-84-0)	X		X																
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-68-7)	X		X																
31B. Fluoranthene (208-44-0)	X		X																
32B. Fluorene (86-73-7)	X		X																
33B. Hexachlorobenzene (118-74-1)	X		X																
34B. Hexachlorobutadiene (87-68-3)	X		X																
35B. Hexachlorocyclopentadiene (77-47-4)	X		X																
36B. Hexachloroethane (87-72-1)	X		X																
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X																
38B. Isophorone (78-59-1)	X		X																
39B. Naphthalene (91-20-3)	X		X																
40B. Nitrobenzene (98-95-3)	X		X																
41B. N-Nitrosodimethylamine (62-75-9)	X		X																
42B. N-Nitrosodimethylamine (621-84-7)	X		X																

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b. BELIEVED PRESENT	c. 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													
44B. Phenanthrene (85-01-8)	X		X													
45B. Pyrene (129-00-0)	X		X													
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X													
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (300-00-2)	X		X													
2P. α -BHC (310-84-8)	X		X													
3P. β -BHC (310-85-7)	X		X													
4P. γ -BHC (58-89-9)	X		X													
5P. δ -BHC (310-88-8)	X		X													
6P. Chlordane (57-74-9)	X		X													
7P. 4,4'-DDT (50-29-3)	X		X													
8P. 4,4'-DDE (72-55-9)	X		X													
9P. 4,4'-DDD (72-54-8)	X		X													
10P. Dieldrin (80-57-1)	X		X													
11P. α -Endosulfan (115-29-7)	X		X													
12P. β -Endosulfan (115-29-7)	X		X													
13P. Endosulfan Sulfate (1031-07-8)	X		X													
14P. Endrin (72-20-8)	X		X													
15P. Endrin Aldehyde (7421-93-4)	X		X													
16P. Heptachlor (78-44-8)	X		X													

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

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001

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	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														
18P. PCB-1242 (53469-21-9)	X		X														
19P. PCB-1254 (11087-69-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-16-5)	X		X														
22P. PCB-1248 (12872-29-8)	X		X														
23P. PCB-1260 (11098-82-5)	X		X														
24P. PCB-1018 (12874-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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. 002			
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							3. UNITS (specify if blank)		4. INTAKE (optional)				
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	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			
a. Biochemical Oxygen Demand (BOD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	30	3269.39	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	10	1089.80	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 13.06		VALUE 11.64		VALUE 8.61		26	MGD	N/A	VALUE				
g. Temperature (winter)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	°C		VALUE				
h. Temperature (summer)	VALUE 28.1		VALUE 28.1		VALUE 28.1		1	°C		VALUE				
i. pH	MINIMUM 8.35	MAXIMUM 8.35	MINIMUM 8.35	MAXIMUM 8.35			1	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 or 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"		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. CONCEN- TRATION	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	
a. Bromide (24959-87-9)		X	0.76	82.82	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual	X		0.17	18.53	0.17	16.51	0.13	9.34	350	mg/l	lb/dy			
c. Color	X		50	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X	180	8.9e12	N/A	N/A	N/A	N/A	1	cl/100ml	cl/dy			
e. Fluoride (18084-48-8)	X		0.66	71.93	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)	X		1.10	119.88	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			

ITEM V-8 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	e. CONC-TRATION	f. 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		0.75	81.73	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
h. Oil and Grease		X																
i. Phosphorus (as P), Total (7723-14-0)	X		1.09	118.79	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
j. Radioactivity																		
(1) Alpha, Total		X																
(2) Beta, Total		X																
(3) Radium, Total		X																
(4) Radium 226, Total		X																
k. Sulfate (as SO ₄) (14806-78-8)	X		388	42284	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
l. Sulfide (as S)		X																
m. Sulfite (as SO ₃) (14285-45-3)		X																
n. Surfactants		X																
o. Aluminum, Total (7429-90-5)		X																
p. Barium, Total (7440-39-3)	X		0.32	34.87	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
q. Boron, Total (7440-42-8)	X		0.23	25.07	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
r. Cobalt, Total (7440-48-4)		X																
s. Iron, Total (7439-89-6)	X		2.61	284.44	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
t. Magnesium, Total (7439-95-4)	X		53.5	5830.41	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
u. Molybdenum, Total (7439-98-7)		X																
v. Manganese, Total (7439-98-5)	X		0.34	37.05	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
w. Tin, Total (7440-31-5)		X																
x. Titanium, Total (7440-32-6)		X																

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

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002

CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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 (7440-38-0)	X		X													
2M. Arsenic, Total (7440-38-2)	X	X		0.008	0.87	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-8)	X		X													
5M. Chromium, Total (7440-47-3)	X		X													
6M. Copper, Total (7440-50-8)	X		X													
7M. Lead, Total (7439-92-1)	X		X													
8M. Mercury, Total (7439-97-8)	X		X	3.9e-6	4.3e-4	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X	X		0.008	0.87	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-66-8)	X	X		0.78	85.00	0.62	60.22	0.38	27.30	26	mg/l	lb/dy				
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X		X												
2V. Acrylonitrile (107-13-1)	X		X												
3V. Benzene (71-43-2)	X		X												
4V. Bis (Chloro- methyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X		X												
6V. Carbon Tetrachloride (56-23-5)	X		X												
7V. Chlorobenzene (108-90-7)	X		X												
8V. Chloro- bromomethane (124-48-1)	X		X												
9V. Chloroethane (75-00-3)	X		X												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X												
11V. Chloroform (87-68-3)	X		X												
12V. Dichloro- bromomethane (75-27-4)	X		X												
13V. Dichloro- difluoromethane (75-71-8)			X												
14V. 1,1-Dichloro- ethane (75-34-3)	X		X												
15V. 1,2-Dichloro- ethane (107-06-2)	X		X												
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X												
17V. 1,2-Dichloro- propane (78-87-5)	X		X												
18V. 1,3-Dichloro- propylene (542-75-6)	X		X												
19V. Ethylbenzene (100-41-4)	X		X												
20V. Methyl Bromide (74-83-8)	X		X												
21V. Methyl Chloride (74-87-3)	X		X												

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)	X		X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X													
24V. Tetrachloroethylene (127-18-4)	X		X													
25V. Toluene (108-88-3)	X		X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X													
27V. 1,1,1-Trichloroethane (71-55-6)	X		X													
28V. 1,1,2-Trichloroethane (79-00-5)	X		X													
29V. Trichloroethylene (79-01-6)	X		X													
30V. Trichlorofluoromethane (75-69-4)	X		X													
31V. Vinyl Chloride (75-01-4)	X		X													
GC/MS FRACTION - ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)	X		X													
2A. 2,4-Dichlorophenol (120-83-2)	X		X													
3A. 2,4-Dimethylphenol (105-87-9)	X		X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X													
5A. 2,4-Dinitrophenol (51-28-5)	X		X													
6A. 2-Nitrophenol (88-75-5)	X		X													
7A. 4-Nitrophenol (100-02-7)	X		X													
8A. P-Chloro-M-Cresol (59-50-7)	X		X													
9A. Pentachlorophenol (87-86-5)	X		X													
10A. Phenol (108-95-2)	X		X													
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (83-32-8)	X		X													
2B. Acenaphthylene (208-98-8)	X		X													
3B. Anthracene (120-12-7)	X		X													
4B. Benzidine (92-87-5)	X		X													
5B. Benzo (a) Anthracene (56-55-3)	X		X													
6B. Benzo (a) Pyrene (50-32-8)	X		X													
7B. 3,4-Benzofluoranthene (205-98-2)	X		X													
8B. Benzo (ghi) Perylene (191-24-2)	X		X													
9B. Benzo (k) Fluoranthene (207-08-9)	X		X													
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X		X													
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X		X													
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X		X													
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X		X													
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X													
15B. Butyl Benzyl Phthalate (85-68-7)	X		X													
16B. 2-Chloronaphthalene (81-58-7)	X		X													
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X		X													
18B. Chrysene (218-01-9)	X		X													
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X													
20B. 1,2-Dichlorobenzene (95-50-1)	X		X													
21B. 1,3-Dichlorobenzene (541-73-1)	X		X													

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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-Dichloro- benzene (108-46-7)	X		X													
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X													
24B. Diethyl Phthalate (84-66-2)	X		X													
25B. Dimethyl Phthalate (131-11-3)	X		X													
26B. Di-N-Butyl Phthalate (84-74-2)	X		X													
27B. 2,4-Dinitro- toluene (121-14-2)	X		X													
28B. 2,6-Dinitro- toluene (806-20-2)	X		X													
29B. Di-N-Octyl Phthalate (117-94-0)	X		X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)	X		X													
31B. Fluoranthene (206-44-0)	X		X													
32B. Fluorene (86-73-7)	X		X													
33B. Hexachloro- benzene (118-74-1)	X		X													
34B. Hexachloro- butadiene (87-68-3)	X		X													
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X													
36B. Hexachloro- ethane (87-72-1)	X		X													
37B. Indeno (1,2,3-cd) Pyrene (183-39-5)	X		X													
38B. Isophorone (78-58-1)	X		X													
39B. Naphthalene (91-20-3)	X		X													
40B. Nitrobenzene (98-95-3)	X		X													
41B. N-Nitro- sodimethylamine (82-75-9)	X		X													
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitro- iodophenylamine (86-30-8)	X		X													
44B. Phenanthrene (85-01-8)	X		X													
45B. Pyrene (129-00-0)	X		X													
46B. 1,2,4-Tri- chlorobenzene (120-82-1)	X		X													
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (309-00-2)	X		X													
2P. α -BHC (319-84-8)	X		X													
3P. β -BHC (319-85-7)	X		X													
4P. γ -BHC (59-89-9)	X		X													
5P. δ -BHC (319-88-8)	X		X													
6P. Chlordane (57-74-9)	X		X													
7P. 4,4'-DDT (50-29-3)	X		X													
8P. 4,4'-DDE (72-55-9)	X		X													
9P. 4,4'-DDD (72-54-8)	X		X													
10P. Dieldrin (80-57-1)	X		X													
11P. α -Endosulfan (115-29-7)	X		X													
12P. β -Endosulfan (115-29-7)	X		X													
13P. Endosulfan Sulfate (1031-07-8)	X		X													
14P. Endrin (72-20-8)	X		X													
15P. Endrin Aldehyde (7421-93-4)	X		X													
16P. Heptachlor (78-44-8)	X		X													

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CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	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														
18P. PCB-1242 (53489-21-8)	X		X														
18P. PCB-1254 (11087-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12672-29-8)	X		X														
23P. PCB-1280 (11088-82-5)	X		X														
24P. PCB-1018 (12674-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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. 004
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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						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1)		(1)		(1)	(2)				(1)	(2)	
	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
b. Chemical Oxygen Demand (COD)	55	3056.61	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
c. Total Organic Carbon (TOC)	11.7	650.22	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
d. Total Suspended Solids (TSS)	5	277.87	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
e. Ammonia (as N)	0.17	9.45	N/A	N/A	N/A	N/A	1	mg/l	lb/day			
f. Flow	VALUE 6.66		VALUE 4.16		VALUE 1.37		5	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 16.1		VALUE 16.1		VALUE 16.1		1	°C		VALUE		
h. Temperature (summer)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	°C		VALUE		
i. pH	MINIMUM 7.51	MAXIMUM 7.51	MINIMUM 7.51	MAXIMUM 7.51			1	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 or 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. <i>(if available)</i>	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE <i>(optional)</i>		
	a BELIEVED PRESENT	b BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE <i>(if available)</i>		c. LONG TERM AVRG. VALUE <i>(if available)</i>		d. NO. OF ANALYSES	a. CONCEN- TRATION	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	
a. Bromide (24959-87-9)	X		14.4	800.27	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual		X												
c. Color	X		30	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Faecal Coliform		X												
e. Fluoride (16984-48-9)	X		0.32	17.78	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite <i>(as N)</i>	X		0.28	15.56	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			

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		1.27	70.58	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
h. Oil and Grease		X													
i. Phosphorus (as P), Total (7723-14-0)	X		2.86	158.94	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
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		202	11226	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
l. Sulfide (as S)		X													
m. Sulfite (as SO ₃), (14285-45-3)		X													
n. Surfactants		X													
o. Aluminum, Total (7429-90-5)		X													
p. Barium, Total (7440-39-3)	X		0.09	5.00	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
q. Boron, Total (7440-42-8)	X		0.12	6.67	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
r. Cobalt, Total (7440-48-4)		X													
s. Iron, Total (7439-89-6)	X		2.47	137.27	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
t. Magnesium, Total (7439-85-4)	X		24.7	1372.69	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
u. Molybdenum, Total (7439-98-7)		X													
v. Manganese, Total (7439-98-5)	X		0.08	4.45	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
w. Tin, Total (7440-31-5)		X													
x. Titanium, Total (7440-32-6)		X													

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

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CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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 (7440-38-0)	X		X													
2M. Arsenic, Total (7440-38-2)	X	X		0.006	0.33	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-0)	X		X													
5M. Chromium, Total (7440-47-3)	X		X													
6M. Copper, Total (7440-50-8)	X	X		0.039	2.17	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
7M. Lead, Total (7439-82-1)	X		X													
8M. Mercury, Total (7439-97-8)	X		X	1.23e-5	6.8e-4	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X	X		0.16	8.89	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-66-6)	X	X		0.59	32.79	0.59	20.49	0.44	5.03	5	mg/l	lb/dy				
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1784-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2) MASS	(1)	(2) MASS	(1)	(2) MASS				(1)	(2) MASS		
				CONCENTRATION		CONCENTRATION		CONCENTRATION					CONCENTRATION			
GC/MS FRACTION - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (C/Moro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (56-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chlorodi- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (87-88-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-06-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-87-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-6)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-8)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)	X		X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X													
24V. Tetrachloroethylene (127-18-4)	X		X													
25V. Toluene (108-88-3)	X		X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X													
27V. 1,1,1-Trichloroethane (71-55-6)	X		X													
28V. 1,1,2-Trichloroethane (79-00-5)	X		X													
28V Trichloroethylene (79-01-6)	X		X													
30V. Trichlorofluoromethane (75-69-4)	X		X													
31V. Vinyl Chloride (75-01-4)	X		X													
GC/MS FRACTION - ACID COMPOUNDS																
1A. 2-Chlorophenol (85-57-8)	X		X													
2A. 2,4-Dichlorophenol (120-83-2)	X		X													
3A. 2,4-Dimethylphenol (105-87-9)	X		X													
4A. 4,8-Dinitro-O-Cresol (534-52-1)	X		X													
5A. 2,4-Dinitrophenol (51-28-5)	X		X													
6A. 2-Nitrophenol (88-75-6)	X		X													
7A. 4-Nitrophenol (100-02-7)	X	X		0.283	15.73	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
8A. P-Chloro-M-Cresol (59-50-7)	X		X													
9A. Pentachlorophenol (87-86-5)	X		X													
10A. Phenol (108-85-2)	X		X													
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS			5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. Acanaphthene (83-32-8)	X		X												
2B. Acanaphthylene (208-98-8)	X		X												
3B. Anthracene (120-12-7)	X		X												
4B. Benzidine (82-87-5)	X	X		1.51	83.92	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
5B. Benzo (a) Anthracene (58-55-3)	X		X												
6B. Benzo (a) Pyrene (50-32-8)	X		X												
7B. 3,4-Benzo-fluoranthene (205-98-2)	X		X												
8B. Benzo (ghi) Perylene (181-24-2)	X		X												
9B. Benzo (h) Fluoranthene (207-08-8)	X		X												
10B. Bis (2-Chloro-ethoxy) Methane (111-81-1)	X		X												
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X		X												
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X		X												
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X		X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X	X		0.006	0.33	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
15B. Butyl Benzyl Phthalate (85-88-7)	X		X												
16B. 2-Chloro-naphthalene (91-58-7)	X		X												
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X		X												
18B. Chrysene (218-01-9)	X		X												
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X												
20B. 1,2-Dichloro-benzene (95-50-1)	X		X												
21B. 1,3-Di-chloro-benzene (541-73-1)	X		X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (108-48-7)	X		X												
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X												
24B. Diethyl Phthalate (84-66-2)	X		X												
25B. Dimethyl Phthalate (131-11-3)	X		X												
26B. Di-N-Butyl Phthalate (84-74-2)	X		X												
27B. 2,4-Dinitrotoluene (121-14-2)	X		X												
28B. 2,6-Dinitrotoluene (808-20-2)	X		X												
29B. Di-N-Octyl Phthalate (117-84-0)	X		X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X		X												
31B. Fluoranthene (208-44-0)	X		X												
32B. Fluorene (86-73-7)	X		X												
33B. Hexachlorobenzene (118-74-1)	X		X												
34B. Hexachlorobutadiene (87-68-3)	X		X												
35B. Hexachlorocyclopentadiene (77-47-4)	X		X												
36B. Hexachloroethane (87-72-1)	X		X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X												
38B. Isophorone (78-59-1)	X		X												
39B. Naphthalene (91-20-3)	X		X												
40B. Nitrobenzene (98-95-3)	X		X												
41B. N-Nitrosodimethylamine (62-75-8)	X		X												
42B. N-Nitrosodi-N-Propylamine (621-84-7)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)																
43B. N-Nitrosodiphenylamine (88-30-8)	X		X													
44B. Phenanthrene (85-01-8)	X		X													
45B. Pyrene (129-00-0)	X		X													
48B. 1,2,4-Trichlorobenzene (120-82-1)	X		X													
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (309-00-2)	X		X													
2P. α-BHC (319-84-8)	X		X													
3P. β-BHC (319-85-7)	X		X													
4P. γ-BHC (58-89-9)	X		X													
5P. δ-BHC (319-88-8)	X		X													
6P. Chlordane (57-74-9)	X		X													
7P. 4,4'-DDT (50-29-3)	X		X													
8P. 4,4'-DDE (72-55-8)	X		X													
9P. 4,4'-DDD (72-54-8)	X		X													
10P. Dieldrin (80-57-1)	X		X													
11P. α-Endosulfan (115-29-7)	X		X													
12P. β-Endosulfan (115-29-7)	X		X													
13P. Endosulfan Sulfate (1031-07-8)	X		X													
14P. Endrin (72-20-8)	X		X													
15P. Endrin Aldehyde (7421-93-4)	X		X													
16P. Heptachlor (76-44-8)	X		X													

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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														
18P. PCB-1242 (53489-21-9)	X		X														
18P. PCB-1254 (11097-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-16-5)	X		X														
22P. PCB-1248 (12872-29-8)	X		X														
23P. PCB-1280 (11096-82-5)	X		X														
24P. PCB-1018 (12874-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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. 005			
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						3. UNITS (specify if blank)		4. INTAKE (optional)					
	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			
a. Biochemical Oxygen Demand (BOD)	1.2	59.78	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	36	1793.41	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	12.2	607.77	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	4	199.27	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
e. Ammonia (as N)	0.23	11.46	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 5.97		VALUE 5.97		VALUE 1.86		5	MGD	N/A	VALUE				
g. Temperature (water)	VALUE 18.8		VALUE 18.8		VALUE 18.8		1	°C		VALUE				
h. Temperature (summer)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	°C		VALUE				
i. pH	MINIMUM 6.96	MAXIMUM 6.96	MINIMUM 6.96	MAXIMUM 6.96			1	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 or 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"		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						
a. Bromide (24959-67-9)	X		12.1	602.78	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual		X												
c. Color	X		50	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.33	16.44	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)	X		0.63	31.38	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			

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		1.05	52.31	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
h. Oil and Grease		X																
i. Phosphorus (as P), Total (7723-14-0)	X		3.48	173.36	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
j. Radioactivity																		
(1) Alpha, Total		X																
(2) Beta, Total		X																
(3) Radium, Total		X																
(4) Radium 226, Total		X																
k. Sulfate (as SO ₄) (14806-79-8)	X		257	12802	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
l. Sulfide (as S)		X																
m. Sulfite (as SO ₃) (14285-45-3)		X																
n. Surfactants		X																
o. Aluminum, Total (7429-90-5)		X																
p. Barium, Total (7440-39-3)	X		0.09	4.48	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
q. Boron, Total (7440-42-8)	X		0.11	5.48	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
r. Cobalt, Total (7440-48-4)	X		0.01	0.50	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
s. Iron, Total (7439-89-6)	X		3.16	157.42	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
t. Magnesium, Total (7439-95-4)	X		25.9	1290.26	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
u. Molybdenum, Total (7439-98-7)		X																
v. Manganese, Total (7439-98-5)	X		0.22	10.96	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
w. Tin, Total (7440-31-5)		X																
x. Titanium, Total (7440-32-8)		X																

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CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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 (7440-38-0)	X		X												
2M. Arsenic, Total (7440-38-2)	X		X												
3M. Beryllium, Total (7440-41-7)	X		X												
4M. Cadmium, Total (7440-43-9)	X		X												
5M. Chromium, Total (7440-47-3)	X		X												
6M. Copper, Total (7440-50-8)	X	X		0.113	5.63	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
7M. Lead, Total (7439-92-1)	X		X												
8M. Mercury, Total (7439-97-6)	X		X	2.98e-5	1.5e-3	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
9M. Nickel, Total (7440-02-0)	X	X		0.13	6.48	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
10M. Selenium, Total (7782-49-2)	X		X												
11M. Silver, Total (7440-22-4)	X		X												
12M. Thallium, Total (7440-28-0)	X		X												
13M. Zinc, Total (7440-66-6)	X	X		0.62	30.89	0.62	30.89	0.36	5.60	5	mg/l	1b/dy			
14M. Cyanide, Total (57-12-5)	X		X												
15M. Phenols, Total	X		X												
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1784-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2) MASS	(1)	(2) MASS	(1)	(2) MASS				(1)	(2) MASS		
				CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS	CONCENTRATION	(2) MASS				CONCENTRATION	(2) MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (58-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chloro- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (67-66-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-08-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-67-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-8)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-8)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)				
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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	b. NO. OF ANALYSES			
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)																		
22V. Methylene Chloride (75-09-2)	X		X															
23V. 1,1,2,2-Tetrachloroethane (78-34-5)	X		X															
24V. Tetrachloroethylene (127-18-4)	X		X															
25V. Toluene (108-88-3)	X		X															
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X															
27V. 1,1,1-Trichloroethane (71-55-8)	X		X															
28V. 1,1,2-Trichloroethane (78-00-5)	X		X															
29V Trichloroethylene (78-01-6)	X		X															
30V. Trichlorofluoromethane (75-89-4)	X		X															
31V. Vinyl Chloride (75-01-4)	X		X															
GC/MS FRACTION - ACID COMPOUNDS																		
1A. 2-Chlorophenol (85-57-8)	X		X															
2A. 2,4-Dichlorophenol (120-83-2)	X		X															
3A. 2,4-Dimethylphenol (105-87-9)	X		X															
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X															
5A. 2,4-Dinitrophenol (51-28-5)	X		X															
6A. 2-Nitrophenol (88-75-5)	X		X															
7A. 4-Nitrophenol (100-02-7)	X		X															
8A. P-Chloro-M-Cresol (58-50-7)	X		X															
9A. Pentachlorophenol (87-88-5)	X		X															
10A. Phenol (108-95-2)	X		X															
11A. 2,4,6-Trichlorophenol (88-06-2)	X		X															

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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													
2B. Acenaphthylene (208-98-8)	X		X													
3B. Anthracene (120-12-7)	X		X													
4B. Benzidine (92-87-5)	X		X													
5B. Benzo (a) Anthracene (58-55-3)	X		X													
6B. Benzo (a) Pyrene (50-32-8)	X		X													
7B. 3,4-Benzo- fluoranthene (205-98-2)	X		X													
8B. Benzo (ghi) Perylene (191-24-2)	X		X													
9B. Benzo (k) Fluoranthene (207-08-9)	X		X													
10B. Bis (2-Chloro- ethoxy) Methane (111-81-1)	X		X													
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X													
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)	X		X													
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X													
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X													
15B. Butyl Benzyl Phthalate (85-68-7)	X		X													
16B. 2-Chloro- naphthalene (91-58-7)	X		X													
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X													
18B. Chrysene (218-01-8)	X		X													
19B. Dibenzo (a,k) Anthracene (53-70-3)	X		X													
20B. 1,2-Dichloro- benzene (95-50-1)	X		X													
21B. 1,3-Di-chloro- benzene (541-73-1)	X		X													

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	e. CONCEN- TRATION	f. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichloro- benzene (108-48-7)	X		X													
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X													
24B. Diethyl Phthalate (84-66-2)	X		X													
25B. Dimethyl Phthalate (131-11-3)	X		X													
26B. Di-N-Butyl Phthalate (84-74-2)	X		X													
27B. 2,4-Dinitro- toluene (121-14-2)	X		X													
28B. 2,6-Dinitro- toluene (908-20-2)	X		X													
29B. Di-N-Octyl Phthalate (117-84-0)	X		X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-88-7)	X		X													
31B. Fluoranthene (206-44-0)	X		X													
32B. Fluorene (86-73-7)	X		X													
33B. Hexachloro- benzene (118-74-1)	X		X													
34B. Hexachloro- butadiene (87-68-3)	X		X													
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X													
36B. Hexachloro- ethane (87-72-1)	X		X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X													
38B. Isophorone (78-58-1)	X		X													
39B. Naphthalene (91-20-3)	X		X													
40B. Nitrobenzene (98-95-3)	X		X													
41B. N-Nitro- sodimethylamine (62-75-9)	X		X													
42B. N-Nitrosodi- N-Propylamine (621-84-7)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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													
44B. Phenanthrene (85-01-8)	X		X													
45B. Pyrene (129-00-0)	X		X													
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X													
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (308-00-2)	X		X													
2P. α-BHC (319-84-8)	X		X													
3P. β-BHC (319-85-7)	X		X													
4P. γ-BHC (58-89-9)	X		X													
5P. δ-BHC (319-86-8)	X		X													
6P. Chlordane (57-74-9)	X		X													
7P. 4,4'-DDT (50-29-3)	X		X													
8P. 4,4'-DDE (72-55-8)	X		X													
9P. 4,4'-DDD (72-54-8)	X		X													
10P. Dieldrin (60-57-1)	X		X													
11P. α-Endosulfan (115-29-7)	X		X													
12P. β-Endosulfan (115-29-7)	X		X													
13P. Endosulfan Sulfate (1031-07-8)	X		X													
14P. Endrin (72-20-8)	X		X													
15P. Endrin Aldehyde (7421-83-4)	X		X													
16P. Heptachlor (76-44-8)	X		X													

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

OUTFALL NUMBER

MS0029521

005

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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														
18P. PCB-1242 (53489-21-9)	X		X														
18P. PCB-1254 (11087-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12672-29-8)	X		X														
23P. PCB-1260 (11088-82-5)	X		X														
24P. PCB-1018 (12674-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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)
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V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)											OUTFALL NO. 006			
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							3. UNITS (specify if blank)		4. INTAKE (optional)				
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	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			
a. Biochemical Oxygen Demand (BOD)	1.5	8.14	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	4.6	24.95	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	16	86.78	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 0.65		VALUE 0.65		VALUE 0.36		2	MGD	N/A	VALUE				
g. Temperature (winter)	VALUE 18.9		VALUE 18.9		VALUE 18.9		1	°C		VALUE				
h. Temperature (summer)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	°C		VALUE				
i. pH	MINIMUM 8.51	MAXIMUM 8.51	MINIMUM 8.51	MAXIMUM 8.51			1	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 or 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"		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. CONCEN- TRATION	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	
a. Bromide (24959-67-9)	X		0.52	2.82	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual		X												
c. Color	X		30	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.35	1.90	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)		X												

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. CONCEN- TRATION	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		0.40	2.17	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X		3.38	18.33	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
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		3370	18278	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃), (14285-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)	X		5.46	29.62	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
p. Barium, Total (7440-39-3)	X		0.04	0.22	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-8)	X		48.6	263.60	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
t. Magnesium, Total (7439-95-4)	X		54.3	294.52	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)	X		1.47	7.97	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MS0029521	006

CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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. CONCEN- TRATION	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 (7440-38-0)	X		X													
2M. Arsenic, Total (7440-38-2)	X		X	0.012	0.065	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-8)	X		X	0.0008	0.004	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
5M. Chromium, Total (7440-47-3)	X	X		0.125	0.68	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
6M. Copper, Total (7440-50-8)	X	X		0.098	0.53	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
7M. Lead, Total (7439-92-1)	X		X	0.003	0.016	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
8M. Mercury, Total (7439-97-8)	X		X	5.5e-6	3.0e-5	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X	X		0.136	0.74	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
10M. Selenium, Total (7782-49-2)	X		X	0.007	0.038	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-66-6)	X	X		0.270	1.47	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-8)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)									
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	e. CONCENTRATION	f. MASS	g. CONCENTRATION	h. 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 - VOLATILE COMPOUNDS																							
1V. Acrolein (107-02-8)	X		X																				
2V. Acrylonitrile (107-13-1)	X		X																				
3V. Benzene (71-43-2)	X		X																				
4V. Bis (Chloro- methyl) Ether (542-88-1)			X																				
5V. Bromoform (75-25-2)	X		X																				
6V. Carbon Tetrachloride (56-23-5)	X		X																				
7V. Chlorobenzene (108-90-7)	X		X																				
8V. Chloro- bromomethane (124-48-1)	X		X																				
9V. Chloroethane (75-00-3)	X		X																				
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X																				
11V. Chloroform (67-68-3)	X		X																				
12V. Dichloro- bromomethane (75-27-4)	X		X																				
13V. Dichloro- difluoromethane (75-71-8)			X																				
14V. 1,1-Dichloro- ethane (75-34-3)	X		X																				
15V. 1,2-Dichloro- ethane (107-08-2)	X		X																				
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X																				
17V. 1,2-Dichloro- propane (78-67-5)	X		X																				
18V. 1,3-Dichloro- propylene (542-75-8)	X		X																				
19V. Ethylbenzene (100-41-4)	X		X																				
20V. Methyl Bromide (74-83-9)	X		X																				
21V. Methyl Chloride (74-87-3)	X		X																				

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X		X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X												
24V. Tetrachloroethylene (127-18-4)	X		X												
25V. Toluene (108-88-3)	X		X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X												
27V. 1,1,1-Trichloroethane (71-55-6)	X		X												
28V. 1,1,2-Trichloroethane (79-00-5)	X		X												
29V. Trichloroethylene (79-01-6)	X		X												
30V. Trichlorofluoromethane (75-80-4)	X		X												
31V. Vinyl Chloride (75-01-4)	X		X												
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X												
2A. 2,4-Dichlorophenol (120-83-2)	X		X												
3A. 2,4-Dimethylphenol (105-67-9)	X		X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X												
5A. 2,4-Dinitrophenol (51-28-5)	X		X												
6A. 2-Nitrophenol (88-75-5)	X		X												
7A. 4-Nitrophenol (100-02-7)	X		X												
8A. P-Chloro-M-Cresol (59-50-7)	X		X												
9A. Pentachlorophenol (87-88-5)	X		X												
10A. Phenol (108-85-2)	X		X												
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X												

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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												
2B. Acenaphthylene (208-96-8)	X		X												
3B. Anthracene (120-12-7)	X		X												
4B. Benzidine (92-87-5)	X		X												
5B. Benzo (a) Anthracene (58-65-3)	X		X												
6B. Benzo (a) Pyrene (50-32-8)	X		X												
7B. 3,4-Benzo-Fluoranthene (205-99-2)	X		X												
8B. Benzo (ghi) Perylene (191-24-2)	X		X												
9B. Benzo (k) Fluoranthene (207-08-9)	X		X												
10B. Bis (2-Chloro-ethoxy) Methane (111-91-1)	X		X												
11B. Bis (2-Chloro-ethyl) Ether (111-44-4)	X		X												
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X		X												
13B. Bis (2-Ethyl-hexyl) Phthalate (117-81-7)	X		X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X												
15B. Butyl Benzyl Phthalate (85-88-7)	X		X												
16B. 2-Chloro-naphthalene (81-58-7)	X		X												
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)	X		X												
18B. Chrysene (218-01-9)	X		X												
19B. Dibenzo (a,k) Anthracene (53-70-3)	X		X												
20B. 1,2-Dichloro-benzene (95-50-1)	X		X												
21B. 1,3-Di-chloro-benzene (541-73-1)	X		X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichlorobenzene (106-48-7)	X		X													
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X													
24B. Diethyl Phthalate (84-86-2)	X		X													
25B. Dimethyl Phthalate (131-11-3)	X		X													
26B. Di-N-Butyl Phthalate (84-74-2)	X		X													
27B. 2,4-Dinitrotoluene (121-14-2)	X		X													
28B. 2,6-Dinitrotoluene (908-20-2)	X		X													
29B. Di-N-Octyl Phthalate (117-84-0)	X		X													
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-86-7)	X		X													
31B. Fluoranthene (208-44-0)	X		X													
32B. Fluorene (86-73-7)	X		X													
33B. Hexachlorobenzene (118-74-1)	X		X													
34B. Hexachlorobutadiene (67-68-3)	X		X													
35B. Hexachlorocyclopentadiene (77-47-4)	X		X													
36B. Hexachloroethane (67-72-1)	X		X													
37B. Indeno (1,2,3-cd) Pyrene (193-38-5)	X		X													
38B. Isophorone (78-59-1)	X		X													
39B. Naphthalene (91-20-3)	X		X													
40B. Nitrobenzene (98-95-3)	X		X													
41B. N-Nitrosodimethylamine (62-75-8)	X		X													
42B. N-Nitrosodi-N-Propylamine (621-84-7)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X		X												
44B. Phenanthrene (85-01-8)	X		X												
45B. Pyrene (129-00-0)	X		X												
48B. 1,2,4-Trichlorobenzene (120-82-1)	X		X												
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X		X												
2P. α-BHC (319-84-8)	X		X												
3P. β-BHC (319-85-7)	X		X												
4P. γ-BHC (58-89-9)	X		X												
5P. δ-BHC (319-88-8)	X		X												
6P. Chlordane (57-74-9)	X		X												
7P. 4,4'-DDT (50-29-3)	X		X												
8P. 4,4'-DDE (72-55-8)	X		X												
9P. 4,4'-DDD (72-54-8)	X		X												
10P. Dieldrin (60-57-1)	X		X												
11P. α-Endosulfan (115-29-7)	X		X												
12P. β-Endosulfan (115-29-7)	X		X												
13P. Endosulfan Sulfate (1031-07-8)	X		X												
14P. Endrin (72-20-8)	X		X												
15P. Endrin Aldehyde (7421-83-4)	X		X												
16P. Heptachlor (78-44-8)	X		X												

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CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	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														
18P. PCB-1242 (53489-21-9)	X		X														
19P. PCB-1254 (11097-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12672-29-6)	X		X														
23P. PCB-1260 (11098-82-5)	X		X														
24P. PCB-1016 (12674-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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)
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V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)											OUTFALL NO. 007			
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						3. UNITS (specify if blank)		4. INTAKE (optional)					
	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			
a. Biochemical Oxygen Demand (BOD)	3.0	13.70	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	4.30	19.63	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	47.00	214.61	25.50	63.58	4.04	4.55	26	mg/l	lb/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 0.5472		VALUE 0.2988		VALUE 0.1351		26	MGD	N/A	VALUE				
g. Temperature (winter)	VALUE 20.6		VALUE 20.3		VALUE 16.8		10	°C		VALUE				
h. Temperature (summer)	VALUE 28.1		VALUE 27.9		VALUE 25.1		11	°C		VALUE				
i. pH	MINIMUM 7.05	MAXIMUM 8.79	MINIMUM 7.05	MAXIMUM 8.79			26	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 or 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"		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						
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual	X		1.43	6.53	0.57	1.42	0.12	0.14	27	mg/l	lb/dy			
c. Color	X		5	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X												
e. Fluoride (18984-48-8)	X		0.30	1.37	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)	X		0.85	3.88	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			

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		0.22	1.01	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
h. Oil and Grease	X		0.00	0.00	0.00	0.00	0.00	0.00	26	mg/l	lb/dy			
i. Phosphorus (as P), Total (7723-14-0)	X		0.24	1.10	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (as SO ₄) (14806-78-8)	X		35.6	162.55	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14285-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-38-3)	X		0.08	0.37	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
q. Boron, Total (7440-42-8)		X	0.04	0.183	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		0.23	1.05	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
t. Magnesium, Total (7439-95-4)	X		32.2	147.03	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-98-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-8)		X												

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MS0029521	007

CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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													
2M. Arsenic, Total (7440-38-2)	X		X													
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-8)	X		X													
5M. Chromium, Total (7440-47-3)	X		X	0.004	0.018	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
6M. Copper, Total (7440-50-8)	X		X	0.012	0.055	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
7M. Lead, Total (7439-92-1)	X		X													
8M. Mercury, Total (7439-97-6)	X		X	8.7e-6	4.0e-5	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X		X													
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-66-6)	X	X		0.042	0.19	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (56-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chlorodi- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (87-86-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-06-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-87-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-6)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-8)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	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 - VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)	X		X													
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X													
24V. Tetrachloroethylene (127-18-4)	X		X													
25V. Toluene (108-88-3)	X		X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X													
27V. 1,1,1-Trichloroethane (71-55-8)	X		X													
28V. 1,1,2-Trichloroethane (79-00-5)	X		X													
29V. Trichloroethylene (78-01-6)	X		X													
30V. Trichlorofluoromethane (75-69-4)	X		X													
31V. Vinyl Chloride (75-01-4)	X		X													
GC/MS FRACTION - ACID COMPOUNDS																
1A. 2-Chlorophenol (95-57-8)	X		X													
2A. 2,4-Dichlorophenol (120-83-2)	X		X													
3A. 2,4-Dimethylphenol (105-67-9)	X		X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X													
5A. 2,4-Dinitrophenol (51-28-5)	X		X													
6A. 2-Nitrophenol (88-75-5)	X		X													
7A. 4-Nitrophenol (100-02-7)	X		X													
8A. P-Chloro-M-Cresol (59-50-7)	X		X													
9A. Pentachlorophenol (87-86-5)	X		X													
10A. Phenol (108-95-2)	X		X													
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	e. CONCEN- TRATION	f. 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																
18. Acenaphthene (83-32-8)	X		X													
28. Acenaphthylene (208-98-8)	X		X													
38. Anthracene (120-12-7)	X		X													
48. Benzidine (92-87-5)	X		X													
58. Benzo (a) Anthracene (56-55-3)	X		X													
68. Benzo (a) Pyrene (50-32-8)	X		X													
78. 3,4-Benzo- fluoranthene (205-98-2)	X		X													
88. Benzo (ghi) Perylene (191-24-2)	X		X													
98. Benzo (k) Fluoranthene (207-08-9)	X		X													
108. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X													
118. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X													
128. Bis (2- Chloroisopropyl) Ether (102-80-1)	X		X													
138. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X													
148. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X													
158. Butyl Benzyl Phthalate (85-88-7)	X		X													
168. 2-Chloro- naphthalene (91-58-7)	X		X													
178. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X													
188. Chrysene (218-01-9)	X		X													
198. Dibenzo (a,h) Anthracene (53-70-3)	X		X													
208. 1,2-Dichloro- benzene (95-50-1)	X		X													
218. 1,3-Di-chloro- benzene (541-73-1)	X		X													

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichlorobenzene (106-46-7)	X		X													
23B. 3,3-Dichlorobenzidine (91-84-1)	X		X													
24B. Diethyl Phthalate (84-66-2)	X		X													
25B. Dimethyl Phthalate (131-11-3)	X		X													
26B. Di-N-Butyl Phthalate (84-74-2)	X		X													
27B. 2,4-Dinitrotoluene (121-14-2)	X		X													
28B. 2,6-Dinitrotoluene (806-20-2)	X		X													
29B. Di-N-Octyl Phthalate (117-84-0)	X		X													
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X		X													
31B. Fluoranthene (206-44-0)	X		X													
32B. Fluorene (86-73-7)	X		X													
33B. Hexachlorobenzene (118-74-1)	X		X													
34B. Hexachlorobutadiene (87-68-3)	X		X													
35B. Hexachlorocyclopentadiene (77-47-4)	X		X													
36B. Hexachloroethane (87-72-1)	X		X													
37B. Indeno (1,2,3-cd) Pyrene (183-38-5)	X		X													
38B. Isophorone (78-59-1)	X		X													
39B. Naphthalene (91-20-3)	X		X													
40B. Nitrobenzene (98-95-3)	X		X													
41B. N-Nitrosodimethylamine (62-75-9)	X		X													
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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 (88-30-8)	X		X													
44B. Phenanthrene (85-01-8)	X		X													
45B. Pyrene (129-00-0)	X		X													
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X													
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (309-00-2)	X		X													
2P. α-BHC (319-84-8)	X		X													
3P. β-BHC (319-85-7)	X		X													
4P. γ-BHC (58-89-8)	X		X													
5P. δ-BHC (319-86-8)	X		X													
6P. Chlordane (57-74-9)	X		X													
7P. 4,4'-DDT (50-29-3)	X		X													
8P. 4,4'-DDE (72-55-9)	X		X													
9P. 4,4'-DDD (72-54-8)	X		X													
10P. Dieldrin (60-57-1)	X		X													
11P. α-Endosulfan (115-29-7)	X		X													
12P. β-Endosulfan (115-29-7)	X		X													
13P. Endosulfan Sulfate (1031-07-8)	X		X													
14P. Endrin (72-20-8)	X		X													
15P. Endrin Aldehyde (7421-83-4)	X		X													
16P. Heptachlor (78-44-8)	X		X													

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

OUTFALL NUMBER

MS0029521

007

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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														
18P. PCB-1242 (53488-21-9)	X		X														
19P. PCB-1254 (11097-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-16-5)	X		X														
22P. PCB-1248 (12872-28-8)	X		X														
23P. PCB-1280 (11096-82-5)	X		X														
24P. PCB-1016 (12874-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

EPA Form 3510-2C (8-90)

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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)
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V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)										OUTFALL NO. 011				
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						3. UNITS (specify if blank)		4. INTAKE (optional)					
	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			
a. Biochemical Oxygen Demand (BOD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	1b/day					
b. Chemical Oxygen Demand (COD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	1b/day					
c. Total Organic Carbon (TOC)	0	0	N/A	N/A	N/A	N/A	1	mg/l	1b/day					
d. Total Suspended Solids (TSS)	1.55	0.99	11.55	4.70	0.99	0.26	14	mg/l	1b/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	1b/day					
f. Flow	VALUE 0.0762		VALUE 0.0488		VALUE 0.0312		191	MGD	N/A	VALUE				
g. Temperature (winter)	VALUE 31.2		VALUE 31.2		VALUE 31.2		1	°C		VALUE				
h. Temperature (summer)	VALUE N/A		VALUE N/A		VALUE N/A		N/A	°C		VALUE				
i. pH	MINIMUM 7.75	MAXIMUM 7.75	MINIMUM 7.75	MAXIMUM 7.75			1	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 or 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"		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	
a. Bromide (24859-67-9)		X												
b. Chlorine, Total Residual		X	0	0	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
c. Color	X		5	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-6)		X												
f. Nitrate-Nitrite (as N)		X												

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	0.042	0.027	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X		0.74	0.47	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
j. Radioactivity														
(1) Alpha, Total	X		4.63	1.34e6	N/A	N/A	N/A	N/A	1	pCi/l	pCi/d			
(2) Beta, Total	X		725	2.09e8	N/A	N/A	N/A	N/A	1	pCi/l	pCi/d			
(3) Radium, Total	X		2.55	7.35e5	N/A	N/A	N/A	N/A	1	pCi/l	pCi/d			
(4) Radium 226, Total	X		1.05	3.03e5	N/A	N/A	N/A	N/A	1	pCi/l	pCi/d			
k. Sulfate (as SO ₄) (14808-78-8)		X												
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14285-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X												
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X	0.111	0.071	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
s. Iron, Total (7439-89-6)	X		39.5	25.12	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
t. Magnesium, Total (7439-85-4)		X												
u. Molybdenum, Total (7439-98-7)		X	0.149	0.095	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MS0029521	011

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 20-2 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 industry and 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 that 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	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
METALS, CYANIDE, AND TOTAL PHENOLS																
1M. Antimony, Total (7440-38-0)	X		X													
2M. Arsenic, Total (7440-38-2)	X		X													
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-9)	X		X													
5M. Chromium, Total (7440-47-3)	X		X													
6M. Copper, Total (7440-50-8)	X	X		0.599	0.38	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
7M. Lead, Total (7439-82-1)	X		X													
8M. Mercury, Total (7439-87-6)	X		X													
9M. Nickel, Total (7440-02-0)	X		X													
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X	0.336	0.214	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
13M. Zinc, Total (7440-68-8)	X		X													
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-6)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (56-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chlorodi- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (67-66-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-06-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-87-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-8)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-9)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS			5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X		X												
23V. 1,1,2,2-Tetrachloroethane (78-34-5)	X		X												
24V. Tetrachloroethylene (127-18-4)	X		X												
25V. Toluene (108-88-3)	X		X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X												
27V. 1,1,1-Trichloroethane (71-55-8)	X		X												
28V. 1,1,2-Trichloroethane (78-00-5)	X		X												
29V. Trichloroethylene (78-01-8)	X		X												
30V. Trichlorofluoromethane (75-69-4)	X		X												
31V. Vinyl Chloride (75-01-4)	X		X												
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X												
2A. 2,4-Dichlorophenol (120-83-2)	X		X												
3A. 2,4-Dimethylphenol (105-87-0)	X		X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X												
5A. 2,4-Dinitrophenol (51-28-5)	X		X												
6A. 2-Nitrophenol (88-75-6)	X		X												
7A. 4-Nitrophenol (100-02-7)	X		X												
8A. P-Chloro-M-Cresol (58-50-7)	X		X												
9A. Pentachlorophenol (87-88-5)	X		X												
10A. Phenol (108-95-2)	X		X												
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
1B. Acenaphthene (83-32-8)	X		X													
2B. Acenaphthylene (208-98-8)	X		X													
3B. Anthracene (120-12-7)	X		X													
4B. Benzidine (82-87-5)	X		X													
5B. Benzo (a) Anthracene (56-55-3)	X		X													
6B. Benzo (a) Pyrene (50-32-8)	X		X													
7B. 3,4-Benzo- fluoranthene (205-98-2)	X		X													
8B. Benzo (ghi) Perylene (181-24-2)	X		X													
9B. Benzo (h) Fluoranthene (207-08-9)	X		X													
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X													
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X													
12B. Bis (2- Chloroisopropyl) Ether (102-60-1)	X		X													
13B. Bis (2-Ethyl- acetyl) Phthalate (117-81-7)	X		X													
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X													
15B. Butyl Benzyl Phthalate (85-68-7)	X		X													
16B. 2-Chloro- naphthalene (91-58-7)	X		X													
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X													
18B. Chrysene (218-01-9)	X		X													
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X													
20B. 1,2-Dichloro- benzene (85-50-1)	X		X													
21B. 1,3-Di-chloro- benzene (541-73-1)	X		X													

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (108-48-7)	X		X												
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X												
24B. Diethyl Phthalate (84-68-2)	X		X												
25B. Dimethyl Phthalate (131-11-3)	X		X												
26B. Di-N-Butyl Phthalate (84-74-2)	X		X												
27B. 2,4-Dinitrotoluene (121-14-2)	X		X												
28B. 2,6-Dinitrotoluene (808-20-2)	X		X												
29B. Di-N-Octyl Phthalate (117-84-0)	X		X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X		X												
31B. Fluoranthene (206-44-0)	X		X												
32B. Fluorene (88-73-7)	X		X												
33B. Hexachlorobenzene (119-74-1)	X		X												
34B. Hexachlorobutadiene (87-68-3)	X		X												
35B. Hexachlorocyclopentadiene (77-47-4)	X		X												
36B. Hexachloroethane (87-72-1)	X		X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X												
38B. Isophorone (78-59-1)	X		X												
39B. Naphthalene (91-20-3)	X		X												
40B. Nitrobenzene (98-95-3)	X		X												
41B. N-Nitrosodimethylamine (62-75-9)	X		X												
42B. N-Nitrosodi-N-Propylamine (821-64-7)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)							
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (88-30-8)	X		X																
44B. Phenanthrene (85-01-8)	X		X																
45B. Pyrene (129-00-0)	X		X																
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X																
GC/MS FRACTION - PESTICIDES																			
1P. Aldrin (309-00-2)	X		X																
2P. α-BHC (319-84-8)	X		X																
3P. β-BHC (319-85-7)	X		X																
4P. γ-BHC (58-89-9)	X		X																
5P. δ-BHC (319-88-8)	X		X																
6P. Chlordane (57-74-9)	X		X																
7P. 4,4'-DDT (50-29-3)	X		X																
8P. 4,4'-DDE (72-65-8)	X		X																
9P. 4,4'-DDD (72-54-8)	X		X																
10P. Dieldrin (80-57-1)	X		X																
11P. α-Endosulfan (115-29-7)	X		X																
12P. β-Endosulfan (115-29-7)	X		X																
13P. Endosulfan Sulfate (1031-07-8)	X		X																
14P. Endrin (72-20-8)	X		X																
15P. Endrin Aldehyde (7421-83-4)	X		X																
16P. Heptachlor (78-44-8)	X		X																

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

OUTFALL NUMBER

MS0029521

011

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES		
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)			
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS			
GC/MS FRACTION - PESTICIDES (continued)																	
17P. Heptachlor Epoxide (1024-57-3)	X		X														
18P. PCB-1242 (53488-21-8)	X		X														
18P. PCB-1254 (11097-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12872-29-6)	X		X														
23P. PCB-1260 (11088-82-5)	X		X														
24P. PCB-1018 (12874-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

EPA Form 3510-2C (8-80)

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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)
MS0029521

V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)											OUTFALL NO. 013			
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						3. UNITS (specify if blank)		4. INTAKE (optional)					
	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			
a. Biochemical Oxygen Demand (BOD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	32	213.62	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	5.9	39.39	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	24.00	160.22	24.00	160.22	14.00	26.87	4	mg/l	lb/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 0.80		VALUE 0.80		VALUE 0.23		4	MGD	N/A	VALUE				
g. Temperature (winter)	VALUE 14.5		VALUE 14.5		VALUE 14.5		1	°C		VALUE				
h. Temperature (summer)	VALUE 27.1		VALUE 27.1		VALUE 23.8		2	°C		VALUE				
i. pH	MINIMUM 7.11	MAXIMUM 7.98	MINIMUM 7.11	MAXIMUM 7.98			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 or 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"		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						
a. Bromide (24959-87-9)	X		1.06	7.08	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual		X												
c. Color	X		40	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X	110	3.3e11	N/A	N/A	N/A	N/A	1	cf/100ml	cf/dy			
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (as N)		X												

ITEM V-8 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		0.48	3.20	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
h. Oil and Grease		X																
i. Phosphorus (as P), Total (7723-14-0)	X		0.18	1.20	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
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																
l. Sulfide (as S)		X																
m. Sulfite (as SO ₃) (14285-45-3)		X																
n. Surfactants		X																
o. Aluminum, Total (7429-90-5)		X																
p. Barium, Total (7440-39-3)	X		0.12	0.80	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
q. Boron, Total (7440-42-8)		X																
r. Cobalt, Total (7440-48-4)		X																
s. Iron, Total (7439-89-6)	X		0.27	1.80	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
t. Magnesium, Total (7439-95-4)	X		24.0	160.22	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
u. Molybdenum, Total (7439-98-7)		X																
v. Manganese, Total (7439-96-5)	X		0.28	1.87	N/A	N/A	N/A	N/A	1	mg/l	lb/dy							
w. Tin, Total (7440-31-5)		X																
x. Titanium, Total (7440-32-6)		X																

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
MS0029521	013

CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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 (7440-38-0)	X		X													
2M. Arsenic, Total (7440-38-2)	X		X	0.012	0.08	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
3M. Beryllium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-9)	X		X													
5M. Chromium, Total (7440-47-3)	X		X													
6M. Copper, Total (7440-50-8)	X		X													
7M. Lead, Total (7439-92-1)	X		X													
8M. Mercury, Total (7439-97-9)	X		X	2.0e-6	1.3e-5	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X		X													
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-68-6)	X		X													
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-8)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (56-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chlorodi- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (67-68-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-06-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-87-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-6)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-b)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)	X		X													
23V. 1,1,2,2-Tetrachloroethane (78-34-5)	X		X													
24V. Tetrachloroethylene (127-18-4)	X		X													
25V. Toluene (108-88-3)	X		X													
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X													
27V. 1,1,1-Trichloroethane (71-55-6)	X		X													
28V. 1,1,2-Trichloroethane (78-00-5)	X		X													
29V. Trichloroethylene (78-01-6)	X		X													
30V. Trichlorofluoromethane (75-68-4)	X		X													
31V. Vinyl Chloride (75-01-4)	X		X													
GC/MS FRACTION - ACID COMPOUNDS																
1A. 2-Chlorophenol (95-67-8)	X		X													
2A. 2,4-Dichlorophenol (120-83-2)	X		X													
3A. 2,4-Dimethylphenol (105-67-9)	X		X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X													
5A. 2,4-Dinitrophenol (51-28-5)	X		X													
6A. 2-Nitrophenol (88-75-5)	X		X													
7A. 4-Nitrophenol (100-02-7)	X		X													
8A. P-Chloro-M-Cresol (59-50-7)	X		X													
9A. Pentachlorophenol (87-86-5)	X		X													
10A. Phenol (108-95-2)	X		X													
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-8)	X		X												
2B. Acenaphthylene (208-98-8)	X		X												
3B. Anthracene (120-12-7)	X		X												
4B. Benzidine (92-87-5)	X		X												
5B. Benzo (a) Anthracene (56-55-3)	X		X												
6B. Benzo (a) Pyrene (50-32-8)	X		X												
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X												
8B. Benzo (ghi) Perylene (191-24-2)	X		X												
9B. Benzo (k) Fluoranthene (207-08-9)	X		X												
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X												
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X												
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)	X		X												
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X												
15B. Butyl Benzyl Phthalate (85-88-7)	X		X												
16B. 2-Chloro- naphthalene (91-58-7)	X		X												
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X												
18B. Chrysene (218-01-9)	X		X												
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X												
20B. 1,2-Dichloro- benzene (85-50-1)	X		X												
21B. 1,3-Di-chloro- benzene (541-73-1)	X		X												

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (106-48-7)	X		X												
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X												
24B. Diethyl Phthalate (84-68-2)	X		X												
25B. Dimethyl Phthalate (131-11-3)	X		X												
26B. Di-N-Butyl Phthalate (84-74-2)	X		X												
27B. 2,4-Dinitrotoluene (121-14-2)	X		X												
28B. 2,6-Dinitrotoluene (806-20-2)	X		X												
29B. Di-N-Octyl Phthalate (117-84-0)	X		X												
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X		X												
31B. Fluoranthene (208-44-0)	X		X												
32B. Fluorene (86-73-7)	X		X												
33B. Hexachlorobenzene (118-74-1)	X		X												
34B. Hexachlorobutadiene (87-68-3)	X		X												
35B. Hexachlorocyclopentadiene (77-47-4)	X		X												
36B. Hexachloroethane (87-72-1)	X		X												
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X												
38B. Isophorone (78-59-1)	X		X												
39B. Naphthalene (91-20-3)	X		X												
40B. Nitrobenzene (98-95-3)	X		X												
41B. N-Nitrosodimethylamine (62-75-8)	X		X												
42B. N-Nitrosodi-N-Propylamine (621-84-7)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	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-Nitro- sodiphenylamine (88-30-8)	X		X												
44B. Phenanthrene (85-01-8)	X		X												
45B. Pyrene (129-00-0)	X		X												
46B. 1,2,4-Tri- chlorobenzene (120-82-1)	X		X												
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X		X												
2P. α-BHC (319-84-6)	X		X												
3P. β-BHC (319-85-7)	X		X												
4P. γ-BHC (58-89-9)	X		X												
5P. δ-BHC (319-88-8)	X		X												
6P. Chlordane (57-74-9)	X		X												
7P. 4,4'-DDT (50-29-3)	X		X												
8P. 4,4'-DDE (72-55-9)	X		X												
9P. 4,4'-DDD (72-54-8)	X		X												
10P. Dieldrin (60-57-1)	X		X												
11P. α-Endosulfan (115-29-7)	X		X												
12P. β-Endosulfan (115-29-7)	X		X												
13P. Endosulfan Sulfate (1031-07-8)	X		X												
14P. Endrin (72-20-8)	X		X												
15P. Endrin Aldehyde (7421-93-4)	X		X												
16P. Heptachlor (78-44-8)	X		X												

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES		
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)			
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS			
GC/MS FRACTION - PESTICIDES (continued)																	
17P. Heptachlor Epoxide (1024-57-3)	X		X														
18P. PCB-1242 (53489-21-9)	X		X														
19P. PCB-1254 (11097-99-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12872-29-6)	X		X														
23P. PCB-1260 (11098-82-5)	X		X														
24P. PCB-1016 (12874-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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. 014			
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							3. UNITS (specify if blank)		4. INTAKE (optional)				
	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			
a. Biochemical Oxygen Demand (BOD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	4.4	2.57	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	3.00	1.75	3.00	1.75	1.75	0.58	4	mg/l	lb/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 0.07		VALUE 0.07		VALUE 0.04		4	MGD	N/A	VALUE				
g. Temperature (winter)	VALUE 17.3		VALUE 17.3		VALUE 13.0		2	°C		VALUE				
h. Temperature (summer)	VALUE 28.6		VALUE 28.6		VALUE 26.0		2	°C		VALUE				
i. pH	MINIMUM 7.25	MAXIMUM 8.64	MINIMUM 7.25	MAXIMUM 8.64			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 or 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"		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	
a. Bromide (24959-87-9)		X	0.25	0.146	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual		X												
c. Color	X		20	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X	110	2.9e10	N/A	N/A	N/A	N/A	1	cf/100ml	cf/dy			
e. Fluoride (14804-48-8)		X	0.17	0.099	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)		X												

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												
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X		0.28	0.164	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
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		18.3	10.69	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14285-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)		X	0.07	0.041	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
q. Boron, Total (7440-42-8)		X												
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)	X		0.10	0.06	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
t. Magnesium, Total (7439-95-4)	X		15.7	9.17	N/A	N/A	N/A	N/A	1	mg/l	1b/dy			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X												
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-8)		X												

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CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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 (7440-38-0)	X		X													
2M. Arsenic, Total (7440-38-2)	X		X	0.015	0.009	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
3M. Barium, Total (7440-41-7)	X		X													
4M. Cadmium, Total (7440-43-8)	X		X													
5M. Chromium, Total (7440-47-3)	X		X													
6M. Copper, Total (7440-50-8)	X		X													
7M. Lead, Total (7439-92-1)	X		X													
8M. Mercury, Total (7439-97-6)	X		X	2.3e-6	1.3e-6	N/A	N/A	N/A	N/A	1	mg/l	lb/dy				
9M. Nickel, Total (7440-02-0)	X		X													
10M. Selenium, Total (7782-49-2)	X		X													
11M. Silver, Total (7440-22-4)	X		X													
12M. Thallium, Total (7440-28-0)	X		X													
13M. Zinc, Total (7440-68-6)	X		X													
14M. Cyanide, Total (57-12-5)	X		X													
15M. Phenols, Total	X		X													
DIOXIN																
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1784-01-8)			X	DESCRIBE RESULTS												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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)	(2)	(1)	(2)	(1)	(2)				(1)	(2)	
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X		X												
2V. Acrylonitrile (107-13-1)	X		X												
3V. Benzene (71-43-2)	X		X												
4V. Bis (Chloromethyl) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)	X		X												
6V. Carbon Tetrachloride (58-23-5)	X		X												
7V. Chlorobenzene (108-90-7)	X		X												
8V. Chlorobromomethane (124-48-1)	X		X												
9V. Chloroethane (75-00-3)	X		X												
10V. 2-Chloroethylvinyl Ether (110-75-8)	X		X												
11V. Chloroform (67-66-3)	X		X												
12V. Dichlorobromomethane (75-27-4)	X		X												
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)	X		X												
15V. 1,2-Dichloroethane (107-06-2)	X		X												
16V. 1,1-Dichloroethylene (75-35-4)	X		X												
17V. 1,2-Dichloropropane (78-87-5)	X		X												
18V. 1,3-Dichloropropylene (542-75-8)	X		X												
19V. Ethylbenzene (100-41-4)	X		X												
20V. Methyl Bromide (74-83-9)	X		X												
21V. Methyl Chloride (74-87-3)	X		X												

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-08-2)	X		X												
23V. 1,1,2,2-Tetrachloroethane (78-34-5)	X		X												
24V. Tetrachloroethylene (127-18-4)	X		X												
25V. Toluene (108-88-3)	X		X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X												
27V. 1,1,1-Trichloroethane (71-55-6)	X		X												
28V. 1,1,2-Trichloroethane (79-00-5)	X		X												
29V. Trichloroethylene (79-01-6)	X		X												
30V. Trichlorofluoromethane (75-69-4)	X		X												
31V. Vinyl Chloride (75-01-4)	X		X												
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X												
2A. 2,4-Dichlorophenol (120-83-2)	X		X												
3A. 2,4-Dimethylphenol (105-67-9)	X		X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X												
5A. 2,4-Dinitrophenol (51-28-5)	X		X												
6A. 2-Nitrophenol (88-75-5)	X		X												
7A. 4-Nitrophenol (100-02-7)	X		X												
8A. P-Chloro-M-Cresol (58-50-7)	X		X												
9A. Pentachlorophenol (87-86-5)	X		X												
10A. Phenol (108-95-2)	X		X												
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a TESTING REQUIRED	b. BELIEVED PRESENT	c. 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														
2B. Acenaphthylene (208-98-8)	X		X														
3B. Anthracene (120-12-7)	X		X														
4B. Benzidine (82-87-5)	X		X														
5B. Benzo (a) Anthracene (58-55-3)	X		X														
6B. Benzo (a) Pyrene (50-32-8)	X		X														
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X														
8B. Benzo (ghi) Perylene (191-24-2)	X		X														
9B. Benzo (h) Fluoranthene (207-08-9)	X		X														
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X														
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X														
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)	X		X														
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X														
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X														
15B. Butyl Benzyl Phthalate (85-88-7)	X		X														
16B. 2-Chloro- naphthalene (91-58-7)	X		X														
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X														
18B. Chrysene (218-01-9)	X		X														
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X														
20B. 1,2-Dichloro- benzene (95-50-1)	X		X														
21B. 1,3-Di-chloro- benzene (541-73-1)	X		X														

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	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-Dichloro- benzene (108-48-7)	X		X													
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X													
24B. Diethyl Phthalate (84-86-2)	X		X													
25B. Dimethyl Phthalate (131-11-3)	X		X													
26B. Di-N-Butyl Phthalate (84-74-2)	X		X													
27B. 2,4-Dinitro- toluene (121-14-2)	X		X													
28B. 2,6-Dinitro- toluene (806-20-2)	X		X													
29B. Di-N-Octyl Phthalate (117-84-0)	X		X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)	X		X													
31B. Fluoranthene (206-44-0)	X		X													
32B. Fluorene (86-73-7)	X		X													
33B. Hexachloro- benzene (118-74-1)	X		X													
34B. Hexachloro- butadiene (87-68-3)	X		X													
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X													
36B. Hexachloro- ethane (87-72-1)	X		X													
37B. Indeno (1,2,3-cd) Pyrene (183-39-5)	X		X													
38B. Isophorone (78-59-1)	X		X													
39B. Naphthalene (91-20-3)	X		X													
40B. Nitrobenzene (98-95-3)	X		X													
41B. N-Nitro- sodimethylamine (62-75-9)	X		X													
42B. N-Nitrosodi- N-Propylamine (621-84-7)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (88-30-8)	X		X														
44B. Phenanthrene (85-01-8)	X		X														
45B. Pyrene (129-00-0)	X		X														
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X														
GC/MS FRACTION - PESTICIDES																	
1P. Aldrin (309-00-2)	X		X														
2P. α-BHC (319-84-6)	X		X														
3P. β-BHC (319-85-7)	X		X														
4P. γ-BHC (58-89-9)	X		X														
5P. δ-BHC (319-88-8)	X		X														
6P. Chlordane (57-74-8)	X		X														
7P. 4,4'-DDT (50-29-3)	X		X														
8P. 4,4'-DDE (72-55-6)	X		X														
9P. 4,4'-DDD (72-54-8)	X		X														
10P. Dieldrin (80-57-1)	X		X														
11P. α-Endosulfan (115-28-7)	X		X														
12P. β-Endosulfan (115-28-7)	X		X														
13P. Endosulfan Sulfate (1031-07-8)	X		X														
14P. Endrin (72-20-8)	X		X														
15P. Endrin Aldehyde (7421-93-4)	X		X														
16P. Heptachlor (76-44-8)	X		X														

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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														
18P. PCB-1242 (53488-21-8)	X		X														
19P. PCB-1254 (11097-89-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12872-28-6)	X		X														
23P. PCB-1280 (11098-82-5)	X		X														
24P. PCB-1016 (12874-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

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)
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V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)											OUTFALL NO. 016			
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							3. UNITS (specify if blank)		4. INTAKE (optional)				
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	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			
a. Biochemical Oxygen Demand (BOD)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
b. Chemical Oxygen Demand (COD)	80	45.60	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
c. Total Organic Carbon (TOC)	10.1	5.88	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
d. Total Suspended Solids (TSS)	11	6.41	3.00	1.75	1.75	0.16	4	mg/l	lb/day					
e. Ammonia (as N)	0	0	N/A	N/A	N/A	N/A	1	mg/l	lb/day					
f. Flow	VALUE 0.0698		VALUE 0.0698		VALUE 0.0109		8	MGD	N/A	VALUE				
g. Temperature (water)	VALUE 15.8		VALUE 15.8		VALUE 15.6		2	°C		VALUE				
h. Temperature (summer)	VALUE 29.6		VALUE 29.6		VALUE 26.1		3	°C		VALUE				
i. pH	MINIMUM 7.10	MAXIMUM 8.80	MINIMUM 7.10	MAXIMUM 8.10			8	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 or 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"		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. CONCEN- TRATION	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						
a. Bromide (24959-67-9)	X		5.29	3.08	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
b. Chlorine, Total Residual	X		0.21	0.12	0.21	0.12	0.04	0.0036	8	mg/l	lb/dy			
c. Color	X		20	N/A	N/A	N/A	N/A	N/A	1	N/A	N/A			
d. Fecal Coliform		X	12000	3.2e12	N/A	N/A	N/A	N/A	1	cl/100ml	cl/dy			
e. Fluoride (18084-48-8)	X		0.30	0.18	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
f. Nitrate-Nitrite (as N)	X		0.99	0.58	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			

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		0.52	0.30	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
h. Oil and Grease		X												
i. Phosphorus (as P), Total (7723-14-0)	X		0.17	0.10	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
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		27.6	16.08	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
l. Sulfide (as S)		X												
m. Sulfite (as SO ₃) (14285-45-3)		X												
n. Surfactants		X												
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)	X		0.42	0.25	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
q. Boron, Total (7440-42-8)		X	0.03	0.017	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
r. Cobalt, Total (7440-48-4)		X												
s. Iron, Total (7439-89-6)		X	0.08	0.047	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
t. Magnesium, Total (7439-95-4)	X		146	85.04	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
u. Molybdenum, Total (7439-98-7)		X												
v. Manganese, Total (7439-96-5)		X	0.06	0.035	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-8)		X												

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CONTINUED FROM PAGE 3 OF FORM 2-C

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 industry and 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 that 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	c. 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 (7440-38-0)	X		X												
2M. Arsenic, Total (7440-38-2)	X		X	0.027	0.016	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
3M. Beryllium, Total (7440-41-7)	X		X												
4M. Cadmium, Total (7440-43-8)	X		X												
5M. Chromium, Total (7440-47-3)	X		X	0.006	0.003	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
6M. Copper, Total (7440-50-8)	X		X												
7M. Lead, Total (7439-92-1)	X		X												
8M. Mercury, Total (7439-97-8)	X		X	2.3e-6	1.3e-6	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
9M. Nickel, Total (7440-02-0)	X		X												
10M. Selenium, Total (7782-49-2)	X		X												
11M. Silver, Total (7440-22-4)	X		X												
12M. Thallium, Total (7440-28-0)	X		X												
13M. Zinc, Total (7440-66-6)	X		X	0.013	0.008	N/A	N/A	N/A	N/A	1	mg/l	lb/dy			
14M. Cyanide, Total (57-12-5)	X		X												
15M. Phenols, Total	X		X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-p-Dioxin (1784-01-8)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - VOLATILE COMPOUNDS																
1V. Acrolein (107-02-8)	X		X													
2V. Acrylonitrile (107-13-1)	X		X													
3V. Benzene (71-43-2)	X		X													
4V. Bis (Chloro- methyl) Ether (542-88-1)			X													
5V. Bromoform (75-25-2)	X		X													
6V. Carbon Tetrachloride (56-23-5)	X		X													
7V. Chlorobenzene (108-90-7)	X		X													
8V. Chloro- bromomethane (124-48-1)	X		X													
9V. Chloroethane (75-00-3)	X		X													
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X													
11V. Chloroform (67-66-3)	X		X													
12V. Dichloro- bromomethane (75-27-4)	X		X													
13V. Dichloro- difluoromethane (75-71-8)			X													
14V. 1,1-Dichloro- ethane (75-34-3)	X		X													
15V. 1,2-Dichloro- ethane (107-06-2)	X		X													
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X													
17V. 1,2-Dichloro- propane (78-67-5)	X		X													
18V. 1,3-Dichloro- propylene (542-75-8)	X		X													
19V. Ethylbenzene (100-41-4)	X		X													
20V. Methyl Bromide (74-83-8)	X		X													
21V. Methyl Chloride (74-87-3)	X		X													

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 - VOLATILE COMPOUNDS (continued)																
22V. Methylene Chloride (75-09-2)	X		X													
23V. 1,1,2,2-Tetrachloroethane (78-34-5)	X		X													
24V. Tetrachloroethylene (127-18-4)	X		X													
25V. Toluene (108-88-3)	X		X													
26V. 1,2-Trans-Dichloroethylene (156-80-5)	X		X													
27V. 1,1,1-Trichloroethane (71-55-6)	X		X													
28V. 1,1,2-Trichloroethane (78-00-5)	X		X													
29V. Trichloroethylene (78-01-6)	X		X													
30V. Trichlorofluoromethane (75-89-4)	X		X													
31V. Vinyl Chloride (75-01-4)	X		X													
GC/MS FRACTION - ACID COMPOUNDS																
1A. 2-Chlorophenol (85-67-8)	X		X													
2A. 2,4-Dichlorophenol (120-83-2)	X		X													
3A. 2,4-Dimethylphenol (105-67-8)	X		X													
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X													
5A. 2,4-Dinitrophenol (51-28-5)	X		X													
6A. 2-Nitrophenol (88-75-5)	X		X													
7A. 4-Nitrophenol (100-02-7)	X		X													
8A. P-Chloro-M-Cresol (58-50-7)	X		X													
9A. Pentachlorophenol (87-86-5)	X		X													
10A. Phenol (108-95-2)	X		X													
11A. 2,4,6-Trichlorophenol (88-05-2)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
1B. Acenaphthene (83-32-9)	X		X													
2B. Acenaphthylene (208-98-8)	X		X													
3B. Anthracene (120-12-7)	X		X													
4B. Benzidine (92-87-5)	X		X													
5B. Benzo (a) Anthracene (56-55-3)	X		X													
6B. Benzo (a) Pyrene (50-32-8)	X		X													
7B. 3,4-Benzo- fluoranthene (205-98-2)	X		X													
8B. Benzo (ghi) Perylene (181-24-2)	X		X													
9B. Benzo (k) Fluoranthene (207-08-9)	X		X													
10B. Bis (2-Chloro- ethyl) Methane (111-91-1)	X		X													
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X													
12B. Bis (2- Chloroisopropyl) Ether (102-80-1)	X		X													
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X													
14B. 4-Bromophenyl Phenyl Ether (101-55-3)	X		X													
15B. Butyl Benzyl Phthalate (85-68-7)	X		X													
16B. 2-Chloro- naphthalene (91-58-7)	X		X													
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X													
18B. Chrysene (218-01-9)	X		X													
19B. Dibenzo (a,h) Anthracene (53-70-3)	X		X													
20B. 1,2-Dichloro- benzene (95-50-1)	X		X													
21B. 1,3-Di-chloro- benzene (541-73-1)	X		X													

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES	
				(1)	(2)	(1)	(2)	(1)	(2)				(1)	(2)		
				CONCENTRATION	MASS	CONCENTRATION	MASS	CONCENTRATION	MASS				CONCENTRATION	MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)																
22B. 1,4-Dichloro- benzene (106-48-7)	X		X													
23B. 3,3-Dichloro- benzidine (91-04-1)	X		X													
24B. Diethyl Phthalate (84-68-2)	X		X													
25B. Dimethyl Phthalate (131-11-3)	X		X													
26B. Di-N-Butyl Phthalate (84-74-2)	X		X													
27B. 2,4-Dinitro- toluene (121-14-2)	X		X													
28B. 2,6-Dinitro- toluene (808-20-2)	X		X													
29B. Di-N-Octyl Phthalate (117-84-0)	X		X													
30B. 1,2-Diphenyl- hydrazine (as Azo- benzene) (122-66-7)	X		X													
31B. Fluoranthene (208-44-0)	X		X													
32B. Fluorene (86-73-7)	X		X													
33B. Hexachloro- benzene (118-74-1)	X		X													
34B. Hexachloro- butadiene (87-68-3)	X		X													
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X													
36B Hexachloro- ethane (87-72-1)	X		X													
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X													
38B. Isophorone (78-59-1)	X		X													
39B. Naphthalene (91-20-3)	X		X													
40B. Nitrobenzene (98-95-3)	X		X													
41B. N-Nitro- sodimethylamine (62-75-9)	X		X													
42B. N-Nitrosodi- N-Propylamine (621-84-7)	X		X													

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. 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 (88-30-6)	X		X												
44B. Phenanthrene (85-01-8)	X		X												
45B. Pyrene (129-00-0)	X		X												
46B. 1,2,4-Trichlorobenzene (120-82-1)	X		X												
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (308-00-2)	X		X												
2P. α-BHC (318-84-8)	X		X												
3P. β-BHC (318-85-7)	X		X												
4P. γ-BHC (58-89-9)	X		X												
5P. δ-BHC (318-88-8)	X		X												
6P. Chlordane (57-74-9)	X		X												
7P. 4,4'-DDT (50-29-3)	X		X												
8P. 4,4'-DDE (72-55-8)	X		X												
9P. 4,4'-DDD (72-54-8)	X		X												
10P. Dieldrin (80-57-1)	X		X												
11P. α-Endosulfan (115-29-7)	X		X												
12P. β-Endosulfan (115-29-7)	X		X												
13P. Endosulfan Sulfate (1031-07-8)	X		X												
14P. Endrin (72-20-8)	X		X												
15P. Endrin Aldehyde (7421-93-4)	X		X												
16P. Heptachlor (78-44-8)	X		X												

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

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CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK "X"			3. EFFLUENT								4. UNITS		5. INTAKE (optional)			
	a TESTING REQUIRED	b BELIEVED PRESENT	c 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. CONCEN- TRATION	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														
18P. PCB-1242 (53489-21-9)	X		X														
18P. PCB-1254 (11097-69-1)	X		X														
20P. PCB-1221 (11104-28-2)	X		X														
21P. PCB-1232 (11141-18-5)	X		X														
22P. PCB-1248 (12672-29-6)	X		X														
23P. PCB-1280 (11098-82-5)	X		X														
24P. PCB-1018 (12674-11-2)	X		X														
25P. Toxaphene (8001-35-2)	X		X														

EPA Form 3510-2C (8-90)

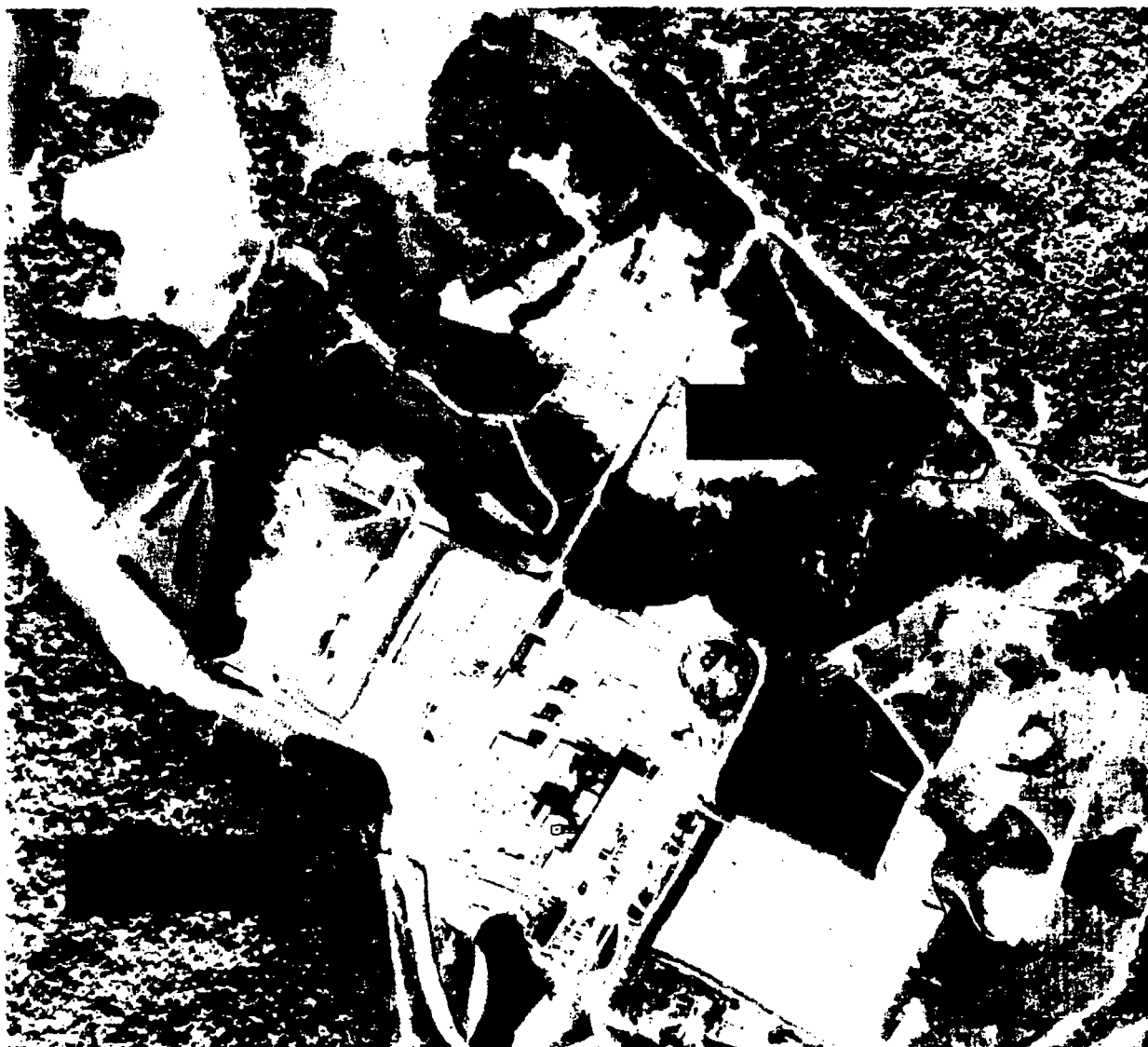
PAGE V-9

GRAND GULF NUCLEAR STATION

2007 NPDES PERMIT RENEWAL APPLICATION

EPA FORM 2C

Water Flow Schematics



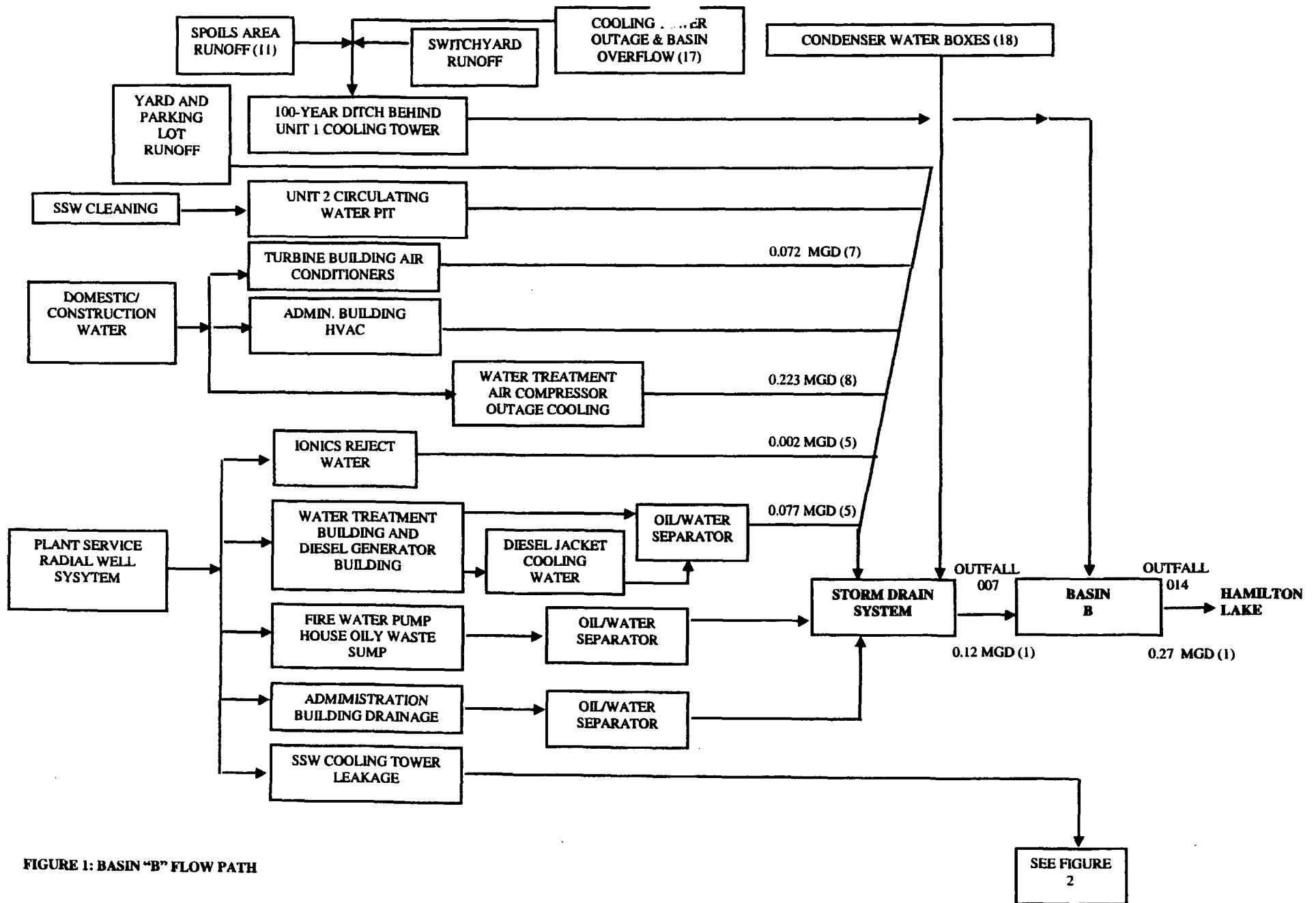


FIGURE 1: BASIN "B" FLOW PATH

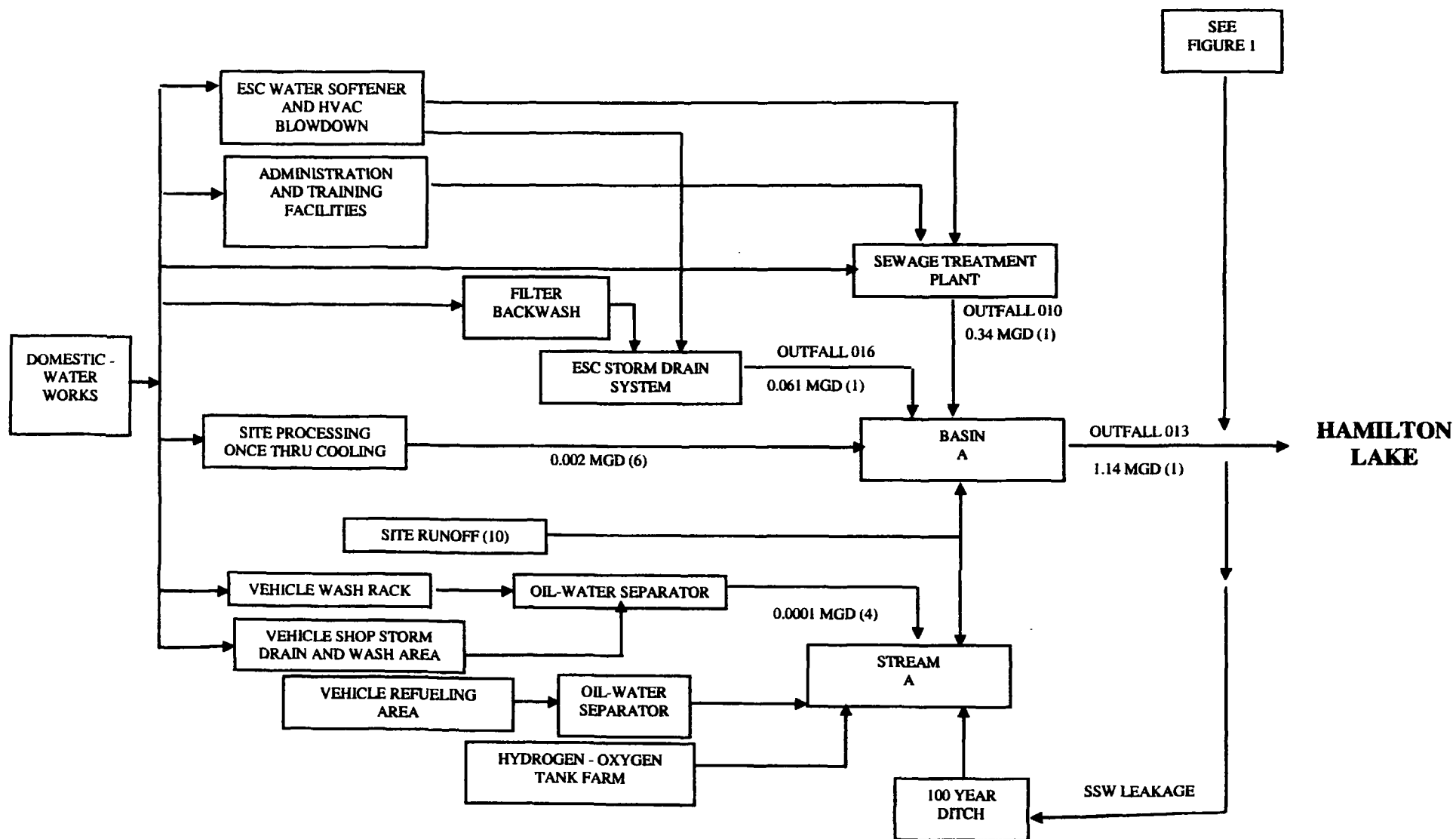


FIGURE 2: BASIN 'A' FLOW PATH

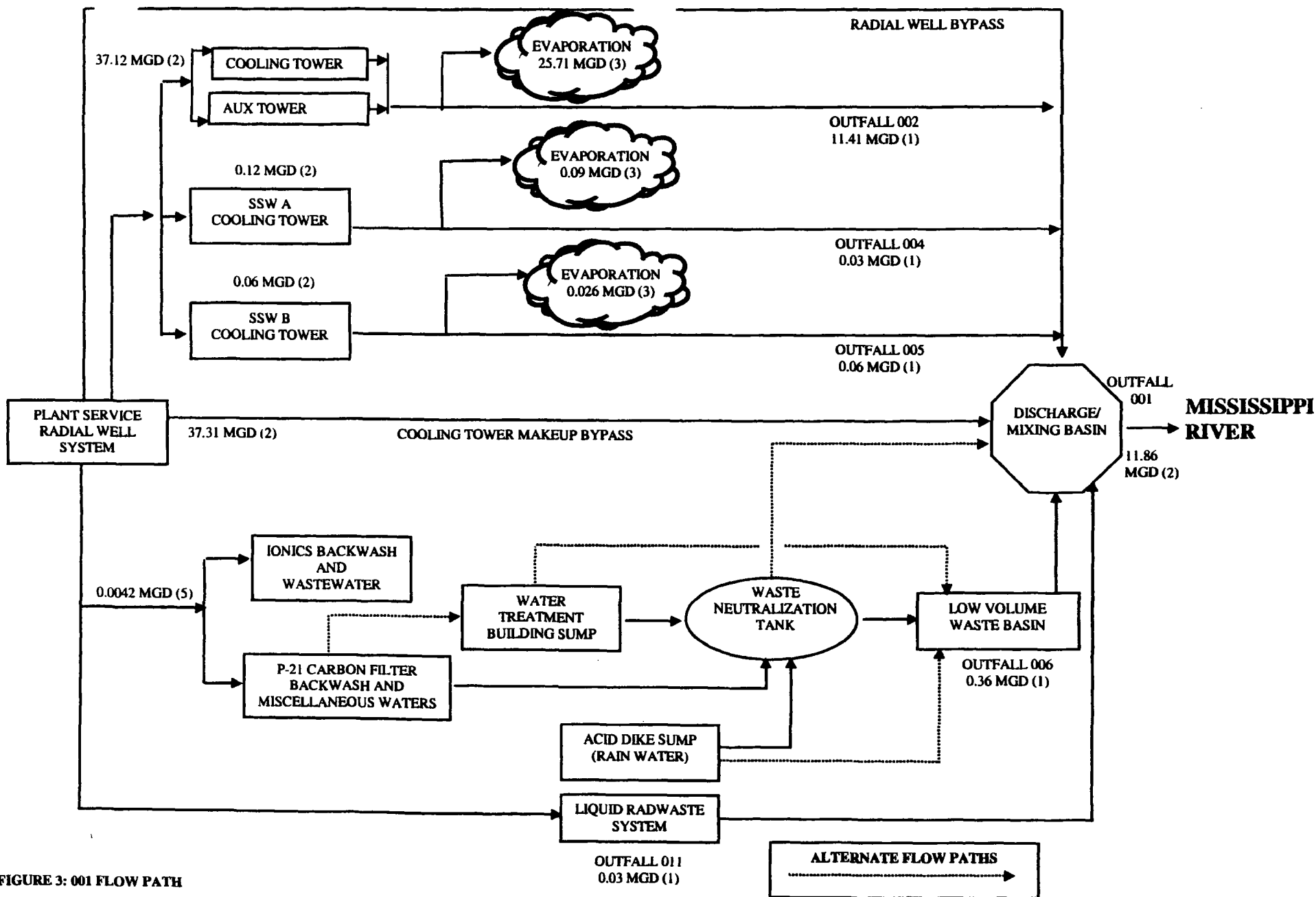


FIGURE 3: 001 FLOW PATH

TABLE 1

1. Effluent flow based Form 2C Long Term Average, except for Outfall 010 that utilizes the average flow from Form 2E..
2. Calculated from effluent flows.
3. Evaporation estimates are based on 13K to 14K gpm rates using a 30 degree Δ^t and are calculated using the following formula:

$$\text{Evaporation (gpm)} = \frac{\text{Rate} \times 0.8 \times \Delta^t}{1000}$$

$$\text{Example: } \frac{580,000 \text{ gpm} \times 0.8 \times 30}{1000} = 13,920 \text{ gpm [20.04 MGD]}$$

[The evaporation rates used are the same values provided by GGNS Water Treatment for our previous permit application packages. There have been no changes to these systems altering the previous emissions determinations. This includes utilization of the auxiliary tower.]

4. Grab sample of effluent from Vehicle Wash Rack/Oil -Water Separator:

$$\begin{aligned} \text{Flow Rate} &= 350 \text{ ml per 60 seconds (1 min)} \\ \text{Flow in MGD} &= (\text{ml/min}) (3.8041 \times 10^{-7}) \\ \text{Flow} &= \frac{350 \text{ ml}}{1 \text{ min}} \times 3.8041 \times 10^{-7} = 0.0001 \text{ MGD} \end{aligned}$$

5. Flow based on 2001 makeup to the DST:

MAKEUP FLOW TO DST [Radwaste Operations]:

$$\frac{1158020 \text{ gal}}{\text{Year}} \times \frac{1 \text{ Year}}{365 \text{ Days}} = 3172.66 \frac{\text{gal}}{\text{Day}} \times \frac{1 \text{ MG}}{1 \times 10^6 \text{ gal}} = 0.0032 \text{ MGD}$$

$$\begin{aligned} \text{Total Ionics Reject Flow [Reject is } \approx 40\% \text{ of DST Makeup]:} \\ 0.0042 \text{ MGD} \times 0.4 = 0.0017 \text{ MGD} \end{aligned}$$

Total Flow to Ionics Trailer:

$$0.0032 \text{ [DST M/U Flow]} + 0.001 \text{ [Ionics Reject Flow]} = 0.0042 \text{ MGD}$$

[DST makeup value [gal/year] provided by Radwaste Operations]

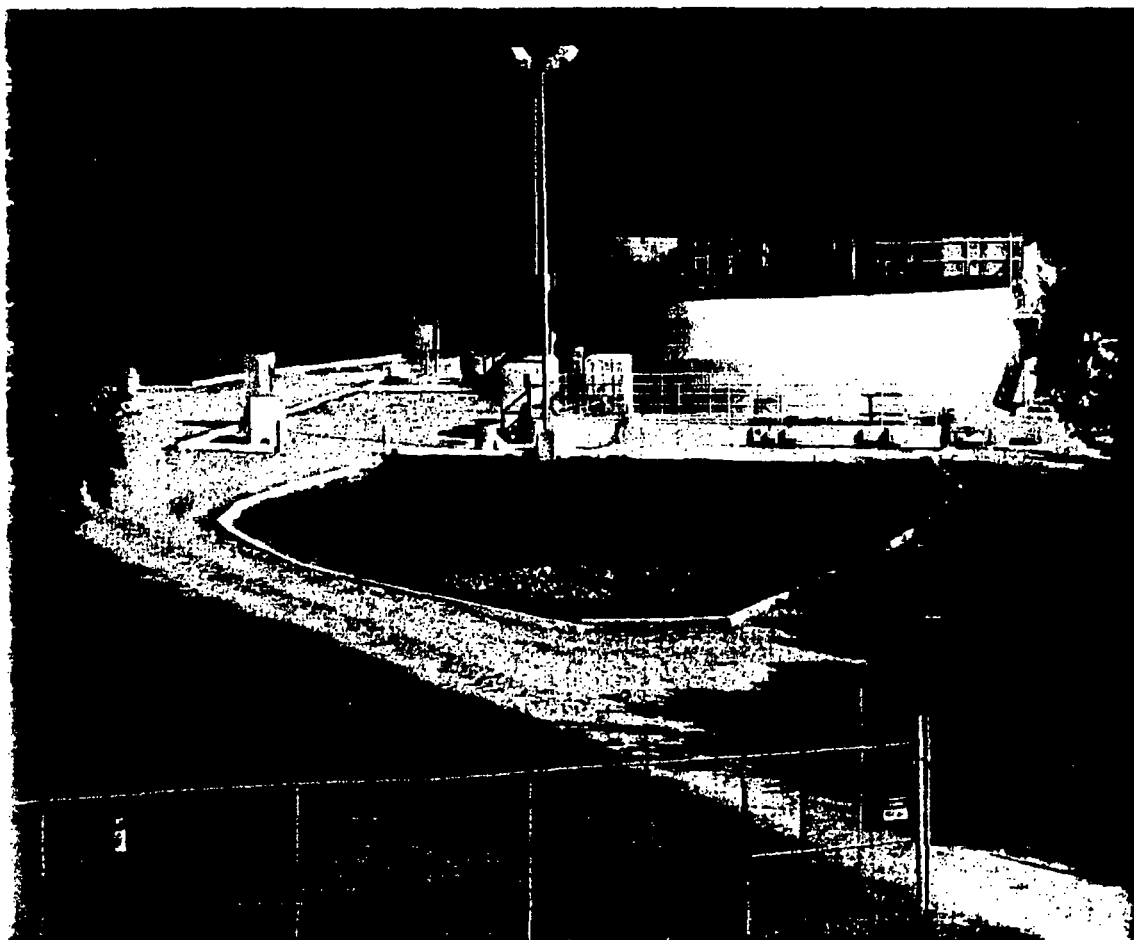
6. Grab sample of effluent from Site Processing HVAC:

$$\begin{aligned} \text{Flow Rate} &= 400 \text{ ml per 5 seconds (0.08 min)} \\ \text{Flow in MGD} &= (\text{ml/min}) (3.8041 \times 10^{-7}) \\ \text{Flow} &= 4800 \text{ ml} \times 3.8041 \times 10^{-7} = 0.0018 \text{ MGD} \end{aligned}$$

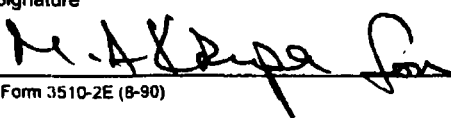
7. 50 gpm continuous flow of domestic water used as once through cooling for the Turbine Building Repeater Shack. This flows into the storm drains and discharges through Outfall Serial Number 007.

8. Discharge rate is based upon a maximum once through cooling flow rate of approximately 155 gpm. Measured typical flow rates vary from 130 to 155 gpm.

GRAND GULF NUCLEAR STATION
2007 NPDES PERMIT RENEWAL APPLICATION
EPA FORM 2E
Outfall Serial Number 010



Please print or type in the unshaded areas only.		EPA ID Number (copy from Item 1 of Form 1) MS0029521		Form Approved. OMB No. 2040-0086. Approval expires 5-31-92.			
FORM 2E NPDES	EPA Facilities Which Do Not Discharge Process Wastewater						
I. RECEIVING WATERS							
For this outfall, list the latitude and longitude, and name of the receiving water(s).							
Outfall Number (list)	Latitude			Longitude			Receiving Water (name)
	Deg	Min	Sec	Deg	Min	Sec	Hamilton Lake
010	32.00	1.00	0.00	91.00	3.00	0.00	
II. DISCHARGE DATE (If a new discharger, the date you expect to begin discharging)							
III. TYPE OF WASTE							
A. Check the box(es) indicating the general type(s) of wastes discharged.							
<input checked="" type="checkbox"/> Sanitary Wastes <input type="checkbox"/> Restaurant or Cafeteria Wastes <input type="checkbox"/> Noncontact Cooling Water <input type="checkbox"/> Other Nonprocess Wastewater (Identify)							
B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.							
N/A							
IV. EFFLUENT CHARACTERISTICS							
A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions). B. New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).							
Pollutant or Parameter	(1) Maximum Daily Value (Include units)		(2) Average Daily Value (last year) (Include units)		(3)	(or)	(4)
	Mass	Concentration	Mass	Concentration	Number of Measurements Taken (last year)	Source of Estimate (if new discharger)	
Biochemical Oxygen Demand (BOD)	5.86 lb/day	11.70 mg/l	0.41 lb/day	4.1 mg/l	26.00	N/A	
Total Suspended Solids (TSS)	11.52 lb/day	23.00 mg/l	0.69 lb/day	6.88 mg/l	26.00	N/A	
Fecal Coliform (if believed present or if sanitary waste is discharged)	4.5e9 col/day	20 col/100ml	0.08 col/day	0.8 col/100ml	26.00	N/A	
Total Residual Chlorine (if chlorine is used)	0.08 lb/day	0.16 mg/l	0.00 lb/day	0.00 mg/l	30.00	N/A	
Oil and Grease	0.00 lb/day	0.00 mg/l	0.00 lb/day	0.00 mg/l	1.00	N/A	
*Chemical oxygen demand (COD)	0.00 lb/day	0.00 mg/l	0.00 lb/day	0.00 mg/l	1.00	N/A	
*Total organic carbon (TOC)	1.65 lb/day	3.30 mg/l	0.33 lb/day	3.30 mg/l	1.00	N/A	
Ammonia (as N)	0.00 lb/day	0.00 mg/l	0.00 lb/day	0.00 mg/l	1.00	N/A	
Discharge Flow	Value 0.06 MGD		0.012 MGD		395.00	N/A	
pH (give range)	Value 8.32 s.u.		7.57 s.u.		26.00	N/A	
Temperature (Winter)	22.20 °C		16.80 °C		9.00	N/A	
Temperature (Summer)	28.90 °C		26.20 °C		12.00	N/A	
*If noncontact cooling water is discharged							

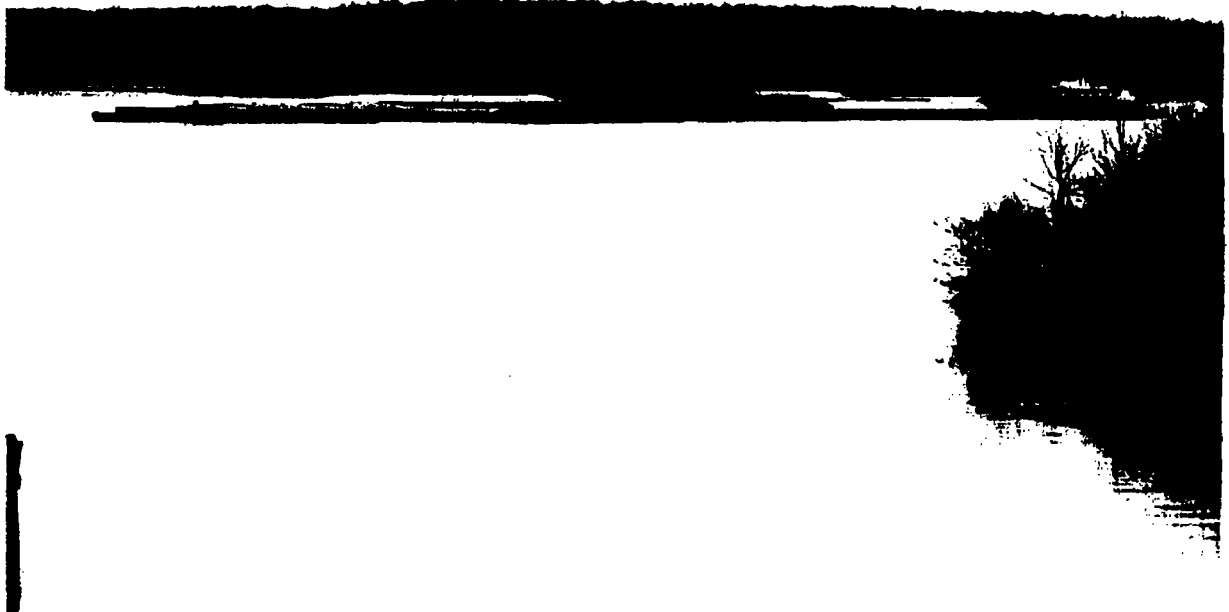
V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal? If yes, briefly describe the frequency of flow and duration.		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
N/A		
VI. TREATMENT SYSTEM <i>(Describe briefly any treatment system(s) used or to be used)</i>		
Activated Sludge Chlorination Dechlorination		
VII. OTHER INFORMATION <i>(Optional)</i>		
Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations. Attach additional sheets, if necessary.		
N/A		
VIII. CERTIFICATION		
<i>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</i>		
A. Name & Official Title William R. Brian, Vice President, Operations	B. Phone No. (area code & no.) (601) 437-6409	
C. Signature 	D. Date Signed 12-28-07	

GRAND GULF NUCLEAR STATION

2007 NIPDES PERMIT RENEWAL APPLICATION

ATTACHMENT B

Thermal Monitoring Reports for Winter and Summer,
2007



THERMAL MONITORING PROGRAM

Part III, D, Item 3, Page 32 of 33, of the GGNS NPDES Permit requires measurements of Mississippi River receiving water temperatures, during periods of power generation when specified conditions occur. In addition, the permit standard conditions require monitoring during the winter of 2006/2007 and during the summer of 2007 with the results included with the application for permit re-issuance.

Because implementing conditions did not otherwise occur, the measurements were performed once during the winter of 2006/2007 and once during the summer of 2007, as prescribed by the GGNS NPDES Permit. The Thermal Monitoring Data Sheets documenting these exercises are attached. Please note in both instances there was no significant thermal influence on receiving waters. For your convenience a summary of the results is shown in the table below.

	UPSTREAM SURFACE [C°]	UPSTREAM SUBMERGED[C°] [5 feet]	DOWNSTREAM SURFACE[C°]	DOWNSTREAM SUBMERGED[C°] [5 feet]
Winter [November – April]	13.0	13.0	13.0	13.0
Summer [May – October]	26.8	26.7	26.8	26.8

GRAND GULF NUCLEAR STATION

ENVIRONMENTAL INSTRUCTION

08-S-09-4	Revision: 11
Attachment III	Page 6 of 6

THERMAL MONITORING REQUIREMENTS
THERMAL MONITORING DATA SHEET

I.	Date Performed		11/8/06
II.	Upriver Temperature (Point 1)	Surface	13.0 °C
		5 ft	13.0 °C
III.	Discharge Outlet Temperature (Note 1)	Surface	20.6 °C
		5 ft	17.4 °C
IV.	Barge Slip Outlet Temperature (Note 2)	Surface	13.4 °C
		5 ft	14.2 °C
V.	Downriver Temperature (Point 7) (Receiving Water)	Surface	13.0 °C
		5 ft	13.0 °C
VI.	Ambient Air Temperature		22.6 °C
VII.	River Level at Vicksburg		22.67 ft
VIII.	Outfall 001 Recorder Temperature		27.2 °C

NOTE # A681 CALIBRATION DATE 4/20/07

NOTE:

- A. Any temperature measurement in RECEIVING WATER which is equal to or greater than UPRIVER TEMPERATURE +2.8°C must be reported to the Chemistry Superintendent.
- B. Any temperature measurement in RECEIVING WATER which exceeds 32.2°C must be reported to the Chemistry Superintendent.

Prepared by Rusty Shaw 11/8/06
Signature/Date

Reviewed by Morgan 11/5/06
Signature/Date

(Note 1) If the 5 ft. sample is impractical, note location of measurement and N/A the 5 ft blank. (See Page 1, III. b)

(Note 2) If subsurface measurement depth is less than 5 ft. note the approximate depth on the data sheet (See Page 1, III. c)

GRAND GULF NUCLEAR STATION

ENVIRONMENTAL INSTRUCTION

08-S-09-4	Revision: 11
Attachment III	Page 6 of 6

THERMAL MONITORING REQUIREMENTS
THERMAL MONITORING DATA SHEET

I.	Date Performed		6/13/07 @ 14:30
II.	Upriver Temperature (Point 1)	Surface	26.8 °C
		5 ft	26.7 °C
III.	Discharge Outlet Temperature (Note 1)	Surface	28.5 °C
		5 ft	28.2 °C
IV.	Barge Slip Outlet Temperature (Note 2)	Surface	26.8 °C
		5 ft	26.8 °C
V.	Downriver Temperature (Point 7) (Receiving Water)	Surface	26.8 °C
		5 ft	26.8 °C
VI.	Ambient Air Temperature		21.3 °C
VII.	River Level at Vicksburg		19.76 ft
VIII.	Outfall 001 Recorder Temperature		30.1 °C

NOTE #: A681
Calibration due date: 12/6/07

NOTE:

- A. Any temperature measurement in RECEIVING WATER which is equal to or greater than UPRIVER TEMPERATURE +2.8°C must be reported to the Chemistry Superintendent.
- B. Any temperature measurement in RECEIVING WATER which exceeds 31.2°C must be reported to the Chemistry Superintendent.

Prepared by Justin Shaw 6/13/07
Signature/Date

Reviewed by Mutstark 6/17/07
Signature/Date

(Note 1) If the 5 ft. sample is impractical, note location of measurement and N/A the 5 ft blank. (See Page 1, III. b)

(Note 2) If subsurface measurement depth is less than 5 ft. note the approximate depth on the data sheet (See Page 1, III. c)