



February 15, 2019

Ms. Patty G. Barnes
NPDES Administration Section
Bureau of Water
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

RC-19-0012
VCS-LIC/SR R0

SOUTH CAROLINA ELECTRIC & GAS COMPANY
VIRGIL C. SUMMER NUCLEAR STATION
NPDES PERMIT NO. SC0030856
RENEWAL APPLICATION

This letter provides the renewal application for NPDES Permit No. SC0030856 for the Virgil C. Summer Nuclear Station. Included in this package are the following items:

- Completed Application Form 1 – General Information ✓
- Completed Form 2C – Wastewater Discharge Information ✓
Please note: Internal Outfall 008 was sampled, however there has not been any discharge from this outfall during the current permit period.
- Completed Form 2C Item IIA ✓
- Completed Form 2E – Facilities Which Do Not Discharge Process Wastewater ✓
- Location Supplement and Description of Outfalls ✓
- Sludge Disposal Supplement for NPDES and ND Permit Applications ✓
- PQL List
- Mixing Zone Toxicity Supplement ✓
- Thermal Mixing Zone Evaluation Report and 2018 Water Quality Monitoring Report
- 316(b) 40CFR122.21(r) Reports ✓

Should there be any questions, please contact Ms. Susan B. Reese at (803) 345-4591.

Sincerely,

George A. Lippard
Vice President, Nuclear Operations
V. C. Summer Nuclear Station

Attachments

Enclosure (1 Disk – VCSNS NPDES Permit No. SC0030956 Renewal Application)

cc: G. J. Lindamood (w/o attachments)
NRC Resident Inspector (w/o attachments)
Document Control Desk

Received
without
Disk.

AD 94
NRR

bc: (Without attachments unless noted)
Craig Sly – IN2SE
Vicky Hull – IN2SE
Michael Whitlock – IN2SE
Mandy Tornabene – IN2NW
Kenneth Roller – INNS
Ernie Castillo – IN2SW
Jason Williams – INNS
April Q. Ellison – VCS
J. H. Hamilton – VCS
RTS: (LTD 286, CR-18-04491)
File: (814.07)
PRSF: (RC-19-0012) (with attachments)

Concurrences:

See Correspondence Routing and Approval CHOP Sheet

SC DHEC
Attachment I
LTD 286, CR-18-04491
RC-19-0012
Page 1 of 3

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	
				S	F
				110043582272	
				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					
V. FACILITY MAILING ADDRESS					
VI. FACILITY LOCATION					
PLEASE PLACE LABEL IN THIS SPACE					
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			SPECIFIC QUESTIONS		
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)			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)		
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)			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)		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)			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)		
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)			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)		
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)			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)		
III. NAME OF FACILITY					
1 SKIP VIRGIL C. SUMMER NUCLEAR STATION					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title)					
2 LIPPARD GEORGE VP NUCLEAR OPS					
B. PHONE (area code & no.)					
(803) 345-4810					
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX					
3 P.O. BOX 88					
B. CITY OR TOWN					
4 JENKINSVILLE					
C. STATE					
SC					
D. ZIP CODE					
29065					
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 HIGHWAY 215					
B. COUNTY NAME					
FAIRFIELD					
C. CITY OR TOWN					
6 JENKINSVILLE					
D. STATE					
SC					
E. ZIP CODE					
29065					
F. COUNTY CODE (if known)					
039					

CONTINUED FROM THE FRONT

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

A. FIRST										B. SECOND											
C	7	4	9	1	1	(specify) Electric Utility					C	7					(specify)				
15	16	17	18	19		15	16	17	18	19		15	16	17	18	19					
C. THIRD										D. FOURTH											
C	7					(specify)					C	7					(specify)				
15	16	17	18	19		15	16	17	18	19		15	16	17	18	19					

VIII. OPERATOR INFORMATION

A. NAME															B. Is the name listed in Item VIII-A also the owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																			
C	8	S	O	U	T	H	C	A	R	O	L	I	N	A	E	L	E	C	T	R	I	C	&	G	A	S	55	56						
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									
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) 55										A 803-345-4810 15 16 17 18 19 20 21 22 23 24 25 26									

E. STREET OR P.O. BOX																										
P. O. BOX 88																										
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	55	56	57	58	59	60	61	62	63	64	65	66

F. CITY OR TOWN															G. STATE					H. ZIP CODE					IX. INDIAN LAND					
C	B	J	E	N	K	I	N	S	V	I	L	L	E		SC					29065					Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)															D. PSD (Air Emissions from Proposed Sources)																								
C	9	N													C	9	P																						
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				
B. UIC (Underground Injection of Fluids)															E. OTHER (specify)																								
C	9	U													C	9													(specify)										
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				
C. RCRA (Hazardous Wastes)															E. OTHER (specify)																								
C	9	R													C	9													(specify)										
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				

XI. MAP

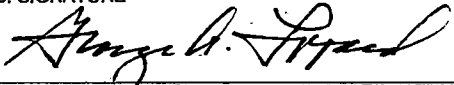
Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal 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)

GENERATION OF ELECTRICITY, NUCLEAR 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									
George A. Lippard																														2/15/19									
Vice President, Nuclear Operations																																							

COMMENTS FOR OFFICIAL USE ONLY

C															C													
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	

FORM 2C

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

110043582272

Form Approved.
OMB No. 2040-0086.
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.	
001	34.00	17.00	44.00	81.00	18.00	31.00	Monticello Reservoir
003	34.00	18.00	20.00	81.00	19.00	45.00	Broad River via Penstocks of Fairfield
							Hydro

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
001	Once-through cooling water		Discharge to surface water	4-A
	Main condensers	691,200,000 gpd		
	Other cooling services	77,760,000 gpd		
	Outfall 004 (2)	144,000 gpd	Steam generator blowdown	4-A
	Outfall 007	80,000 gpd	Low Volume Waste	4-A
	Total Outfall 001	769,184,080		
003	Reactor water processing		Reactor Grade Water	
	Reactor Grade Water (1)		Waste holding tanks	X-X
	Non-reactor grad floor drains		Evaporation	1-F
	and laundry and hot shower drains		Ion exchange	2-J
	Non-chemical metal cleaning waste	20,000 gpd	Reuse/recycle (alternate)	4-C
			Waste monitor Tank	X-X
			Discharge to surface water	4-A
			Non-reactor grade drains	
			Waste holding tanks	X-X
			Ion exchange	2-J
			Waste monitor tank	X-X
			Discharge to surface water	4-A
	Outfall 004 - alternate (3)	144,000 gpd	Steam generator blowdown	4-A
	Total Outfall 003	164,000 gpd		

OFFICIAL USE ONLY (effluent guidelines sub-categories)

110043582272

Form Approved.
OMB No. 2040-0086.
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 <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			D. RECEIVING WATER <i>(name)</i>
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
004	34.00	17.00	54.00	81.00	18.00	56.00	Monticello Reservoir
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	
004	Steam generator blowdown		Steam generator blowdown (2)				
	Steam generator blowdown		Waste monitoring			X-X	
	Blowdown system sump		Discharges to surface water (alternate)			4-A	
	Total Outfall 004	144,000 gpd	Sedimentation			1-U	
			Reuse/recycle			4-C	
			Blowdown system sump (3)				
			Waste holding tank			X-X	
			Ion exchange			2-J	
			Reuse/recycle			4-C	
			Waste monitor tank (alternate)			X-X	
			Discharge to surface water via Outfall 001 - alternate (2)			4-A	

EPA I.D. NUMBER (copy from Item 1 of Form 1)
110043582272

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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			D. RECEIVING WATER <i>(name)</i>
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
006A	34.00	17.00	40.00	81.00	18.00	39.00	Monticello Reservoir
006B	34.00	17.00	40.00	81.00	18.00	37.00	Monticello Reservoir
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			
006A	Low volume waste (alum sludge basin)	80,000 gpd	Sedimentation	1-U			
	Condensate polisher backwash		Discharge to surface water via Outfall 014	4-A			
	Clarifier blowdown						
	Carbon filter backwash						
	Gravity filter backwash			4-C			
	Steam generator blowdown (alt.)						
	Condensate storage tank (alt.)						
	Outfall 004 - alternate (2)	144,000 gpd	Discharges to surface water	4-A			
	Total Outfall 006A	224,000 gpd					
006B	Low volume waste (plant surge basin)		Flow equalization (collecting sump)	X-X			
	Turbine room sump		Sedimentation	1-U			
	Main condenser cleaning sump						
	Boiler house drains		Oil skimming	X-X			
	Diesel generator building sump		Discharges to surface water via Outfall 014	4-A			
	Circ. water pump house sump						
	Condensate storage tank (alt.)						
	Fuel oil handling drains						
	Transformer area drains						
	Total Outfall 006B	50,000 gpd					
OFFICIAL USE ONLY (effluent guidelines sub-categories)							

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

110043582272

Form Approved.
OMB No. 2040-0086.
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	34.00	17.00	52.00	81.00	18.00	52.00	Monticello Reservoir
008	34.00	17.00	40.00	81.00	18.00	40.00	Monticello Reservoir

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	Low volume waste		Flow equalization	X-X	
	(Neutralization waste tank)		Neutralization	2-K	
	Ion exchange regenerations		Discharges to surface water via Outfall 001	4-A	
	Chemical feed equipment drain sump				
	Caustic tank area sump				
	IB bldg. sump "D" battery room				
	Total Outfall 007	80,000 gpd			
008	Chemical cleaning waste/low volume		Neutralization basin (metal cleaning only)	2-K	
	waste (Plant startup waste holding		Sedimentation	1-U	
	basin (4)		Discharge to surface water via Outfall 014	4-A	
	Metal cleaning waste				
	Low volume waste from oil		Flow equalization (collecting sump)	X-X	
	collection sump (006B)		Sedimentation	1-U	
	Low volume waste from clarifier				
	blowdown sump (006A)				
	Non-chemical metal cleaning waste				

OFFICIAL USE ONLY (effluent guidelines sub-categories)

110043582272

Please print or type in the unshaded areas only.

CONTINUE ON REVERSE

NPDES FORM 2C

Notes – Item IIA and IIB

- (1) Reactor grade water (244) gpd is normally treated and discharged to the penstocks of Fairfield Hydro together with treated non-reactor grade drains. The alternate pathway is to treat and recycle when possible.
- (2) Steam generator blowdown is normally returned to the condensate system for recovery. Steam generator blowdown can be monitored and discharged to Monticello Reservoir via Outfall 001. The alternate discharge pathway is to Monticello Reservoir via the clarifier blowdown sump and Outfall 006A. If monitoring indicates blowdown is not acceptable for discharge, flow is diverted to the blowdown holdup tank.
- (3) Flow from the blowdown system sump and blowdown holdup tank is normally treated and recycled. The alternate pathway is treatment and discharge to the penstocks of Fairfield Hydro via Outfall 003.
- (4) The plant startup waste holding basin discharges wastes from the cleaning of plant piping and equipment. When not used for this purpose, it is available for use as an alternate to the alum sludge basin for treatment of low volume wastes from the clarifier blowdown sump. The plant startup waste holding basin is identical in capacity and design to the alum sludge basin (Outfall 006A). Low volume wastes from the collecting sump can also be directed to the plant startup waste holding basin by means of the piping connections provided for metal cleaning wastes.

CONTINUED FROM THE FRONT

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				
		a. DAYS PER WEEK (specify average)	b. MONTHS PER YEAR (specify average)	a. FLOW RATE (in mgd)		b. TOTAL VOLUME (specify with units)		c. DURATION (in days)
				1. LONG TERM AVERAGE	2. MAXIMUM DAILY	1. LONG TERM AVERAGE	2. MAXIMUM DAILY	
008	See discussion Outfall 008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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)						
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			
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								

EPA I.D. NUMBER (copy from Item 1 of Form 1)
110043582272

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
 NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

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

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☐ YES (list all such pollutants below)

☒ NO (go to Item VI-B)

Empty space for listing pollutants

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)

Chronic Toxicity for Outfall 014
Requirement of NPDES Permit No. SC0030856

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)
General Engineering Laboratories	P. O. Box 30712 Charleston, SC	(843) 556-8171	See attached
Rogers and Callcott	P. O. Box 5655 Greenville, SC 29606	(864) 232-1556	E. Coli, Total Suspended Solids, Oil and Grease, Bromide, Biological Oxygen Demand, Phosphorus

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)	B. PHONE NO. (area code & no.)
George A. Lippard, Vice President, Nuclear Operations	(803) 345-4810
C. SIGNATURE	D. DATE SIGNED

Analyses Performed by General Engineering Laboratories for V. C. Summer Station NPDES Permit Extension

Rad Gas Flow

GFPC, Gross A/B, liquid
Alpha
Beta
GFPC, Total Radium, liquid
Total Radium
RadRadium-226
Lucas Cell- Ra226, liquid
Radium-226

Ion Chromatography

EPA300.0 Bromide liquid
Bromide
Fluoride
Sulfate
Mercury Analysis
EPA 245.1 Mercury
Mercury
Metals Analysis-ICPMS
200.8/2002 NPDES Metals
Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Selenium
Silver
Thallium
Tin
Titanium
Zinc
Chromium

Micro-biology

EPA 405.1 BOD, 5DAY
BOD, 5 DAY
Rapid Flow Analysis; (Alpkem)

EPA 1631E Low Level Mercury Analysis
Mercury

EPA1664A Oil & Grease

SM2540D Total Suspended Solids (TSS) SM2540D

SM5310 B Total Organic Carbon

Field pH
Field Total
Residual Chlorine

Rapid Flow Analysis (Alpkem)

EPA 335.3 Cyanide, Total
Cyanide, Total
EPA 420.2 Phenols, Total liquid
Total Phenol
Semi-Volatiles-GC/MS
3510/8270CTTO in Liquid
1,2-Diphenylhydrazine
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chloronaphthalene
2-Chlorophenol
2-Methyl-4,6-dinitrophenol
2-Nitrophenol
3,3'-Dichlorobenzidine
4-Bromophenylphenylether
4-Chloro-3-methylphenol
4-Chlorophenylphenylether
4-Nitrophenol
Acenaphthene
Acenaphthylene
Anthracene
Benzidine
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(ghi)perylene
Benzo(k)fluoranthene
Butylbenzylphthalate
Chrysene
Di-n-butylphthalate
Di-n-octylphthalate
Dibenzo(a,h)anthracene
Diethylphthalate
Dimethylphthalate
Diphenylamine
Fluoranthene

Semi-Volatiles-GC/MS

3510/8270CTTO in Liquid
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
N-Nitrosodimethylamine
N-Nitrosodipropylamine
Naphthalene
Nitrobenzene
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
bis(2-Chloroethoxy)methane
bis(2-Chloroethyl)ether
bis(2-Chloroisopropyl)ether
bis(2-Ethylhexy)phthalate

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OUTFALL NO.

001

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.

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

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	EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.00	< 13806					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	< 20.00	< 123289					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	3.2	19727					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	< 10.00	< 61645					1	mg/l	lbs/day			
e. Ammonia (as N)	< 0.100	< 616					1	mg/l	lbs/day			
f. Flow	VALUE 738.7		VALUE		VALUE 647.65		12	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 30.14		VALUE		VALUE 28.32		4	(Nov - Feb) °C		VALUE		
h. Temperature (summer)	VALUE 44.14		VALUE		VALUE 39.79		8	(Mar-Oct) °C		VALUE		
i. pH	MINIMUM 6.18	MAXIMUM 7.27	MINIMUM	MAXIMUM			12	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			
	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 ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)	X		< 0.5	< 3082			< 0.5	< 2702	12	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color	X		30.0	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.088	542					1	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)	X		0.333	2053					1	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT							4. UNITS		5. INTAKE		
	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 ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		0.141	869					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 30,822					1	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)	X		0.0299	184					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total		X	< 5.00	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A					1	pci/l	N/A			
k. Sulfate (as SO ₄) (14808-79-8)	X		4.47	27556					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 616					1	mg/l	lbs/day			
m. Sulfite (as SO ₃) (14265-45-3)		X	< 2.00	< 12329					1	mg/l	lbs/day			
n. Surfactants		X	< 0.05	< 308					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	X		412	2,540					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	< 308					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)		X	< 50.00	< 308					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 20.00	< 123					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)	X		0.567	3495					1	mg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		1900	11713					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.00	< 123					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)	X		0.037	228					1	mg/L	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.0	< 62					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.0	< 308					1	µg/l	lbs/day			

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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 AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL-YSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN-TRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X	< 5.00	< 30.8					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	<5.00	< 30.8					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.0	< 6.0					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X		X	<0.100	< 0.62					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	< 30.8					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X		X	< 10.0	< 61.6					1	µg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	< 2.00	< 12.3					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	X	X		0.00171	0.010541					1	µg/l	lbs/day			
9M. Nickel, Total (7440-02-0)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	< 30.8					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 30.8					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	< 3.1					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X		X	< 10.0	< 61.6					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.0	< 61.6					1	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.0	< 30.8					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 30.8					1	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 30.8					1	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 30.8					1	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	< 12.3					1	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 2.00	< 12.3					1	µg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 1.00	< 6.2					1	µg/l	lbs/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
24V. Tetrachloroethylene (127-18-4)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
27V. 1,1,1-Tri-chloroethane (71-55-6)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
28V. 1,1,2-Tri-chloroethane (79-00-5)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
30V. Trichloro-fluoromethane (75-69-4)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
2A. 2,4-Dichlorophenol (120-83-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
3A. 2,4-Dimethylphenol (105-67-9)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
5A. 2,4-Dinitrophenol (51-28-5)	X		X	< 50.00	< 308.2					1	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
9A. Pentachlorophenol (87-86-5)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
11A. 2,4,6-Tri-chlorophenol (88-06-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100.00	< 616.5					1	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day			

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CONTINUED FROM PAGE V-6

CONTINUED FROM PAGE V-6																
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day				
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
28B. 2,6-Dinitro- toluene (606-20-2)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
32B. Fluorene (86-73-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
38B. Isophorone. (78-59-1)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
42B. N-Nitrosodi-N- Propylamine (621-64-7)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
45B. Pyrene (129-00-0)	X		X	< 10.00	< 61.6					1	µg/l	lbs/day				
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	< 6.2					1	µg/l	lbs/day				
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction								
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction								
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction								
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction								
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction								
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction								
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction								
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction								
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction								
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction								
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction								
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction								
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction								
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction								
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction								
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction								

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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OUTFALL NO.

003

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.

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

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	EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.00	< 0.078			< 2.00	< 0.070	2	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	36.6	1.44			30.2	1.06	2	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	< 1.00	< 0.039			< 1.00	< 0.035	2	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	8.2	0.32			1.79	0.063	25	mg/l	lbs/day			
e. Ammonia (as N)	0.101	0.002					2	mg/l	lbs/day			
f. Flow	VALUE 0.004700		VALUE		VALUE 0.004196		242	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 26.7		VALUE		VALUE 26.2		2	(Nov-Feb) °C		VALUE		
h. Temperature (summer)	VALUE 31.2		VALUE		VALUE 30.8		2	(Mar-Oct) °C		VALUE		
i. pH	MINIMUM 6.08	MAXIMUM 8.49	MINIMUM	MAXIMUM			244	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		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X	< 2.00	< 0.078			< 2.00	< 0.070	2	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color		X	< 5.00	N/A			< 5.00	N/A	2	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (18984-48-8)		X	< 0.100	< 0.004			< 0.100	< 0.004	2	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)		X	< 0.020	< 0.0008			< 0.020	< 0.0007	2	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT							4. UNITS		5. INTAKE		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 0.100	< 0.004			< 0.100	< 0.004	2	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 0.196			< 5.00	< 0.175	24	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)		X	< 0.050	< 0.002			< 0.050	< 0.002	2	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A			< 5.00	N/A	2	pci/l	N/A			
(2) Beta, Total	X		200	N/A			161	N/A	2	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A			< 10.00	N/A	2	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A			< 10.00	N/A	2	pci/l	N/A			
k. Sulfate (as SO ₄) (14808-79-8)		X	< 5.00	< 0.196			< 5.00	< 0.175	2	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 0.004			< 0.100	< 0.004	2	mg/l	lbs/day			
m. Sulfite (as SO ₃) (14265-45-3)		X	< 2.00	< 0.078			< 2.00	< 0.070	2	mg/l	lbs/day			
n. Surfactants		X	< 0.050	< 0.002			< 0.050	< 0.002	2	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)		X	< 50.00	< 0.002			< 50.00	< 0.002	2	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	< 0.002			< 50.00	< 0.002	2	µg/l	lbs/day			
q. Boron, Total (7440-42-8)	X		265	10.39			260.5	9.12	2	mg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 20.00	< 0.0008			< 20.00	< 0.0007	2	µg/l	lbs/day			
s. Iron, Total (7439-89-6)		X	< 20.00	< 0.0008			< 20.00	< 0.0007	2	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)		X	< 50.00	< 0.002			< 50.00	< 0.002	2	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.00	< 0.0008			< 20.00	< 0.0007	2	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.00	< 0.002			< 50.00	< 0.002	2	µg/l	lbs/day			

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X		X	< 0.100	<3.9E-06			< 0.100	<3.5E-06	2	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	mg/L	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	< 2.00	<7.8E-05			< 2.00	<7.0E-05	2	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	N/A			Not	required	on	this	outfall							
9M. Nickel, Total (7440-02-0)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	<2.0E-05			< 0.500	<1.8E-05	2	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	<7.8E-05			< 2.00	<7.0E-05	2	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 2.00	<7.8E-05			< 2.00	<7.0E-05	2	µg/l	lbs/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
24V. Tetrachloroethylene (127-18-4)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
27V. 1,1,1-Trichloroethane (71-55-6)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
30V. Trichlorofluoromethane (75-69-4)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
2A. 2,4-Dichlorophenol (120-83-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
3A. 2,4-Dimethylphenol (105-67-9)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
5A. 2,4-Dinitrophenol (51-28-5)	X		X	< 50.00	< 0.002			< 50.00	< 0.002	2	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
9A. Pentachlorophenol (87-86-5)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 5.00	< 0.0002			< 5.00	< 0.0002	2	µg/l	lbs/day			
11A. 2,4,6-Trichlorophenol (88-06-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100.00	< 0.004			< 100.00	< 0.004	2	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			

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CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. MAXIMUM DAILY VALUE (if available)						d.NO. OF ANAL- YSES	4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE		c. LONG TERM AVRG. VALUE			a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day			
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
28B. 2,6-Dinitro- toluene (606-20-2)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			
42B. N-Nitrosodi-N- Propylamine (621-64-7)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day			

CONTINUED FROM THE FRONT																
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)				
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day				
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day				
45B. Pyrene (129-00-0)	X		X	< 10.00	< 0.0004			< 10.00	< 0.0004	2	µg/l	lbs/day				
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	<3.9E-05			< 1.00	<3.5E-05	2	µg/l	lbs/day				
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction								
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction								
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction								
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction								
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction								
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction								
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction								
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction								
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction								
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction								
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction								
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction								
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction								
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction								
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction								
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction								

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NUMBER
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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2G	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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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) 110043582272						
V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)										OUTFALL NO. 004			
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	EFFLUENT						3. UNITS (specify if blank)	4. INTAKE (optional)					
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)			d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.00	< 218.15					1	mg/l	lbs/day				
b. Chemical Oxygen Demand (COD)	< 20.00	< 2181.5					1	mg/l	lbs/day				
c. Total Organic Carbon (TOC)	1.29	140.71					1	mg/l	lbs/day				
d. Total Suspended Solids (TSS)	< 1.00	< 109.07			< 1.00	< 51.4	5	mg/l	lbs/day				
e. Ammonia (as N)	0.345	37.63					1	mg/l	lbs/day				
f. Flow	VALUE 13.0707		VALUE		VALUE 6.15992		4	MGD	N/A	VALUE			
g. Temperature (winter)	VALUE 24		VALUE		VALUE		1	(Nov-Feb) °C		VALUE			
h. Temperature (summer)	VALUE 43.6		VALUE		VALUE		1	(Mar-Oct) °C		VALUE			
i. pH	MINIMUM 8.91	MAXIMUM 8.91	MINIMUM	MAXIMUM	<div style="border: 1px solid black; width: 100px; height: 20px; transform: rotate(45deg);"></div>		1	STANDARD UNITS		<div style="border: 1px solid black; width: 100px; height: 20px; transform: rotate(45deg);"></div>			

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			
	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	< 2.00	< 218.15					1	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color		X	< 5.00	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X	< 0.100	< 10.91					1	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)		X	< 0.020	< 2.18					1	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE			
	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 ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 0.100	< 10.91					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 545.37			< 5.00	< 257.02	5	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)		X	< 0.050	< 5.45					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total		X	< 5.00	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A					1	pci/l	N/A			
k. Sulfate (as SO4) (14808-79-8)		X	< 5.00	< 545.37					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 10.91					1	mg/l	lbs/day			
m. Sulfite (as SO3) (14265-45-3)		X	< 2.00	< 218.15					1	mg/l	lbs/day			
n. Surfactants		X	< 0.050	< 5.45					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)		X	< 50.00	< 5.45					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	< 5.45					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)		X	< 50.00	< 5.45					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 20.00	< 2.18					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)		X	< 20.00	< 2.18					1	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)		X	< 50.00	< 5.45					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.00	< 2.18					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)		X	< 10.00	< 1.09					1	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.00	< 1.09					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.00	< 5.45					1	µg/l	lbs/day			

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PART C -

If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your 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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.545					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X		X	< 0.100	< 0.0109					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	< 2.00	< 0.218					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	N/A			Not	required	on	this	outfall							
9M. Nickel, Total (7440-02-0)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	< 0.054					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.545					1	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 0.545					1	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	< 0.218					1	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 2.00	< 0.218					1	µg/l	lbs/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
24V. Tetrachloroethylene (127-18-4)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
27V. 1,1,1-Trichloroethane (71-55-6)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
29V. Trichloroethylene (79-01-6)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
30V. Trichlorofluoromethane (75-69-4)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
2A. 2,4-Dichlorophenol (120-83-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
3A. 2,4-Dimethylphenol (105-67-9)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
5A. 2,4-Dinitrophenol (51-28-5)	X		X	< 50.00	< 5.45					1	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-8)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
9A. Pentachlorophenol (87-86-5)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
11A. 2,4,6-Trichlorophenol (88-06-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100	< 10.91					1	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
12B. Bis (2-Chloroiso- propyl) Ether (102-60-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichlorobenzene (106-46-7)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
23B. 3,3-Dichlorobenzidine (91-94-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
27B. 2,4-Dinitrotoluene (121-14-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
28B. 2,6-Dinitrotoluene (606-20-2)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
30B. 1,2-Diphenylhydrazine (as Azobenzene) (122-66-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
33B. Hexachlorobenzene (118-74-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
34B. Hexachlorobutadiene (87-68-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
35B. Hexachlorocyclopentadiene (77-47-4)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
36B. Hexachloroethane (67-72-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
41B. N-Nitrosodimethylamine (62-75-9)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
42B. N-Nitrosodi-N-Propylamine (621-64-7)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
45B. Pyrene (129-00-0)	X		X	< 10.00	< 1.091					1	µg/l	lbs/day			
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	< 0.109					1	µg/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction							
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction							
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction							
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction							
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction							
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction							
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction							
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction							
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction							
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction							
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction							
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction							
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction							
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction							

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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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. **06A**

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	EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a: LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.00	< 0.48					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	< 20.00	< 4.82					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	1.72	0.41					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	2.5	0.60			1.67	0.13	10	mg/l	lbs/day			
e. Ammonia (as N)	1.48	0.36					1	mg/l	lbs/day			
f. Flow	VALUE 0.028900		VALUE		VALUE 0.00936		10	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 11.4		VALUE		VALUE		1	(Nov-Feb) °C		VALUE		
h. Temperature (summer)	VALUE 21.6		VALUE		VALUE		1	(Mar-Oct) °C		VALUE		
i. pH	MINIMUM 8.50	MAXIMUM 8.50	MINIMUM	MAXIMUM	<div></div>		1	STANDARD UNITS		<div></div>		

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		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X	< 2.00	< 0.482					1	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color	X		5.0	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X	< 0.100	< 0.024					1	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)	X		0.172	0.041					1	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT							4. UNITS		5. INTAKE		
	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 ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 0.400	< 0.096					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 1.21			< 5.00	< 0.391	10	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)		X	< 0.200	< 0.048					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total		X	< 5.00	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A					1	pci/l	N/A			
k. Sulfate (as SO4) (14808-79-8)		X	< 5.00	< 1.21					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 0.024					1	mg/l	lbs/day			
m. Sulfite (as SO3) (14265-45-3)		X	< 2.00	< 0.482					1	mg/l	lbs/day			
n. Surfactants		X	< 0.050	< 0.012					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)		X	< 50.00	< 0.012					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	< 0.012					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)		X	< 50.00	< 0.012					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 10.00	< 0.002					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)	X		52.1	0.013					1	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		1130	0.273					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.0	< 0.005					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)	X		17.3	0.004					1	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.00	< 0.002					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.00	< 0.012					1	µg/l	lbs/day			

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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. TEST-ING RE-QUIRED	b. BE-LIEVED PRESENT	c. BE-LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL-YSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL-YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN-TRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X		X	< 0.100	< 2.4E-05					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	< 2.00	< 0.0005					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	N/A			Not	required	on	this	outfall							
9M. Nickel, Total (7440-02-0)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	< 0.0001					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.001					1	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 0.001					1	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	< 0.0005					1	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 2.00	< 0.0005					1	µg/l	lbs/day			
23V. 1,1,2,2-Tetra- chloroethane (79-34-5)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
24V. Tetrachloro- ethylene (127-18-4)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
26V. 1,2-Trans- Dichloroethylene (156-60-5)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
27V. 1,1,1-Tri- chloroethane (71-55-6)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
28V. 1,1,2-Tri- chloroethane (79-00-5)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
30V. Trichloro- fluoromethane (75-69-4)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
2A. 2,4-Dichloro- phenol (120-83-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
3A. 2,4-Dimethyl- phenol (105-67-9)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
4A. 4,6-Dinitro-O- Cresol (534-52-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
5A. 2,4-Dinitro- phenol (51-28-5)	X		X	< 50.00	< 0.012					1	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
8A. P-Chloro-M- Cresol (59-50-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
9A. Pentachloro- phenol (87-86-5)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
11A. 2,4,6-Tri- chlorophenol (88-06-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 10.00	< 0.002					1	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100.0	< 0.024					1	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
12B. Bis (2-Chloroiso- propyl) Ether (102-60-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			

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06A

CONTINUED FROM PAGE V-6

CONTINUED FROM PAGE V-6															
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
28B. 2,6-Dinitro- toluene (606-20-2)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
42B. N-Nitrosodi-N- Propylamine (621-84-7)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			

Continued from the front															
1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
45B. Pyrene (129-00-0)	X		X	< 10.00	< 0.002					1	µg/l	lbs/day			
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	< 0.0002					1	µg/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction							
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction							
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction							
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction							
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction							
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction							
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction							
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction							
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction							
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction							
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction							
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction							
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction							
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction							

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

OUTFALL NUMBER

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06A

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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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.

06B

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	EFFLUENT							3. UNITS (specify if blank)	4. INTAKE (optional)				
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES		a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 6.00	< 7.21					1	mg/l	lbs/day				
b. Chemical Oxygen Demand (COD)	56.1	67.41					1	mg/l	lbs/day				
c. Total Organic Carbon (TOC)	2.79	3.35					1	mg/l	lbs/day				
d. Total Suspended Solids (TSS)	10	12.02			4.4	1.77	12	mg/l	lbs/day				
e. Ammonia (as N)	5.5	6.61					1	mg/l	lbs/day				
f. Flow	VALUE 0.144000		VALUE		VALUE 0.048300		12	MGD	N/A	VALUE			
g. Temperature (winter)	VALUE 8.2		VALUE		VALUE		1	(Nov-Feb) °C		VALUE			
h. Temperature (summer)	VALUE 24		VALUE		VALUE		1	(Mar-Oct) °C		VALUE			
i. pH	MINIMUM 7.23	MAXIMUM 7.23	MINIMUM	MAXIMUM	<div></div>		1	STANDARD UNITS		<div></div>			

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		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X	< 2.00	< 2.40					1	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color	X		30.0	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X	< 0.100	< 0.120					1	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)	X		0.54	0.642					1	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE			
	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 ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		1.7	2.04					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 6.01			< 5.00	< 2.02	12	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)		X	< 0.200	< 0.240					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total		X	< 5.00	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A					1	pci/l	N/A			
k. Sulfate (as SO ₄) (14808-79-8)		X	< 5.00	< 6.01					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 0.120					1	mg/l	lbs/day			
m. Sulfite (as SO ₃) (14265-45-3)		X	< 2.00	< 2.40					1	mg/l	lbs/day			
n. Surfactants		X	< 0.050	< 0.060					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	X		76.8	0.0923					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	< 0.060					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)		X	< 50.00	< 0.060					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 20.00	< 0.024					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)	X		418	0.502					1	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		483	0.58					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.00	< 0.024					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)	X		27.1	0.033					1	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.00	< 0.012					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.00	< 0.060					1	µg/l	lbs/day			

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06B

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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.006					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X		X	< 0.100	< 0.0001					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X		X	< 10.00	< 0.012					1	mg/L	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	3.22	0.004					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	N/A			Not	required	on	this	outfall							
9M. Nickel, Total (7440-02-0)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	< 0.0006					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X	X		22.7	0.027					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
15M. Phenols, Total	X	X		6.87	0.008					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.006					1	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 0.006					1	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	< 0.002					1	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 2.00	< 0.002					1	µg/l	lbs/day			
23V. 1,1,2,2-Tetra- chloroethane (79-34-5)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
24V. Tetrachloro- ethylene (127-18-4)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
26V. 1,2-Trans- Dichloroethylene (156-60-5)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
27V. 1,1,1-Tri- chloroethane (71-55-6)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
28V. 1,1,2-Tri- chloroethane (79-00-5)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
30V. Trichloro- fluoromethane (75-69-4)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
2A. 2,4-Dichloro- phenol (120-83-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
3A. 2,4-Dimethyl- phenol (105-67-9)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
4A. 4,6-Dinitro-O- Cresol (534-52-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
5A. 2,4-Dinitro- phenol (51-28-5)	X		X	< 50.00	< 0.060					1	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
8A. P-Chloro-M- Cresol (59-50-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
9A. Pentachloro- phenol (87-86-5)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
11A. 2,4,6-Tri- chlorophenol (88-06-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES	
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS		
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
1B. Acenaphthene (83-32-9)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
3B. Anthracene (120-12-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
4B. Benzidine (92-87-5)	X		X	< 100.00	< 0.120					1	µg/l	lbs/day				
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
12B. Bis (2-Chloroiso- propyl) Ether (102-60-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
18B. Chrysene (218-01-9)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day				
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day				
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day				

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CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
28B. 2,6-Dinitro- toluene (606-20-2)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
42B. N-Nitrosodi-N- Propylamine (621-64-7)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
45B. Pyrene (129-00-0)	X		X	< 10.00	< 0.012					1	µg/l	lbs/day			
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	< 0.001					1	µg/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction							
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction							
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction							
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction							
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction							
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction							
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction							
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction							
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction							
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction							
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction							
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction							
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction							
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction							

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

OUTFALL NUMBER

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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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.

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	EFFLUENT						3. UNITS (specify if blank)	4. INTAKE (optional)					
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)			d. NO. OF ANALYSES	a: CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.00	< 3.64					1	mg/l	lbs/day				
b. Chemical Oxygen Demand (COD)	29.9	54.42					1	mg/l	lbs/day				
c. Total Organic Carbon (TOC)	8.19	14.91					1	mg/l	lbs/day				
d. Total Suspended Solids (TSS)	21.2	38.58			7.87	6.95	12	mg/l	lbs/day				
e. Ammonia (as N)	1.88	3.42					1	mg/l	lbs/day				
f. Flow	VALUE 0.218100		VALUE		VALUE 0.105900		40	MGD	N/A	VALUE			
g. Temperature (winter)	VALUE 12.7		VALUE		VALUE		1	(Nov-Feb) °C		VALUE			
h. Temperature (summer)	VALUE 29.6		VALUE		VALUE		1	(Mar-Oct) °C		VALUE			
i. pH	MINIMUM 6.01	MAXIMUM 8.85	MINIMUM	MAXIMUM			40	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		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X	< 2.00	< 3.64					1	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color	X		60	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X	< 0.500	< 0.910					1	mg/l	lbs/day			
f. Nitrate - Nitrite <i>(as N)</i>		X	< 0.020	< 0.036					1	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE			
	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 ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)	X		1.65	3					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 9.10			< 5.00	< 4.42	12	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)	X		0.23	0.419					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total		X	< 5.00	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A					1	pci/l	N/A			
k. Sulfate (as SO ₄) (14808-79-8)	X		5780	10520					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 0.182					1	mg/l	lbs/day			
m. Sulfite (as SO ₃) (14265-45-3)		X	< 2.00	< 3.64					1	mg/l	lbs/day			
n. Surfactants		X	< 0.050	< 0.091					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	X		413	0.752					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	< 0.091					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)	X		54	0.098					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 20.00	< 0.036					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)	X		6170	11.23					1	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		1480	2.69					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)	X		395	0.719					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)	X		94	0.171					1	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.0	< 0.018					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.0	< 0.091					1	µg/l	lbs/day			

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PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your 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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X	< 5.00	< 0.009					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 25.00	< 0.0455					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X	X		0.472	0.0008					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X	X		33.1	0.0600					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X	X		42.3	0.0770					1	µg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X	X		23.7	0.0430					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	N/A			Not	required	on	this	outfall							
9M. Nickel, Total (7440-02-0)	X	X		49.5	0.0900					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 25.00	< 0.0455					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 0.009					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	< 0.0009					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X	X		465	0.846					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.00	< 0.009					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES	
				(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	< 5.00	< 0.009					1	µg/l	lbs/day				
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 0.009					1	µg/l	lbs/day				
3V. Benzene (71-43-2)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day				
5V. Bromoform (75-25-2)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
9V. Chloroethane (75-00-3)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 0.009					1	µg/l	lbs/day				
11V. Chloroform (67-66-3)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	< 0.004					1	µg/l	lbs/day				
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				

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1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)							
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES				
				(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	< 2.00	< 0.004					1	µg/l	lbs/day							
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
24V. Tetrachloroethylene (127-18-4)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
25V. Toluene (108-88-3)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
27V. 1,1,1-Trichloroethane (71-55-6)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
29V. Trichloroethylene (79-01-6)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
30V. Trichlorofluoromethane (75-69-4)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day							
GC/MS FRACTION - ACID COMPOUNDS																			
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
2A. 2,4-Dichlorophenol (120-83-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
3A. 2,4-Dimethylphenol (105-67-9)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
5A. 2,4-Dinitrophenol (51-28-5)	X		X	< 50.00	< 0.091					1	µg/l	lbs/day							
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
8A. P-Chloro-M-Cresol (59-50-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
9A. Pentachlorophenol (87-86-5)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
10A. Phenol (108-95-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							
11A. 2,4,6-Trichlorophenol (88-06-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day							

1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE <i>(optional)</i>		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED 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 ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100.00	< 0.182					1	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
12B. Bis (2-Chloroiso- propyl) Ether (102-60-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day			

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1. POLLUTANT AND CAS NUMBER <i>(if available)</i>	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE <i>(optional)</i>			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED 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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day			
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
28B. 2,6-Dinitro- toluene (606-20-2)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			
42B. N-Nitrosodi-N- Propylamine (621-64-7)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT								4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS		a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS					(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS																
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day				
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day				
45B. Pyrene (129-00-0)	X		X	< 10.00	< 0.018					1	µg/l	lbs/day				
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	< 0.002					1	µg/l	lbs/day				
GC/MS FRACTION - PESTICIDES																
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction								
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction								
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction								
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction								
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction								
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction								
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction								
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction								
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction								
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction								
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction								
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction								
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction								
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction								
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction								
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction								

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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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 ID. NUMBER (copy from Item 1 of Form 1)

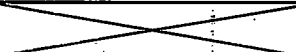
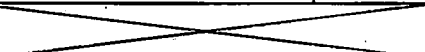
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V. INTAKE AND EFFLUENT CHARACTERISTICS (continued from page 3 of Form 2-C)

OUTFALL NO.

008

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	EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	< 2.00	0.00					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	25.1	0.00					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	4.1	0.00					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	< 2.5	0.00					1	mg/l	lbs/day			
e. Ammonia (as N)	1.66	0.00					1	mg/l	lbs/day			
f. Flow	VALUE 0		VALUE No Flow In Past 30 Days		VALUE No Flow Since Oct '09		0	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 12		VALUE		VALUE		1	(Nov-Feb) °C		VALUE		
h. Temperature (summer)	VALUE 22.8		VALUE		VALUE		1	(Mar-Oct)°C		VALUE		
i. pH	MINIMUM 8.30	MAXIMUM 8.30	MINIMUM	MAXIMUM			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		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X	< 2.00	0					1	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color	X		20	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X	< 0.100	0					1	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)	X		0.19	0					1	mg/l	lbs/day			

NOTE: Mass flows recorded as 0 because there was no flow.

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE			
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 0.400	0					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	0					1	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)		X	< 0.200	0					1	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total		X	< 5.00	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.00	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.00	N/A					1	pci/l	N/A			
k. Sulfate (as SO ₄) (14808-79-8)		X	< 5.00	0					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	0					1	mg/l	lbs/day			
m. Sulfite (as SO ₃) (14265-45-3)		X	< 2.00	0					1	mg/l	lbs/day			
n. Surfactants		X	< 0.050	0					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)		X	< 50.00	0					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.00	0					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)		X	< 50.00	0					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 10.00	0					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)	X		256	0					1	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		980	0					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.0	0					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)	X		32.9	0					1	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.00	0					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.00	0					1	µg/l	lbs/day			

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X		X	< 5.00	0					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 5.00	0					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	0					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X		X	< 0.100	0					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	0					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X		X	< 10.00	0					1	µg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	< 2.00	0					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	N/A			Not	required	on	this	outfall							
9M. Nickel, Total (7440-02-0)	X		X	< 10.00	0					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	0					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	0					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	0					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X		X	< 10.00	0					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	0					1	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.00	0					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1764-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X		X	< 5.00	0					1	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	0					1	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	0					1	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	0					1	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	0					1	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	0					1	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	0					1	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	0					1	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	0					1	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	0					1	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	0					1	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	0					1	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	0					1	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	0					1	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	0					1	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	0					1	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	0					1	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	0					1	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	0					1	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	0					1	µg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X		X	< 2.00	0					1	µg/l	lbs/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 1.00	0					1	µg/l	lbs/day			
24V. Tetrachloroethylene (127-18-4)	X		X	< 1.00	0					1	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	0					1	µg/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 1.00	0					1	µg/l	lbs/day			
27V. 1,1,1-Trichloroethane (71-55-6)	X		X	< 1.00	0					1	µg/l	lbs/day			
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	< 1.00	0					1	µg/l	lbs/day			
29V. Trichloro-ethylene (79-01-6)	X		X	< 1.00	0					1	µg/l	lbs/day			
30V. Trichloro-fluoromethane (75-69-4)	X		X	< 1.00	0					1	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	0					1	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	0					1	µg/l	lbs/day			
2A. 2,4-Dichlorophenol (120-83-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
3A. 2,4-Dimethylphenol (105-67-9)	X		X	< 10.00	0					1	µg/l	lbs/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
5A. 2,4-Dinitrophenol (51-28-5)	X		X	< 50.00	0					1	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	0					1	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
9A. Pentachlorophenol (87-86-5)	X		X	< 10.00	0					1	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
11A. 2,4,6-Trichlorophenol (88-06-2)	X		X	< 10.00	0					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	< 10.00	0					1	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	0					1	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100.00	0					1	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	0					1	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	0					1	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	0					1	µg/l	lbs/day			
12B. Bis (2-Chloroiso- propyl) Ether (102-60-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	0					1	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	0					1	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	0					1	µg/l	lbs/day			

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CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						d.NO. OF ANAL- YSES	4. UNITS		5. INTAKE (optional)		
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)			a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	0					1	µg/l	lbs/day			
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
28B. 2,6-Dinitro- toluene (806-20-2)	X		X	< 10.00	0					1	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	0					1	µg/l	lbs/day			
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	0					1	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	0					1	µg/l	lbs/day			
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	0					1	µg/l	lbs/day			
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	0					1	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	0					1	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	0					1	µg/l	lbs/day			
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	0					1	µg/l	lbs/day			
42B. N-Nitrosodi-N- Propylamine (621-64-7)	X		X	< 10.00	0					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	0					1	µg/l	lbs/day			
44B. Phenanthrene (85-01-8)	X		X	< 10.00	0					1	µg/l	lbs/day			
45B. Pyrene (129-00-0)	X		X	< 10.00	0					1	µg/l	lbs/day			
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	0					1	µg/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction							
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction							
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction							
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction							
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction							
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction							
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction							
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction							
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction							
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction							
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction							
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction							
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction							
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction							

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCEN- TRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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NOTE: Mass flows recorded as 0 because there was no flow.

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.

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	EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)			
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		b. LONG TERM AVRG. VALUE (if available)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		d. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (BOD)	6.46	18.38					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	56.9	161.90					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	15.4	43.82					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	< 4.17	< 11.86					1	mg/l	lbs/day			
e. Ammonia (as N)	13.8	39.27					1	mg/l	lbs/day			
f. Flow	VALUE 0.340967		VALUE		VALUE 0.070510		12	MGD	N/A	VALUE		
g. Temperature (winter)	VALUE 13.2		VALUE		VALUE		1	(Nov-Feb) °C		VALUE		
h. Temperature (summer)	VALUE 24.3		VALUE		VALUE		1	(Mar-Oct)°C		VALUE		
i. pH	MINIMUM 6.39	MAXIMUM 7.29	MINIMUM	MAXIMUM	<div></div>		12	STANDARD UNITS		<div></div>		

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		
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X	< 2.00	< 5.7					1	mg/l	lbs/day			
b. Chlorine Total Residual		X												
c. Color	X		35.0	N/A					1	PCU	N/A			
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)	X		0.114	0.324					1	mg/l	lbs/day			
f. Nitrate - Nitrite (as N)	X		43.8	124.6					1	mg/l	lbs/day			

1. POLLUTANT AND CAS NO. (if available)	2. MARK 'X'		3. EFFLUENT						4. UNITS		5. INTAKE			
	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 ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
g. Nitrogen, Total Organic (as N)		X	< 1.25	< 3.56					1	mg/l	lbs/day			
h. Oil and Grease		X	< 5.00	< 14.23					1	mg/l	lbs/day			
i. Phosphorus (as P) Total (7723-14-0)	X		5.1	14.51			1.74	1.02	12	mg/l	lbs/day			
j. Radioactivity														
(1) Alpha, Total		X	< 5.00	N/A					1	pci/l	N/A			
(2) Beta, Total	X		18.2	N/A					1	pci/l	N/A			
(3) Radium, Total		X	< 10.0	N/A					1	pci/l	N/A			
(4) Radium 226, Total		X	< 10.0	N/A					1	pci/l	N/A			
k. Sulfate (as SO ₄) (14808-79-8)	X		29.1	82.8					1	mg/l	lbs/day			
k. Sulfide (as S)		X	< 0.100	< 0.285					1	mg/l	lbs/day			
m. Sulfite (as SO ₃) (14265-45-3)	X		2.00	5.69					1	mg/l	lbs/day			
n. Surfactants	X		0.069	0.196					1	mg/l	lbs/day			
o. Aluminum, Total (7429-90-5)	X		299	0.851					1	µg/l	lbs/day			
p. Barium, Total (7440-39-3)		X	< 50.0	< 0.142					1	µg/l	lbs/day			
q. Boron, Total (7440-42-8)		X	< 50.0	< 0.142					1	µg/l	lbs/day			
r. Cobalt, Total (7440-48-4)		X	< 20.0	< 0.057					1	µg/l	lbs/day			
s. Iron, Total (7439-89-6)	X		118	0.336					1	µg/l	lbs/day			
t. Magnesium, Total (7439-95-4)	X		6860	19.52					1	µg/l	lbs/day			
u. Molybdenum, Total (7439-98-7)		X	< 20.0	< 0.057					1	µg/l	lbs/day			
v. Manganese, Total (7439-96-5)	X		165	0.469					1	µg/l	lbs/day			
w. Tin, Total (7440-31-5)		X	< 10.0	< 0.028					1	µg/l	lbs/day			
x. Titanium, Total (7440-32-6)		X	< 50.0	< 0.142					1	µg/l	lbs/day			

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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. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY AVRG. VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.014					1	µg/l	lbs/day			
2M. Arsenic, Total (7440-38-2)	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
3M. Beryllium, Total (7440-41-7)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
4M. Cadmium, Total (7440-43-9)	X	X		0.415	0.001					1	µg/l	lbs/day			
5M. Chromium, Total (7440-47-3)	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
6M. Copper, Total (7440-50-8)	X	X		59.1	0.168					1	µg/l	lbs/day			
7M. Lead, Total (7439-92-1)	X		X	< 2.00	< 0.006					1	µg/l	lbs/day			
8M. Mercury, Total (7439-97-6)	X	X		0.00226	6.43E-06					1	µg/l	lbs/day			
9M. Nickel, Total (7440-02-0)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
10M. Selenium, Total (7782-49-2)	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
11M. Silver, Total (7440-22-4)	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
12M. Thallium, Total (7440-28-0)	X		X	< 0.500	< 0.001					1	µg/l	lbs/day			
13M. Zinc, Total (7440-66-6)	X	X		277	0.788					1	µg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
15M. Phenols, Total	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
DIOXIN															
2,3,7,8-Tetra- chlorodibenzo-P- Dioxin (1784-01-6)	N/A			DESCRIBE RESULTS Not required per 2C instruction											

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 5.00	< 0.014					1	µg/l	lbs/day			
2V. Acrylonitrile (107-13-1)	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
3V. Benzene (71-43-2)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
4V. Bis (Chloro- methyl) Ether (542-88-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
5V. Bromoform (75-25-2)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
6V. Carbon Tetrachloride (56-23-5)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
7V. Chlorobenzene (108-90-7)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
8V. Chlorodi- bromomethane (124-48-1)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
9V. Chloroethane (75-00-3)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
10V. 2-Chloro- ethylvinyl Ether (110-75-8)	X		X	< 5.00	< 0.014					1	µg/l	lbs/day			
11V. Chloroform (67-66-3)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
12V. Dichloro- bromomethane (75-27-4)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
13V. Dichloro- difluoromethane (75-71-8)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
14V. 1,1-Dichloro- ethane (75-34-3)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
15V. 1,2-Dichloro- ethane (107-06-2)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
16V. 1,1-Dichloro- ethylene (75-35-4)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
17V. 1,2-Dichloro- propane (78-87-5)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
18V. 1,3-Dichloro- propylene (542-75-6)	X		X	< 2.00	< 0.006					1	µg/l	lbs/day			
19V. Ethylbenzene (100-41-4)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
20V. Methyl Bromide (74-83-9)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
21V. Methyl Chloride (74-87-3)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			

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CONTINUED FROM PAGE 3 OF FORM 2-C

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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	< 2.00	< 0.006					1	µg/l	lbs/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
24V. Tetrachloroethylene (127-18-4)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
25V. Toluene (108-88-3)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
27V. 1,1,1-Trichloroethane (71-55-6)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
28V. 1,1,2-Trichloroethane (79-00-5)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
29V. Trichloroethylene (79-01-6)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
30V. Trichlorofluoromethane (75-69-4)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
31V. Vinyl Chloride (75-01-4)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
2A. 2,4-Dichlorophenol (120-83-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
3A. 2,4-Dimethylphenol (105-67-9)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
5A. 2,4-Dinitrophenol (51-28-5)	X		X	< 50.00	< 0.142					1	µg/l	lbs/day			
6A. 2-Nitrophenol (88-75-5)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
7A. 4-Nitrophenol (100-02-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
8A. P-Chloro-M-Cresol (59-50-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
9A. Pentachlorophenol (87-86-5)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
10A. Phenol (108-95-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
11A. 2,4,6-Trichlorophenol (88-06-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
2B. Acenaphthylene (208-96-8)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
3B. Anthracene (120-12-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
4B. Benzidine (92-87-5)	X		X	< 100.00	< 0.285					1	µg/l	lbs/day			
5B. Benzo (a) Anthracene (56-55-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
6B. Benzo (a) Pyrene (50-32-8)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
7B. 3,4-Benzo- fluoranthene (205-99-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
8B. Benzo (ghi) Perylene (191-24-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
9B. Benzo (k) Fluoranthene (207-08-9)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
10B. Bis (2-Chloro- ethoxy) Methane (111-91-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
11B. Bis (2-Chloro- ethyl) Ether (111-44-4)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
12B. Bis (2-Chloroisopropyl) Ether (102-60-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
13B. Bis (2-Ethyl- hexyl) Phthalate (117-81-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
14B. 4-Bromo- phenyl Phenyl Ether (101-55-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
15B. Butyl Benzyl Phthalate (85-68-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
16B. 2-Chloro- naphthalene (91-58-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
17B. 4-Chloro- phenyl Phenyl Ether (7005-72-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
18B. Chrysene (218-01-9)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
19B. Dibenzo (a, h) Anthracene (53-70-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
20B. 1,2-Dichloro- benzene (95-50-1)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
21B. 1,3-Dichloro- benzene (541-73-1)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			

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CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
22B. 1,4-Dichloro- benzene (106-46-7)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
23B. 3,3-Dichloro- benzidine (91-94-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
24B. Diethyl Phthalate (84-66-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
25B. Dimethyl Phthalate (131-11-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
27B. 2,4-Dinitro- toluene (121-14-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
28B. 2,6-Dinitro- toluene (606-20-2)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
29B. Di-N-Octyl Phthalate (117-84-0)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
30B. 1,2-Diphenyl- Hydrazine (as Azo- benzene)(122-66-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
31B. Fluoranthene (206-44-0)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
32B. Fluorene (86-73-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
33B. Hexachloro- benzene (118-74-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
34B. Hexachloro- butadiene (87-68-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
35B. Hexachloro- cyclopentadiene (77-47-4)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
36B. Hexachloro- ethane (67-72-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
38B. Isophorone (78-59-1)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
39B. Naphthalene (91-20-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
40B. Nitrobenzene (98-95-3)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
41B. N-Nitrosodi- methylamine (62-75-9)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
42B. N-Nitrosodi-N- Propylamine (621-64-7)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCENT- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENT- TRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
43B. N-Nitro- sodiphenylamine (86-30-6)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
44B. Phenanthrene (85-01-8)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
45B. Pyrene (129-00-0)	X		X	< 10.00	< 0.028					1	µg/l	lbs/day			
46B. 1,2,4-Trichloro- benzene (120-82-1)	X		X	< 1.00	< 0.003					1	µg/l	lbs/day			
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	N/A			Not	required	per	2C	instruction							
2P. α-BHC (319-84-6)	N/A			Not	required	per	2C	instruction							
3P. β-BHC (319-85-7)	N/A			Not	required	per	2C	instruction							
4P. γ-BHC (58-89-9)	N/A			Not	required	per	2C	instruction							
5P. δ-BHC (319-86-8)	N/A			Not	required	per	2C	instruction							
6P. Chlordane (57-74-9)	N/A			Not	required	per	2C	instruction							
7P. 4,4'- DDT (50-29-3)	N/A			Not	required	per	2C	instruction							
8P. 4,4'- DDE (72-55-9)	N/A			Not	required	per	2C	instruction							
9P. 4,4'- DDD (72-54-8)	N/A			Not	required	per	2C	instruction							
10P. Dieldrin (60-57-1)	N/A			Not	required	per	2C	instruction							
11P. α-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
12P. β-Endosulfan (115-29-7)	N/A			Not	required	per	2C	instruction							
13P. Endosulfan Sulfate (1031-07-8)	N/A			Not	required	per	2C	instruction							
14P. Endrin (72-20-8)	N/A			Not	required	per	2C	instruction							
15P. Endrin Aldehyde (7421-93-4)	N/A			Not	required	per	2C	instruction							
16P. Heptachlor (76-44-8)	N/A			Not	required	per	2C	instruction							

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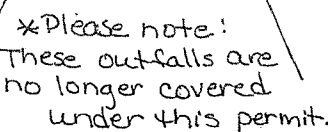
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CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (if available)	2. MARK 'X'			3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. TEST- ING RE- QUIRED	b. BE- LIEVED PRESENT	c. BE- LIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVRG. VALUE (if available)		d.NO. OF ANAL- YSES	a. CONCEN- TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b.NO. OF ANAL- YSES
				(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)	N/A			Not	required	per	2C	instruction							
18P. PCB-1242 (53469-21-9)	N/A			Not	required	per	2C	instruction							
19P. PCB-1254 (11097-69-1)	N/A			Not	required	per	2C	instruction							
20P. PCB-1221 (11104-28-2)	N/A			Not	required	per	2C	instruction							
21P. PCB-1232 (11141-16-5)	N/A			Not	required	per	2C	instruction							
22P. PCB-1248 (12672-29-6)	N/A			Not	required	per	2C	instruction							
23P. PCB-1260 (11096-82-5)	N/A			Not	required	per	2C	instruction							
24P. PCB-1016 (12674-11-2)	N/A			Not	required	per	2C	instruction							
25P. Toxaphene (8001-35-2)	N/A			Not	required	per	2C	instruction							

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FORM 2C ITEM IIA



LEGEND

normal route normal route
alt. route alternate route

NOTE: ALL FLOWS SHOWN ARE FOR
NORMAL DISCHARGE ROUTE

1	VIVVO	JMS	REVISED PER ECD-00060	MGR	ES
2	SATOR	DJD	REVISED PER ECD-00174	MGR	ES
3	RANER	JTS	REVISED PER ECD-00005	MGR	ES
4	VIVO	RND	REVISED PER ECD-00009	MGR	ES
5	PAYO	AVO	REVISED PER MGR-27085	MGR	ES
NO.	DATE		REVISION	DESIGN	BY

SOUTH CAROLINA ELECTRIC & GAS COMPANY

YUCEL C. GUNER NUCLEAR DESIGN

BUILDING SERVICES PLUMBING

SCHEMATIC OF WATER FLOW

DESIGN ENGINEERING

REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF SOUTH CAROLINA

AV.N. M.G.R. A.J.C.

D-921-931

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
D-302-011	Main Steam (Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 003 008 014
D-302-012	Main Steam (Non- Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-014	Main and Reheat Steam (Non-Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-031	Main Steam Dump System	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-041	Extraction Steam	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-051	Auxiliary Steam	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 003 008 014
D-302-081	Feedwater (Non-Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-082	Feedwater (Non-Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-083	Feedwater (Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 003 008 014

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
D-302-085	Emergency Feedwater (Nuclear)	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 003 008 014
D-302-101	Condensate	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-102	Condensate-Auxiliary Condensers and Blowdown Heat Exchangers	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-103	Condensate Polishers	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 006A 014
D-302-111	High Pressure Heater Drips, Vents and Reliefs	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-112	High Pressure Heater Drips, Vents and Reliefs	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-113	Low Pressure Heater Drips, Vents and Reliefs	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-121	Main Steam Drains	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-122	Feed Pump Start-Up, Extraction and Misc. Steam Drains	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
D-302-123	Misc. Steam Drains	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-124	Extraction Steam Drains	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-125	Scavenging Steam Drains	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-131	Condenser Air Removal	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-141	Turbine Gland Steam	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-161	Pretreatment and Sterile Water	Zinc Sulfate (Betz MS-200P) Soda Ash Aluminum Sulfate Gaseous Chlorine Clay, Polymer (Betz 1190) Tetrasodium Pyrophosphate (Betz-30K) Sodium Bicarbonate	006B 008 014
D-302-163	Cycle Makeup Demineralizers	Sodium Hydroxide Sulfuric Acid	007 001
D-302-165	Condensate Polishing	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006A 006B 008 014
D-302-171	Chemical Feed Condensate Steam Generator Standby	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
D-302-172	Chemical Feed Auxiliary Boiler and Ammonia Storage	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-181	Turbine Cycle Sampling	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-182	Generator Sampling and Turbine Cycle Sample Rack And Recorder – Analyzer Panel	Ammonia Hydrazine Methoxypropylamine Carbohydrazide Boron (Boric Acid)	006B 008 014
D-302-221 D-302-222	Service Water	Chlorine Sodium Hypochlorite Zinc Sulfate (Betz MS-200P) Spectrus CT1300 Polymer (Betz 1190) Sodium Metasilicate Betz Depositrol (PY5206) Betz Dianodic (DN2300) Betz Flowgard (MS6201)	003 Service Water Pond
D-302-224	Turbine Room Closed Cycle Cooling Water	Calgon-CS (Sodium Nitrate/ Sodium Borate)	006B 008 014
D-302-281	Fuel Oil	BIOBOR JF	006B 008 014
D-302-351	Diesel Generator – Fuel Oil	BIOBOR JF	006B 008 014
D-302-601	Reactor Coolant	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003
D-302-602	Reactor Coolant	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
E-302-603	Reactor Coolant	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003
E-302-604	Reactor Coolant	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003
E-302-605	Reactor Coolant	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003
D-302-611	Component Cooling	Potassium Chromate Potassium Hydroxide Potassium diChromate	003
		<u>Alternate Treatment 1</u> Sodium Nitrite Boric Acid Sodium Bicarbonate Benzotriazole Calgon H-303 Calgon H-450 <u>Alternate Treatment 2</u> Sodium Molybdate Dihydrate Sodium Nitrite Benzotriazole Hydroxyethylidenediphosphonate (HEDP) Polyacrylate	003
	<u>"Drain Permit Required due to Chemicals used"</u>		

TABULATION FOR CHEMICALS USED IN VARIOUS SYSTEMS

[illegible]

TABULATION FOR CHEMICALS USED IN VARIOUS SYSTEMS

[illegible]

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
E-302-674	Chemical and Volume Control	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003
E-302-675	Chemical and Volume Control	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003
E-302-676	Chemical and Volume Control	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown) BTRS Chill Water -Potassium Chromate -Potassium diChromate -Potassium Hydroxide <u>Alternate 1</u> Sodium Molybdate Dihydrate Sodium Nitrite Benzotriazole Hydroxyethylidenediphosphate (HEDP) Polyacrylate <u>Alternate 2</u> Sodium Nitrite Borax Sodium Bicarbonate Calgon H-303 Calgon H-450 Benzotriazole	003
E-302-677	Chemical and Volume Control	Lithium Hydroxide Boron (Boric Acid) Hydrogen Peroxide (during shutdown) Hydrazine (during shutdown)	003

TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
E-302-691	Safety Injection	Boric Acid	003
E-302-692	Safety Injection	Boric Acid	003
E-302-693	Safety Injection	Boric Acid	003
D-302-734	Excess Liquid Waste Processing and Storage System	Sodium Hydroxide Boron (Boric Acid) Duratek IRN-77 resin IRN-78 resin IRN-150 media and solution	003
E-302-735	Waste Processing	Sodium Hydroxide Boric Acid	003
E-302-736	Waste Processing	Sodium Hydroxide Boric Acid	003
E-302-737	Waste Processing	Sodium Hydroxide Boric Acid	003
E-302-738	Waste Processing	Sodium Hydroxide Boric Acid Duratek IRN-77 resin IRN-78 resin IRN-150 media and solution	003
E-302-741	Waste Processing	Sodium Hydroxide Boric Acid	003
E-302-742	Waste Processing	Sodium Hydroxide Boric Acid	003
E-302-743	Waste Processing	Sodium Hydroxide Boric Acid	003
E-302-751	Boron Recycle	Boric Acid	003
D-302-771	Nuclear Sampling	Boric Acid Lithium Hydroxide	003
D-302-772	Normal and Post Accident Sampling	Sodium Hydroxide Mannitol pH 9 Buffer Boron (Boric Acid)	003
D-302-782	Nuclear Blowdown Processing System Hold-Up Tank and Demineralizers	Ammonia Hydrazine Boric Acid Methoxypropylamine Carbohydrazide	006A 004 008 014

**TABULATION FOR CHEMICALS
USED IN VARIOUS SYSTEMS**

FLOW DIAGRAM	TITLE	CHEMICAL USED IN SYSTEM	OUTFALL
D-302-783	Nuclear Blowdown Processing System Spent Resin Storage Tank	Ammonia Hydrazine Boric Acid Methoxypropylamine Carbohydrazide	003 004 001
D-302-824	Reactor Building Cooling Unit Drains	Potential of Sodium Metasilicate from industrial Cooling System CT-2	003
D-302-841	Chilled Water – Pump and Chiller Area	Calgon-CS	003
D-302-842	Chilled Water – To Cooling Coils "A"	Calgon-CS	003
D-302-843	Chilled Water – To Cooling Coils "B"	Calgon-CS	003
D-302-844	Chilled Water – Turbine Room	Calgon-CS	006B 008 014
D-302-223	Turbine Building Closed Cycle Cooling Tower	BL5300 Spectrus CT1300 Spectrus OX1200	001

**During the addition of Spectrus, discharge is secured until concentration of CT1300 is less than detectable.

FORM 2E

Please print or type in the unshaded areas only.		EPA ID Number (copy from Item 1 of Form 1) 110043582272		Form Approved OMB No. 2040-0086 Approval expires 5-31-92			
FORM <div style="font-size: 2em; font-weight: bold;">2E</div> NPDES		<div style="display: flex; align-items: center; justify-content: center;"> <div> <h2 style="margin: 0;">Facilities Which Do Not Discharge Process Wastewater</h2> </div> </div>					
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	
005	34	17	41	81	18	40	Monticello Reservoir via Outfall 014
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.							
NONE.							
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) Number of Measurements Taken (last year)	(4) Source of Estimate (if new discharger)	
	Mass	Concentration	Mass	Concentration			
Biochemical Oxygen Demand (BOD)	2.60 LBS	12 PPM	0.40 LBS	6.6 PPM	13		
Total Suspended Solids (TSS)	0.91 LBS	4.2 PPM	0.17 LBS	2.8 PPM	13		
Fecal Coliform (if believed present or if sanitary waste is discharged)	N/A	< 1MPN/100mL	N/A	< 1MPN/100mL	1		
Total Residual Chlorine (if chlorine is used)	0.015 LBS	0.07 PPM			1		
Oil and Grease	< 1.08 LBS	< 5.00 PPM			1		
*Chemical oxygen demand (COD)	18.88 LBS	87.0 PPM			1		
*Total organic carbon (TOC)	4.10 LBS	18.9 PPM			1		
Ammonia (as N)	3.60 LBS	16.6 PPM			1		
Discharge Flow	Value 0.026000 MGD		0.007250 MGD		12		
pH (give range)	Value 5.84		5.84 - 5.84		1		
Temperature (Winter)	16.9 °C		°C		1		
Temperature (Summer)	27.4 °C		°C		1		
*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
---	---

VI. TREATMENT SYSTEM (Describe briefly any treatment system(s) used or to be used)


See attached description.

VII. OTHER INFORMATION (Optional)

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.

VIII. 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 George A. Lippard, Vice President, Nuclear Operations	B. Phone No. (area code & no.) (803) 345-4810
C. Signature 	D. Date Signed 2/15/19

LOCATION SUPPLEMENT AND DESCRIPTION OF OUTFALLS

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
BUREAU OF WATER**

LOCATION SUPPLEMENT FOR ND AND NPDES PERMIT APPLICATIONS

FACILITY: Virgil C. Summer Nuclear Station DATE: 02/05/19

ITEM 1: Please give a short description of the plant location, if the address is not a specific location.
Example: Plant is located at the interchange of Interstate 26 and U.S. Highway #1.

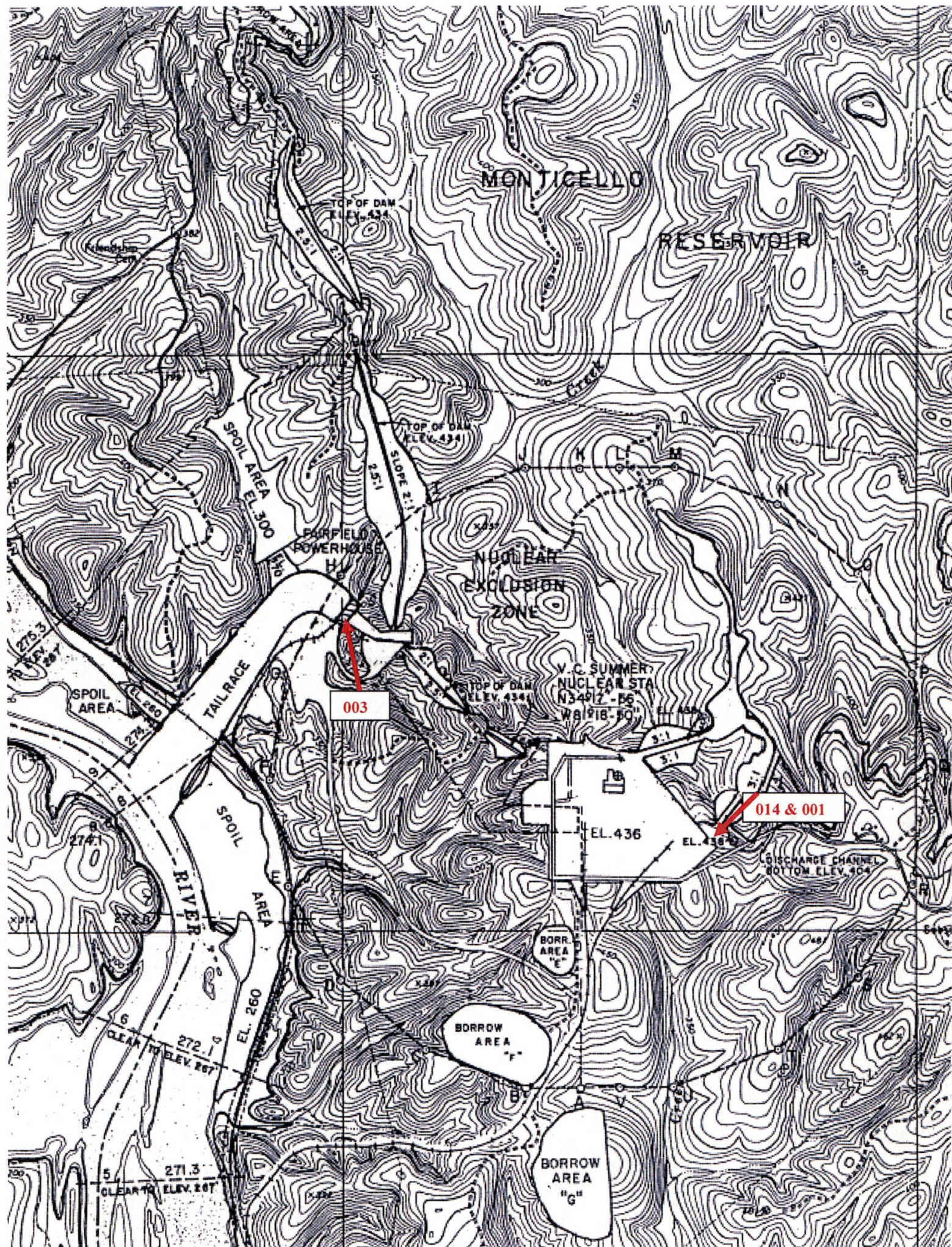
Plant is located approximately 1.5 miles west of Highway 215 at Bradham Blvd.

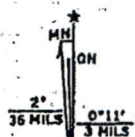
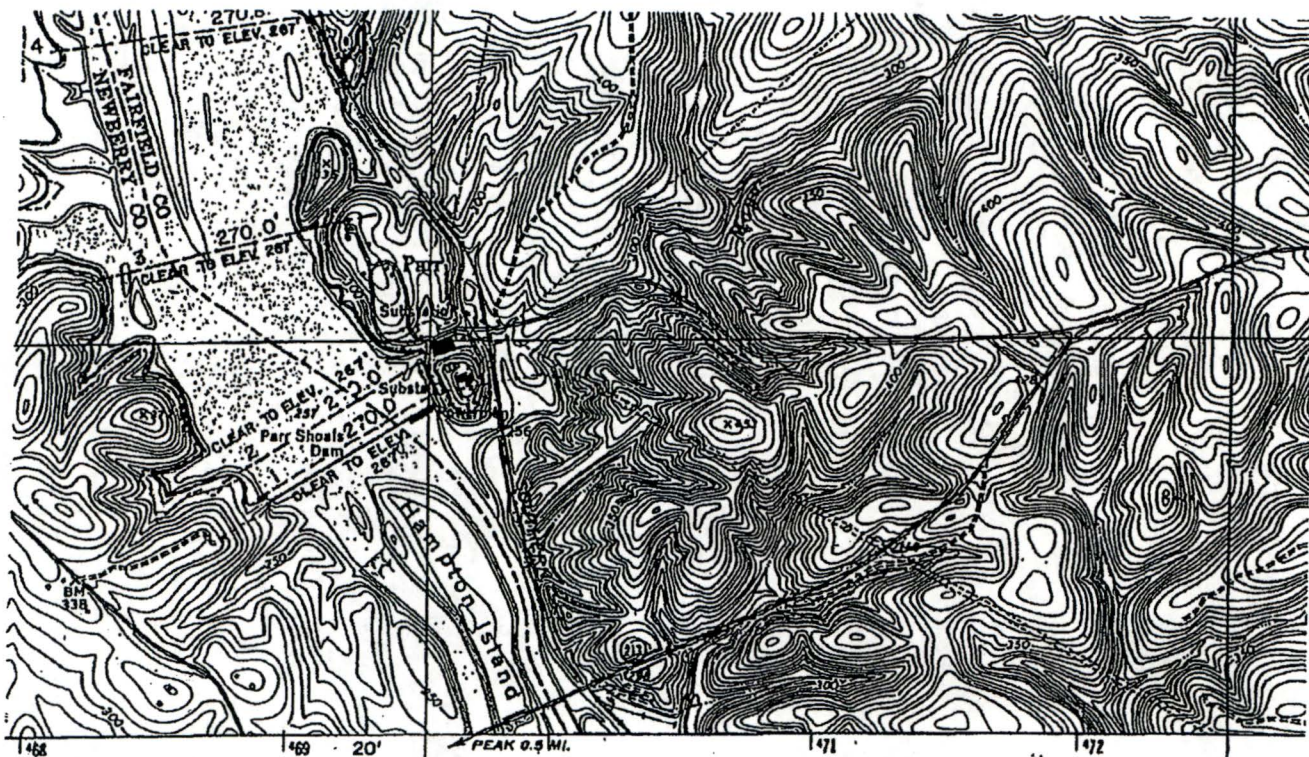
ITEM 2: Please give a description of the location of the discharge point into the receiving stream using some landmark as a reference point, i.e., bridge, stream, road junction, the plant itself, etc. Give the direction and the distance in feet from the reference point. Example: Discharge #001 is into Johnny Creek approximately 300 feet directly behind the plant. Discharge #002 is into Doris Creek 150 feet downstream from U.S. Highway #30 bridge.

See attached descriptions of NPDES Outfalls.

ITEM 3: Please locate the discharge on a U.S. Geological Survey 7 1/2 minute quad sheet (or a 15 minute quad if a 7 1/2 quad is not available for the area). The entire quad sheet need not be submitted. An 8 1/2 by 11 inch photocopy of the applicable portion of the map is sufficient. The quad sheet name must be provided on the copy submitted to the Department. USGS Maps are available at the SC Dept. Of Natural Resources/Map Division, 2221 Devine Street, Suite 222, Columbia, SC 29205. Phone number is 734-9108.

RETURN TO: SCDHEC
Bureau of Water
NPDES Administration
2600 Bull Street
Columbia, SC 29201

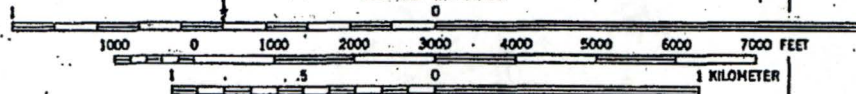




UTM GRID AND 1969 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

E 1,900,000

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

E 1,910,000

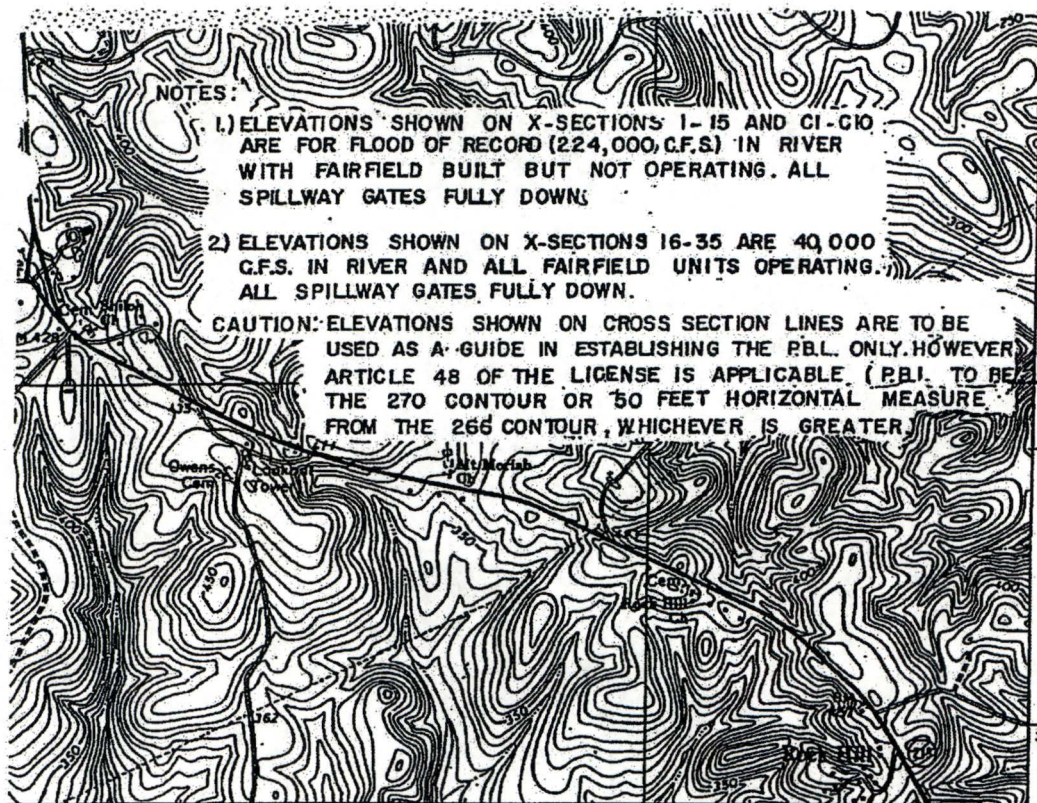
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NOTES:

1) ELEVATIONS SHOWN ON X-SECTIONS 1-15 AND C1-C10 ARE FOR FLOOD OF RECORD (224,000 C.F.S.) IN RIVER WITH FAIRFIELD BUILT BUT NOT OPERATING. ALL SPILLWAY GATES FULLY DOWN.

2) ELEVATIONS SHOWN ON X-SECTIONS 16-35 ARE 40,000 C.F.S. IN RIVER AND ALL FAIRFIELD UNITS OPERATING. ALL SPILLWAY GATES FULLY DOWN.

CAUTION: ELEVATIONS SHOWN ON CROSS SECTION LINES ARE TO BE USED AS A GUIDE IN ESTABLISHING THE P.B.L. ONLY. HOWEVER, ARTICLE 48 OF THE LICENSE IS APPLICABLE (P.B.L. TO BE THE 270 CONTOUR OR 50 FEET HORIZONTAL MEASURE FROM THE 266 CONTOUR, WHICHEVER IS GREATER).



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
○ Interstate Route	□ U. S. Route ○ State Route



QUADRANGLE LOCATION

JENKINSVILLE, S. C.
N3415-W8115/7.5

1969

AMS 4752 IV SE -SERIES V846

E1,920,000

34°15'
81°15'

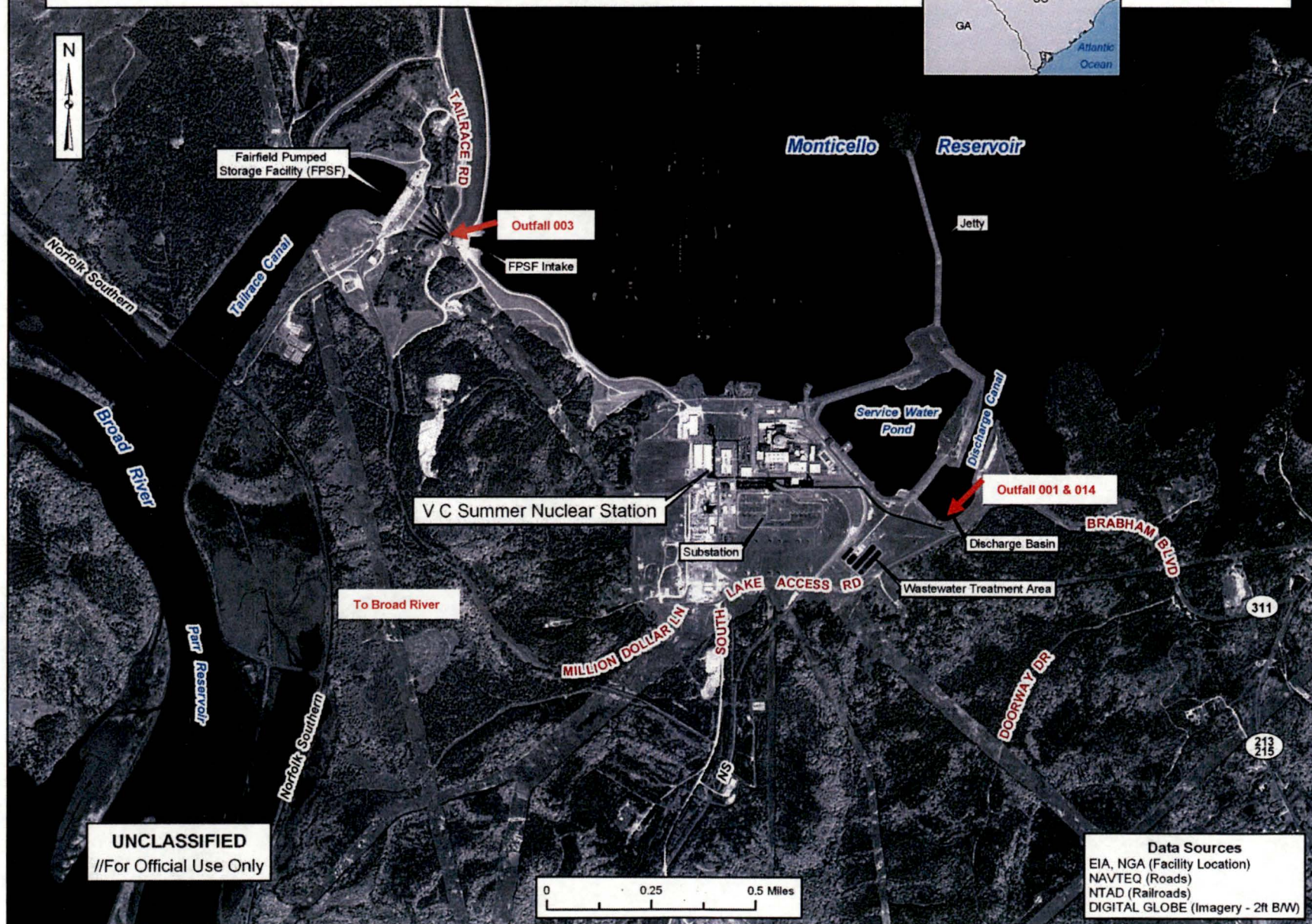
ORCHARD
4752 II NW

Virgil C Summer Nuclear Station - Jenkinsville, SC

Medium Scale Image Graphic



UNCLASSIFIED
//For Official Use Only

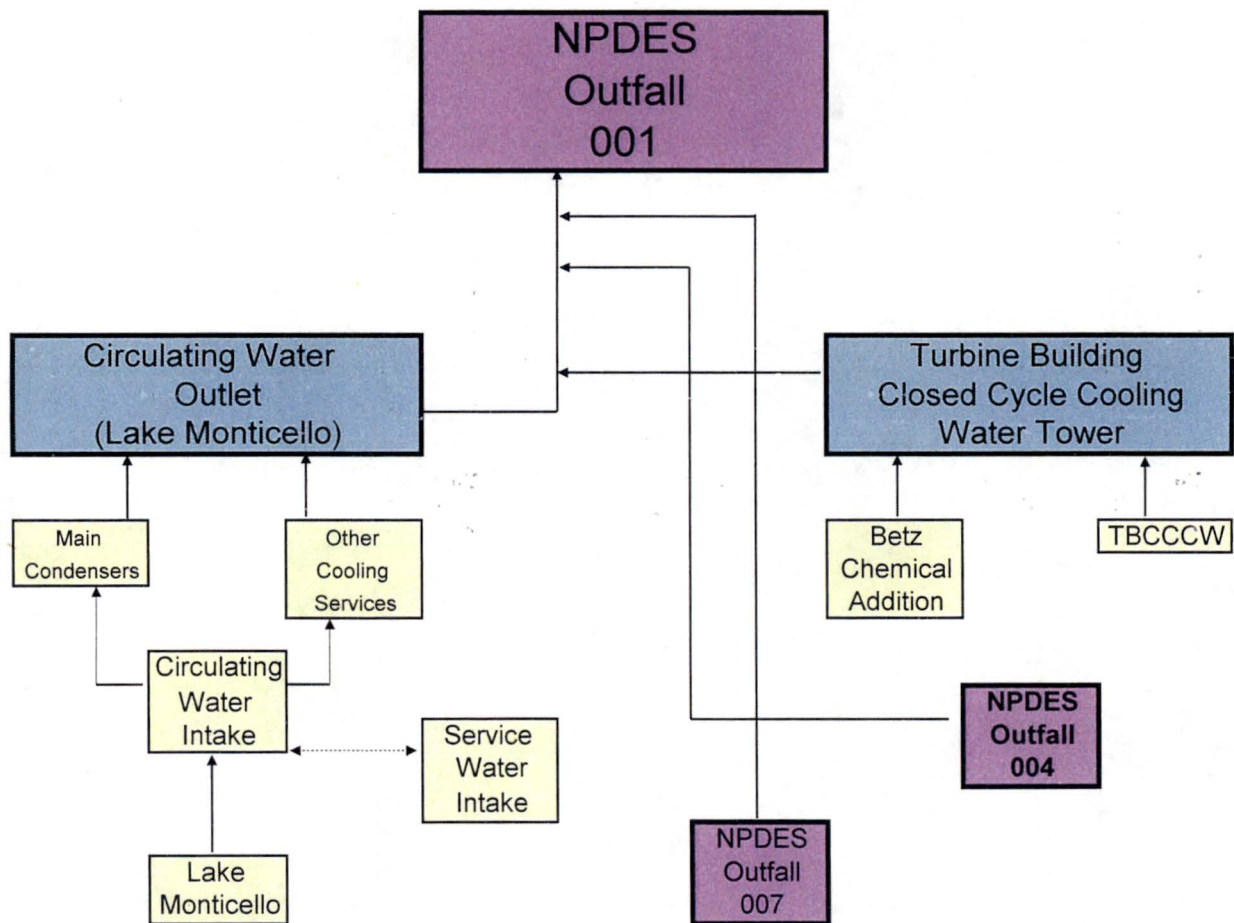


OUTFALL 001

CIRCULATING WATER

Outfall 001 is discharged into the Monticello Reservoir discharge Canal Zone. It is approximately 25 yards east/southeast of the access road into V.C. Summer Nuclear Station. The discharge is approximately 10 feet below the 425' full level elevation.

The Circulating Water System removes thermal energy from the main and auxiliary condensers and dissipates this energy to the Monticello Reservoir via the Circulating Water Discharge Canal.



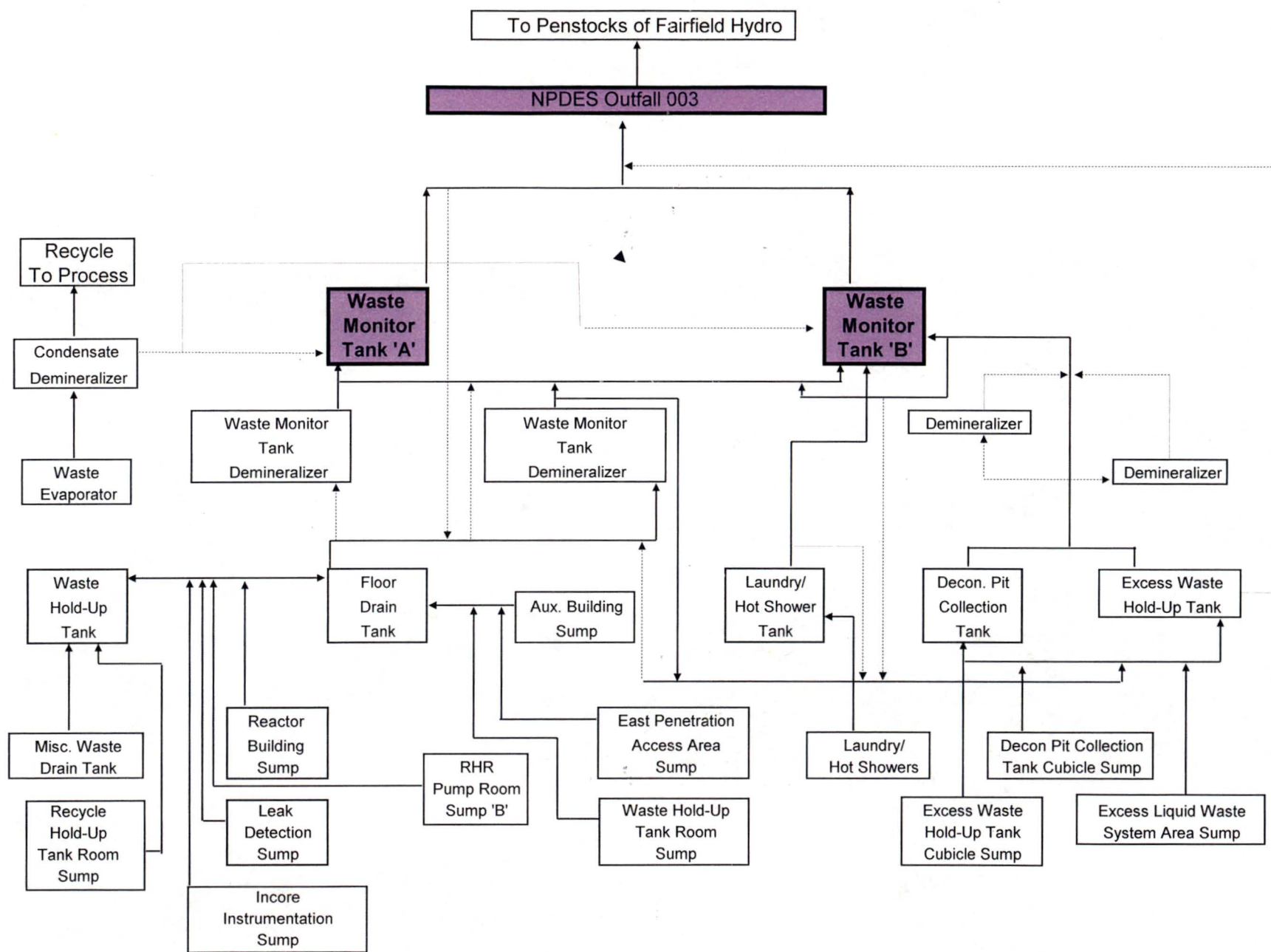
OUTFALL 003

WASTE MONITOR TANKS

Outfall 003 is discharged into the Penstocks of Fairfield Hydro at Broad River. This discharge point is located approximately one-half mile from the northwest corner of the Nuclear Plant.

Two waste monitor tanks are provided for monitoring discharges from potentially radioactive areas at VCSNS. The tanks act as a reservoir for storing wastewater, which is to be released from the Liquid Waste Processing System (LWPS) through the penstocks at the Fairfield Pumped Storage Facility. The LWPS is designed to receive, control, segregate, process, recycle and discharge wastewater that is potentially radioactive. Outfall 003 may also receive effluent from the Blowdown Monitor Tank.

Provisions are made to sample and analyze wastewater before it is discharged to ensure that quantities of radioactive releases to the environment are in accordance with 10CFR50, Appendix I, of the Nuclear Regulatory Commission (NRC) Regulations.

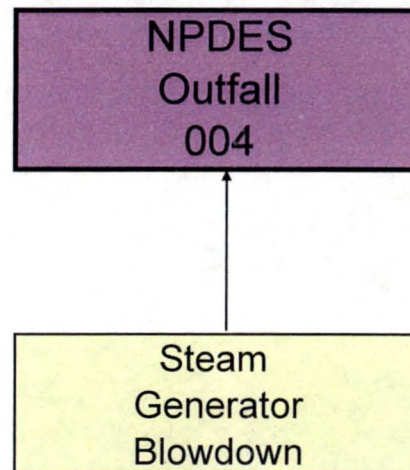


OUTFALL 004

STEAM GENERATOR BLOWDOWN

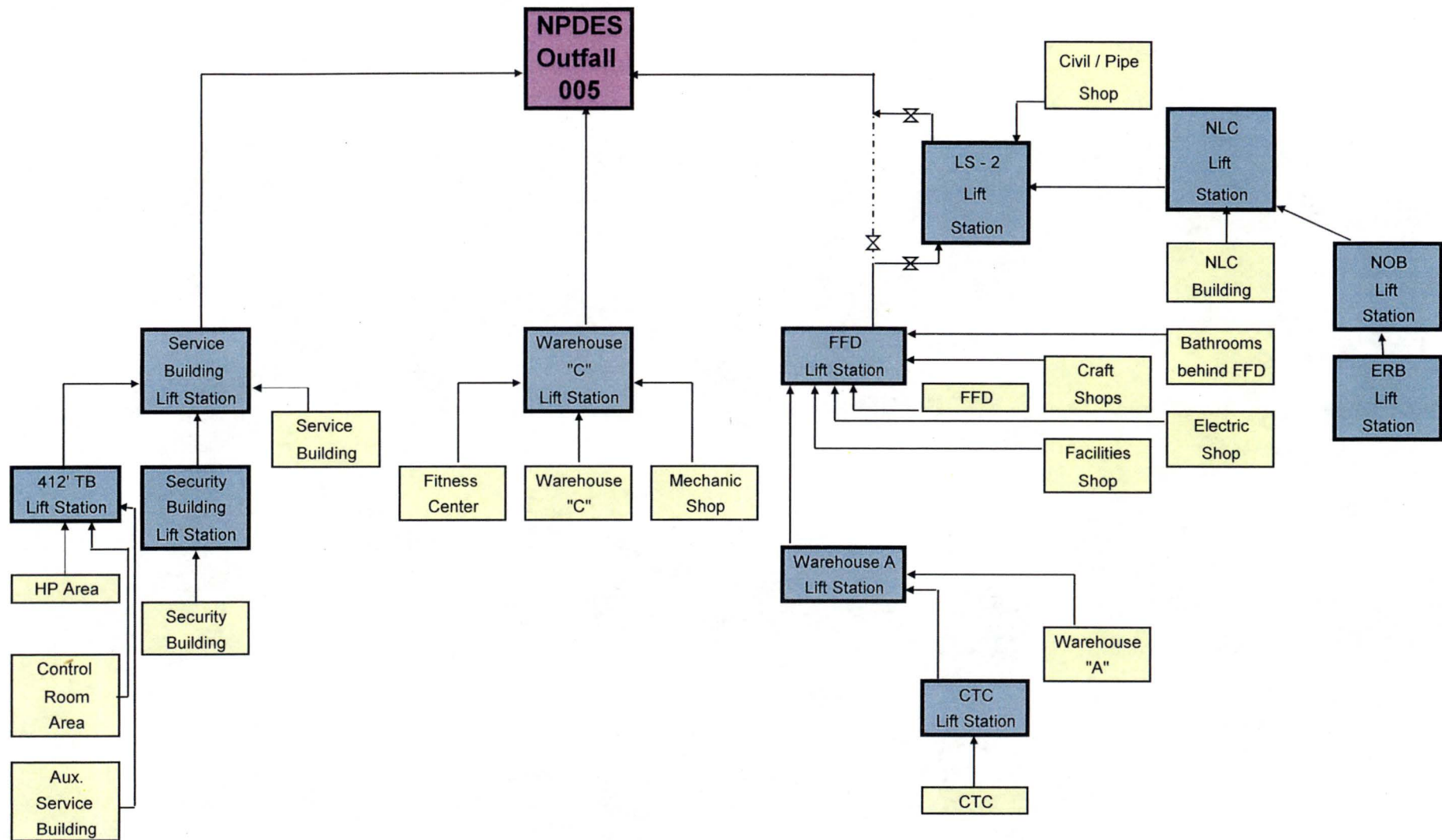
Outfall 004 may be discharged via Outfall 001 into the Monticello Reservoir. Outfall 004 is discharged into Outfall 001 in the southwest corner of the Turbine Building near elevation 400'. The water is then carried through Outfall 001 into the Monticello Reservoir Discharge Canal Zone.

Although alternate effluent paths for steam generator blowdown exist, VCSNS has been reclaiming blowdown for the major portion of the operational cycle. Aside from releases during maintenance evolutions, in-house release permits have been held to a minimum for steam generator blowdown since May 18, 1988.



OUTFALL 005 TREATED SANITARY EFFLUENT

This sanitary wastewater system consists of two dosing tanks, an aeration basin with six aerators, two sand filters, two chlorination basins, and two dechlorination basins. The system treats sanitary (domestic) wastewater from the areas identified in the flow diagram. Effluent is combined with the effluents from Outfalls 006A, 006B and 008 (forming Outfall 014) and then discharged to Monticello Reservoir via the Circulating Water Discharge Canal.

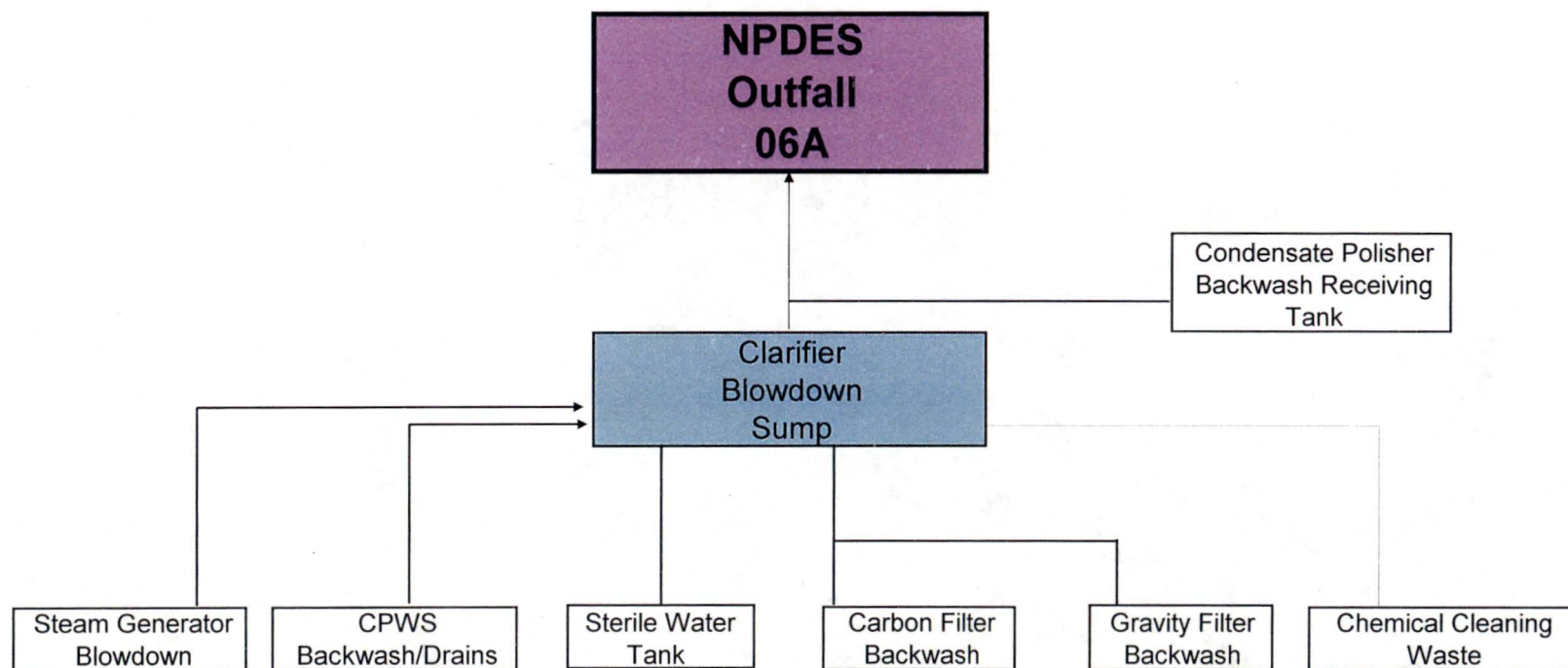


OUTFALL 006A

ALUM SLUDGE BASIN

Outfall 006A is discharged into the combined Outfall 014 and carried to the Monticello Reservoir Discharge Canal Zone. Outfall 006A is located in the field lagoon area on the west side of the access road into V.C. Summer Nuclear Station. This area is approximately 300 yards southeast of the Nuclear Plant and is located approximately 50 yards off Bradham Boulevard.

The Alum Sludge Basin is use to treat wastewater primarily from the raw water treatment area of VCSNS. Treatment consists of sedimentation for reduction of suspended solids content before the effluent combines with the effluents from Outfalls 005, 006B and 008 (forming Outfall 014) for release to Monticello Reservoir via the Circulating Water Discharge Canal.

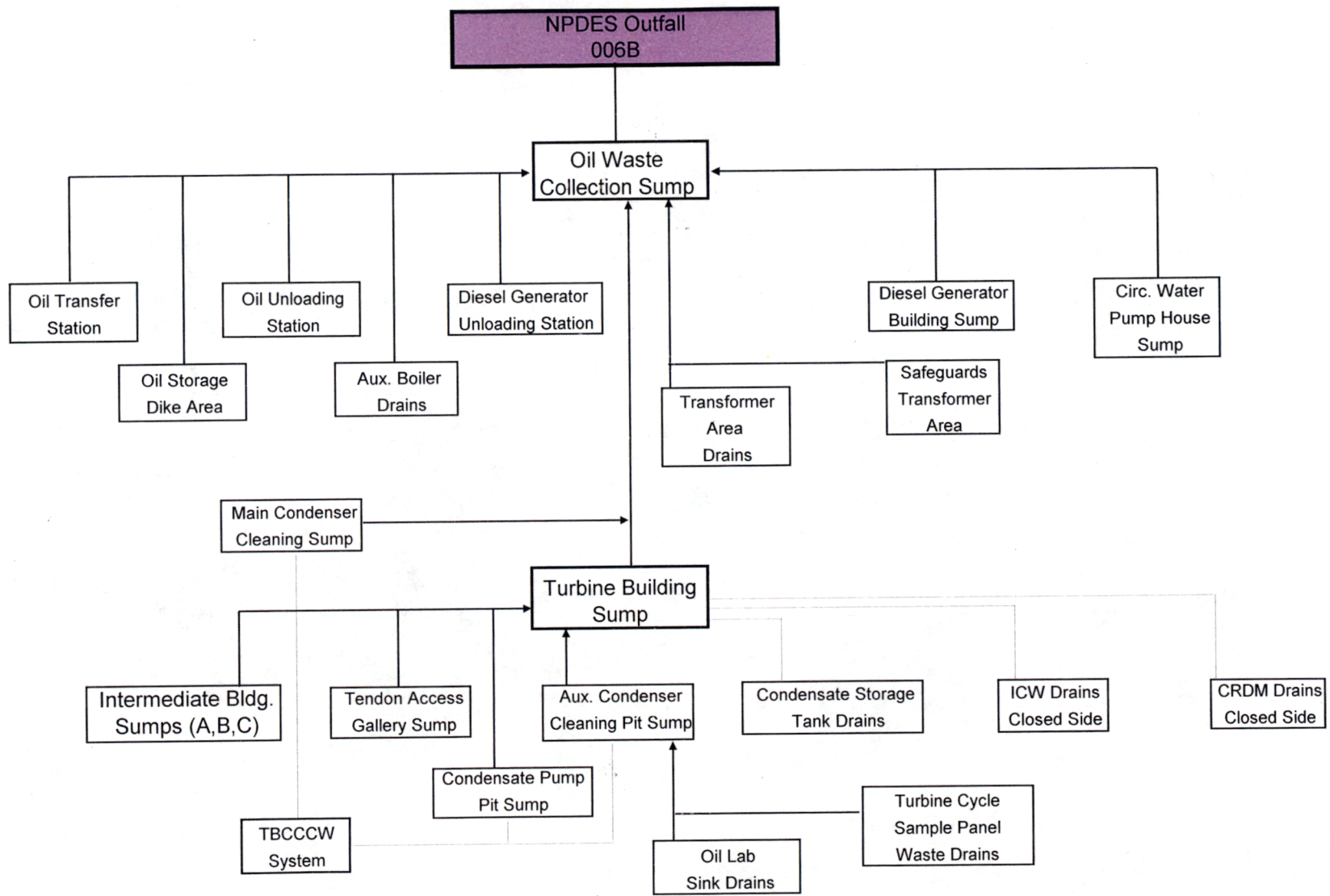


OUTFALL 006B

PLANT SURGE BASIN

Outfall 006B is discharged into the combined Outfall 014 and carried to the Monticello Reservoir Discharge Canal Zone. Outfall 006B is located in the field lagoon area on the west side of the access road into V.C. Summer Nuclear Station. This area is approximately 300 yards southeast of the Nuclear Plant and is located approximately 150 yards off Bradham Boulevard.

The Plant Surge Basin functions as a retention basin. Sources of wastewater to the Plant Surge Basin consist primarily of wastewater from various sumps, stormwater from transformer areas and stormwater from fuel oil storage and handing areas. Wastewater initially collects in a 6000-gallon common collection sump and is periodically pumped to the retention basin. An oil skimmer removes oil, which is collected in a holding tank. Sedimentation also occurs in the retention basin and reduces suspended solids content. Treated effluent gravity flows from the retention basin and combines with treated effluents from Outfalls 005, 006A and 008 (forming Outfall 014) prior to discharge to Monticello Reservoir via the Circulating Water Discharge Canal.

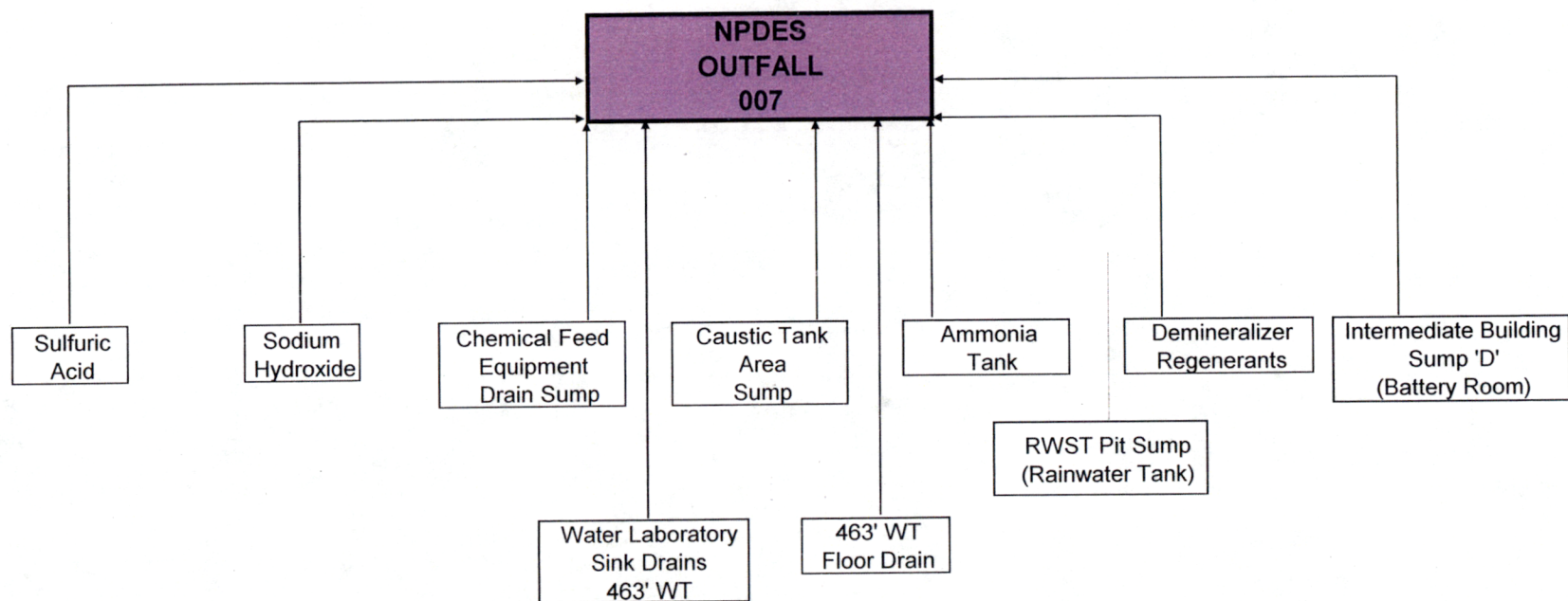


OUTFALL 007

NEUTRALIZATION BASIN

Outfall 007 is discharged into Outfall 001 and carried to the Monticello Reservoir Discharge Canal Zone. Outfall 007 is located on the east side of the Water Treatment Plant at V.C. Summer Nuclear Station.

The Neutralization Basin is a 100,000 gallon wastewater treatment tank. Sodium hydroxide or sulfuric acid is used to adjust pH to near neutral. Neutralized wastewater is discharged into the Circulating Water System discharge piping (Outfall 001). The pH of the neutralized wastewater is continuously monitored, and discharge is automatically terminated if the pH value exceeds specified limits.



OUTFALL 008

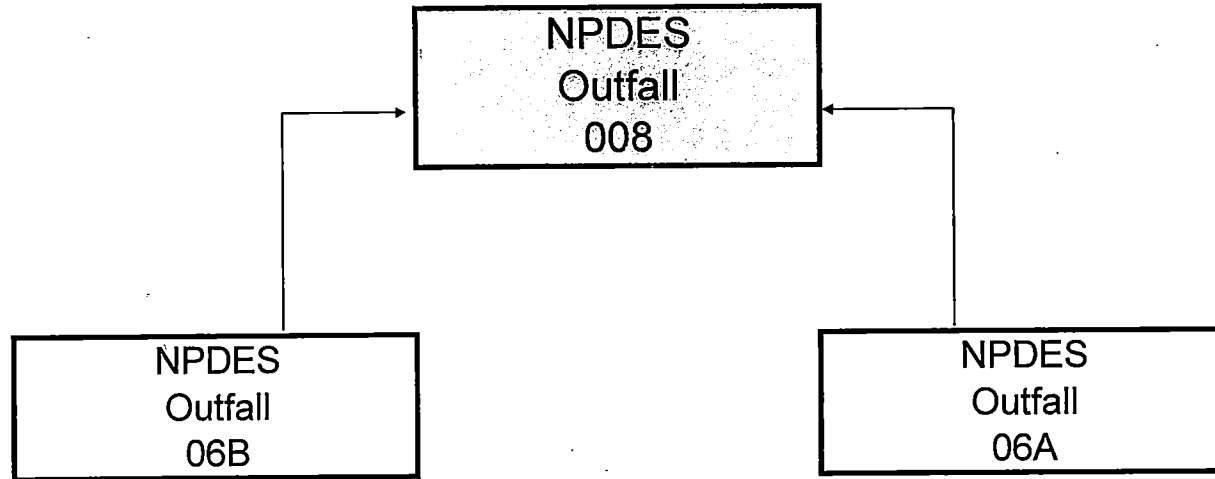
PLANT STARTUP WASTE HOLDING BASIN

Outfall 008 is discharged into the combined Outfall 014 and carried to the Monticello Reservoir Discharge Canal Zone. Outfall 008 is located in the field lagoon area on the west side of the access road into V.C. Summer Nuclear Station. This area is approximately 300 yards southeast of the Nuclear Plant and is located approximately 75 yards off Bradham Boulevard.

The Plant Startup Waste Holding Basin is a sedimentation basin for retention of wastewater generated primarily by chemical cleaning of various equipment, piping, etc. Chemical cleaning evolutions occur on an infrequent basis and are implemented for purposes of removing rust, scale, debris and biomass.

Biomass removal is necessary to control such organisms as bacteria which cause microbiologically influenced corrosion, and Asiatic Clams which infect nonbiologically treated systems at VCSNS. The Plant Startup Waste Holding Basin is also used as an alternate alum sludge basin. Treatment consists of sedimentation for reduction of suspended solids content prior to the effluent being combined with the effluents from Outfalls 005, 006A and 006B (forming Outfall 014) for releases to Monticello Reservoir via the Circulating Water Discharge Canal.

Outfall 008 is discharged only on an intermittent basis and has had no discharge since October 26, 2009.

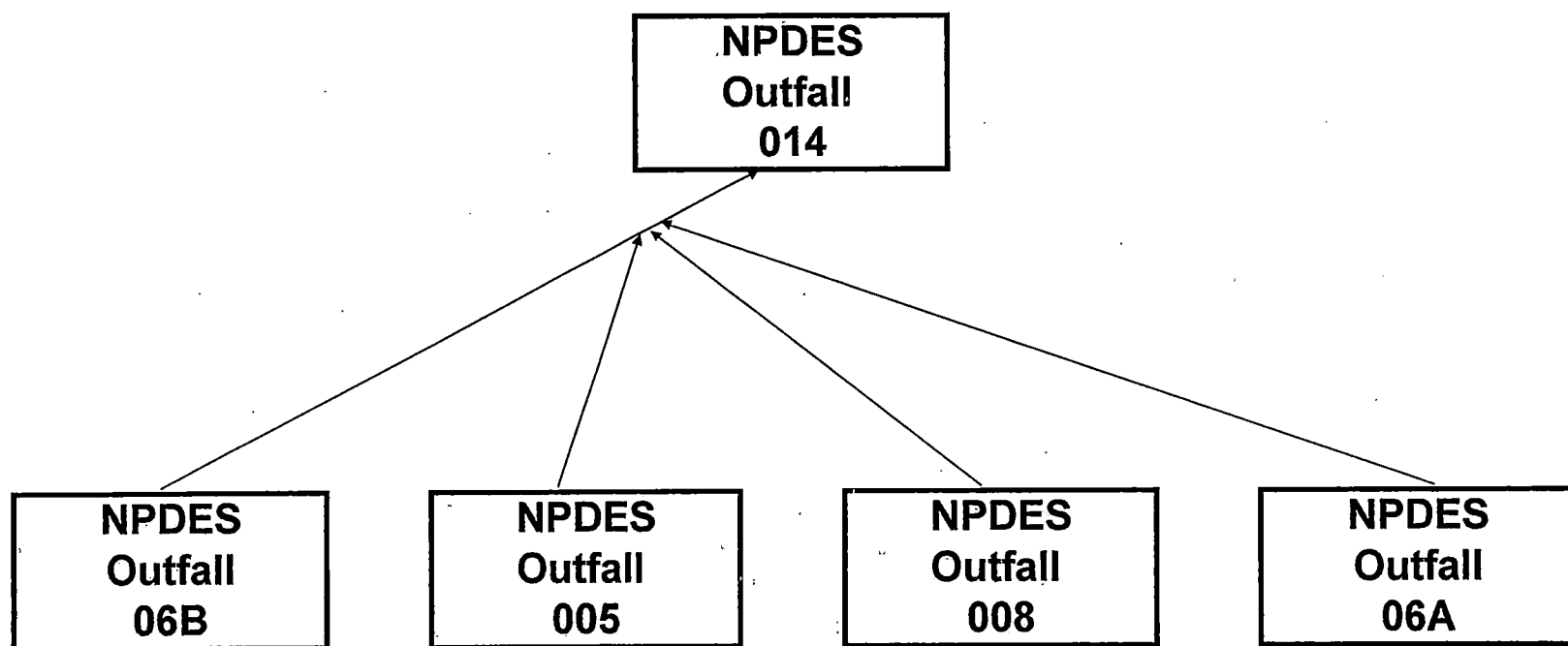


OUTFALL 014

COMBINED DISCHARGE PIPE EFFLUENT

Outfall 014 is discharged into the Monticello Reservoir Canal Zone. It is located approximately 30 yards east/southeast of the access road into V.C. Summer Nuclear Station. The discharge piping is approximately 1 foot above the 425' full level of Monticello Reservoir.

This outfall represents the combined internal outfalls 005, 006A, 006B and 008. It consists of sanitary sewerage and low volume wastes. It discharges into Monticello Reservoir via the Circulating Water Discharge Canal.



SLUDGE DISPOSAL PROCEDURE



BUREAU OF WATER
SLUDGE DISPOSAL SUPPLEMENT FOR NPDES AND ND PERMIT APPLICATIONS

Facility Name: V. C. Summer Nuclear Station

Permit Number: SC00 30856 (leave blank for a new facility)

or ND00 _____

Please check your proposed or current sludge disposal procedure:

I. Existing Facilities:

- ☐ Lagoon or other facility with no routine sludge disposal. Please attach a letter that addresses the approximate schedule for sludge removal and address the anticipated disposal method (note that the proposed sludge disposal method must be approved by the Department prior to initiation).
- ☒ Sludge disposal at another wastewater treatment facility. Attached is a recent letter of acceptance dated 08/14/2012. This letter must include the NPDES or ND number of the treatment facility accepting the sludge for disposal. If no previous SCDHEC approval has been granted on the disposal method, then please include a detailed report on the existing sludge disposal method. See the attached requirements for Sludge Disposal Report A. If a previous SCDHEC approval has been granted, then include a recent analysis that shows the non-hazardous nature of the sludge or a signed statement that the sludge characteristics have not changes since the last analysis.
- ☐ Sludge disposal at a landfill. If the landfill is SWAIP (special waste) approved, an recent acceptance letter from the landfill is acceptable. If the landfill is not SWAIP approved, attached is SCDHEC Solid and Hazardous Waste approval dated _____, or other SCDHEC approval dated _____. If no previous approval has been granted on the disposal method, then please include a detailed report on the existing sludge disposal method. See the attached requirements for Sludge Disposal Report B.
- ☒ Sludge disposal by Beneficial Use of Sludge. Attached is SCDHEC approval letter or program approval dated 08/01/14. If no previous approval has been granted on the disposal method, then please include a detailed report on the existing sludge disposal method. See the attached requirements for Sludge Disposal Report C.

II. Proposed Facilities:

- ☐ Lagoon or other facility with no routine sludge disposal. Please attach a letter that addresses the approximate schedule for sludge removal and address the anticipated disposal method (note that the proposed sludge disposal method must be approved by the Department prior to initiation).
- ☐ Sludge disposal at another wastewater treatment facility. Please include a detailed report on the proposed sludge disposal method. See the attached requirements for Sludge Disposal Report A.
- ☐ Sludge disposal at a landfill. Please include a detailed report on the proposed sludge disposal method. See the attached requirements for Sludge Disposal Report B.
- ☐ Sludge disposal by Beneficial Use. Please include a detailed report on the proposed sludge disposal method. See the attached requirements for Sludge Disposal Report C.

Send this form and the appropriate disposal report (if applicable) with your NPDES or ND permit application.

ALSO SEE ATTACHED INSTRUCTIONS

**Sludge Disposal Summary
V. C. Summer Nuclear Station
NPDES Permit No. SC0030856**

006A Alum Sludge Disposal

The approval to dispose of alum sludge from Outfall 006A was granted in the issuance of NPDES Permit No. SC0030856 with an effective date of June 1, 2014. Refer to NPDES Permit No. SC0030856 Part V.D.2.

The alum sludge lagoon was desludged in the Fall of 2018. Approval to dispose of sludge will not be required during the next permit period.

Outfall 005 Sludge Disposal

The approval to dispose of sanitary sludge from Outfall 005 was granted in the issuance of NPDES Permit No. SC0030856 with an effective date of June 1, 2014. Refer to NPDES Permit No. SC0030856 Part V.D.1.

Sanitary sludge from Outfall 005 will not required during the next permit period.



EMBRACE THE GREEN REVOLUTION
GREENWAY DISPOSAL
P.O. Box 3965, Irmo, SC 29063
Phone (803) 749-1751
Fax (803) 749-9919

August 14, 2012

Danny Cook
P&S Construction Co., Inc.
2111 Two Notch Road
Lexington, SC 29072

Re: P&S Construction Co., Inc. Acceptance Letter

Mr. Cook,

Greenway Disposal will accept and dispose of sludge generated by domestic septage plants hauled by P&S Construction Co., Inc. The material is non-hazardous and will be treated in accordance with SCDHEC permit number 19389-IW.

VC Summer Domestic Sewage - **NPDES # SC0030856**
NPDES # SC0038407

Greenway disposal requires all customers to provide their SCDHEC pump and haul permit number at time of disposal.

Sincerely,

Michael D. Cannon

Greenway Disposal
Operations Manager

Cc: Greenway Disposal

PQL LIST

Chemistry Services Standing Instruction

No.	N12-30	Rev.	14
-----	--------	------	----

Subject:	CLEAN WATER ACT MDL VALUES				
Date Issued:	5/23/17	Date Expires:	5/23/22	Laboratory:	Environmental

Approved by:				
	Initiating Supervisor	Date	Manager, Chemistry Services	Date

PARAMETER	METHOD	SM/EPA NUMBER	MDL	DATE PERFORMED
RES. CHLORINE	CP-172	SM 4500-CL G	0.050 PPM	May 2017
OIL & GREASE	CP-188	EPA 1664A Manual	1.1 PPM #, ML = 5.0 PPM^	May 2017

* MDL is 0.01 by scale detection.

MDL must be \leq 1.4 PPM.

^ Minimum level of quantitation (ML), This is the Reporting Limit. Report all values under 5 as \leq 5 PPM.

MIXING ZONE TOXICITY SUPPLEMENT



South Carolina Department of Health
and Environmental Control

NPDES APPLICATION SUPPLEMENT

**Mixing Zone Request
for
Surface Water Discharges**

NPDES #: SC0030856

Facility Name: Virgil C. Summer Nuclear Station

County: Fairfield

Are you requesting a mixing zone for whole effluent toxicity (WET) in accordance with the back of this form?

☒ **No.** No further information is needed. Submit this form. If WET testing is required, a chronic test at 100% will be required, unless the IWC is at least 80%. Proposed IWC _____%

☐ **Yes.** Check one of the boxes below and submit this form with the appropriate information.

☐

Check this block if you are proposing to perform or have performed a mixing zone demonstration to determine the appropriate zone of initial dilution (ZID) and/or mixing zone size. Complete the remainder of this form and submit a mixing zone demonstration plan as described on the back of this form. The Department recommends the demonstration plan be approved prior to implementation of any demonstration work.

☐

Check this block if you are requesting a mixing zone by providing limited information such as a mixing model like CORMIX to determine mixing in accordance with suggested zone of initial dilution (ZID) and/or mixing zone sizes. Complete the remainder of this form, as applicable, and submit the CORMIX Supplement and modeling results (or other model assumptions, inputs and results).

What is the proposed ZID size (in meters)? Length: _____m Width: _____m

What is the proposed acute WET test concentration? _____%

What is the proposed mixing zone size (in meters)? Length: _____m Width: _____m

What is the proposed chronic WET test concentration? _____%

Printed Name: George A. Lippard Firm: VCSNS

Signature: *George A. Lippard* Date: 2/15/19