Dominion Resources Services, Inc.
5000 Dominion Boulevard, Glen Allen, VA 23060
Web Address: www.dom.com

Dominion®

VA DEPARTMENT OF ENVIRONMENTAL QUALITY
NORTHERN
APR 30 2012
REGIONAL OFFICE
WOODBRIDGE, VA

April 26, 2012

BY U.S. MAIL, RETURN RECEIPT REQUESTED

Ms. Susan Mackert
Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

RE: North Anna Power Station: Application for Reissuance of VPDES Permit No. VA0052451

Dear Ms. Mackert:

Please find the revised EPA, Form 2F, page 2 of 3 enclosed.

Should you have any questions and/or require additional information, please contact Gina Kelly of my staff in our Glen Allen, Virginia office at 804-273-3174 or via email at Virginia.R.Kelly@dom.com.

Sincerely,

Cathy C. Taylor
Director, Electric Environmental Services

Enclosure

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
014	1.5 acres	2 acres	024	0.08 acre	9 acres
022	7.1 acres	52 acres	025	30 acres	56 acres
023	0.09 acres	6 acre	026	0 acre	61 acres

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

See Sections 4, 5, and 6 of the SWPPP **in Attachment F**.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
All outfalls	See Sections 4, 5, and 6 of the SWPPP in **Attachment F**.	1-O (Outfall 025) 4-A (all outfalls)

V. Non Stormwater Discharges

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-stormwater discharges, and that all non-stormwater discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name of Official Title *(type or print)*	Signature	Date Signed
Daniel G. Stoddard, Senior VP Nuclear Operations	Dan Stoddard	4/9/2012

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Dry Weather Evaluations were conducted with the Annual Evaluation on the following date 08/20/2008. Outfall 022 was observed to have flow and was sampled and analyzed in October and November, respectively, in 2008. A copy of the documentation can be found at the end of the SWPPP in **Attachment F**.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

None.

 Continued on Page 3

Pamela F. Faggert
Vice President and Chief Environmental Officer

Dominion Resources Services, Inc.
5000 Dominion Boulevard, Glen Allen, Virginia 23060
Phone: 804-273-3467

Dominion®

April 9, 2012

BY U.S. MAIL, RETURN RECEIPT REQUESTED

Ms. Susan Mackert
Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

RE: North Anna Power Station: Application for Reissuance of VPDES Permit No. VA0052451

Dear Ms. Mackert:

I am pleased to submit one original and two compact diskettes of our application for renewal of VPDES Permit No. VA0052451 for the North Anna Power Station. The enclosed application package includes completed application forms, maps, addendum, permit billing information, and public notice authorization.

This application was prepared based on current state requirements and pre-application discussions with the DEQ-Northern Regional Office. The above referenced permit expires on October 24, 2012, and consequently, this application for reissuance must be filed by April 26, 2012.

Should you have any questions and/or require additional information, please contact Gina Kelly of my staff in our Glen Allen, Virginia office at 804-273-3174 or via email at Virginia.R.Kelly@dom.com.

Sincerely,

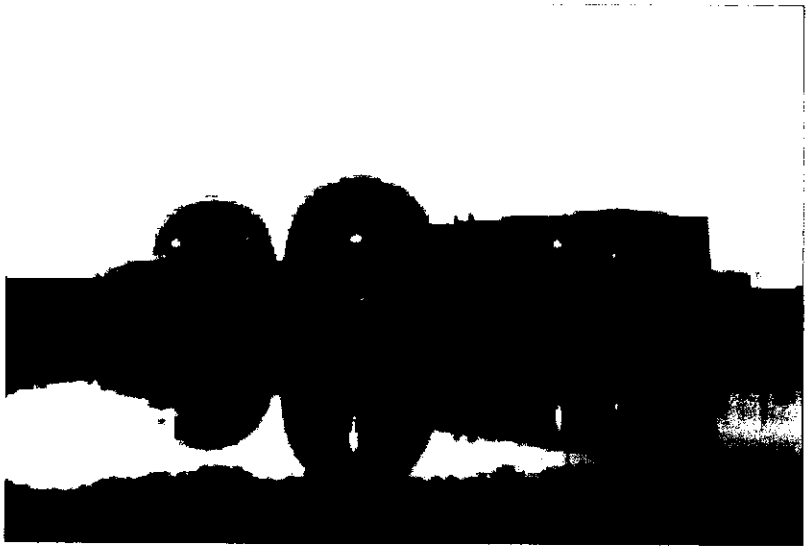
Pamela F. Faggert

Pamela F. Faggert

VA DEPARTMENT OF ENVIRONMENTAL QUALITY
NORTHERN
APR 12 2012
REGIONAL OFFICE
WOODBRIDGE, VA

Enclosure: VPDES Application Package

Dominion - North Anna Power Station
NPDES Permit No. VA0052451
Application for Reissuance



Application Package Contents

EPA Form 1

EPA Form 2C

EPA Form 2A

EPA Form 2F

VPDES Permit Application Addendum

VPDES Sludge Application

Public Notice Authorization

Permit Billing Information

Attachments

Attachment A	Topographic, Aerial and Other Site Maps
Attachment B	Process Line Drawings
Attachment C	Potential Discharges Not Covered by Analysis
Attachment D	Effluent Sampling Documents
Attachment E	Site Drainage Maps
Attachment F	Sections 4, 5, and 6 of the Stormwater Pollution Prevention Plan (SWPPP)
Attachment G	Additional Clean Water Act Requirements for NPDES Permit Applications
Attachment H	Permit Requests
Attachment I	Supplemental Information

EPA Form 1

Please print or type in the unshaded areas only. Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
GENERAL INFORMATION
Consolidated Permits Program
(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

S		T/A	C
F	110001891114		D
1	2 — 13	14	15

LABEL ITEMS	
I. EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE
III. FACILITY NAME	
V. FACILITY MAILING ADDRESS	
VI. FACILITY LOCATION	

GENERAL INSTRUCTIONS

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.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms**.

SPECIFIC QUESTIONS	Mark "X" YES	NO	FORM ATTACHED	SPECIFIC QUESTIONS	Mark "X" YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge** to **waters of the U.S.**? (FORM 2A) Form 2A was included for internal outfall 111 at the request of DEQ.		X	X	B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge** to **waters of the U.S.**? (FORM 2B)		X	
	16	17	18		19	20	21
C. Is this a facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C)	X		X	D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.**? (FORM 2D)		X	
	22	23	24		25	26	27
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3) Form 3 was not included per Form 1 instructions (the appropriate Federal permit has already been obtained).	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
	28	29	30		31	32	33
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
	34	35	36		37	38	39
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	
	40	41	42		43	44	45

III. NAME OF FACILITY

C 1 SKIP: Dominion- North Anna Power Station (15 | 16 – 29 | 30 … 69)

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
C 2 Taylor, Cathy C. - Director Electric Environ'l Services (15 | 16 … 45)	(804) 273-2929 (46 … 48 | 49 … 51 | 52 … 55)

V. FACILTY MAILING ADDRESS

A. STREET OR P.O. BOX

C 3 5000 Dominion Blvd. (15 | 16 … 45)

B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 4 Glen Allen (15 | 16 … 40)	VA (41 | 42)	23060 (47 … 51)

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER

C 5 1022 Haley Drive (15 | 16 … 45)

B. COUNTY NAME

Louisa (46 … 70)

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
C 6 Mineral (15 | 16 … 40)	VA (41 | 42)	23117 (47 … 51)	(52 … 54)

CONTINUED FROM THE FRONT

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

A. FIRST	B. SECOND
7 4911 *(specify)* Electric Services	7 *(specify)*
C. THIRD	**D. FOURTH**
7 *(specify)*	7 *(specify)*

VIII. OPERATOR INFORMATION

A. NAME: 8 Virginia Electric & Power Co.

B. Is the name listed in Item VIII-A also the owner? ☑ YES ☐ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box: if "Other," specify.)*

F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC *(other than federal or state)*
O = OTHER *(specify)*

P *(specify)*

D. PHONE *(area code & no.)*: A (804) 273-2929

E. STREET OR P.O. BOX: 5000 Dominion Blvd.

F. CITY OR TOWN: B Glen Allen

G. STATE: VA

H. ZIP CODE: 23060

IX. INDIAN LAND

Is the facility located on Indian lands? ☐ YES ☑ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*	9 N	VA0052451;VAR10-10-101574	
D. PSD *(Air Emissions from Proposed Sources)*	9 P		
B. UIC *(Underground Injection of Fluids)*	9 U		
E. OTHER *(specify)*	9	51-109-00025	*(specify)* FESOP
C. RCRA *(Hazardous Wastes)*	9 R	VAD065376279	
E. OTHER *(specify)*	9	VWP10-1496	*(specify)* State water withdrawal permit (for construction activities)

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. See Attachment A.

XII. NATURE OF BUSINESS *(provide a brief description)*

Generation of electricity with steam produced by the fission of nuclear materials.

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
Daniel G. Stoddard - Senior VP Nuclear Operations	Dan Stoddard	4/9/12

COMMENTS FOR OFFICIAL USE ONLY

C

EPA Form 2C

Please type or print in the unshaded areas only

EPA ID Number *(Copy from Item 1 of Form 1)*
110001891114

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

Form **2C** NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICUTLRAL OPERATIONS
Consolidated Permits Program

I. Outfall Location

For this outfall, list the latitude and longitude of its location to the nearest 15 seconds and name of the receiving water.

Outfall Number *(list)*	Latitude			Longitude			Receiving Water *(name)*
	Deg	Min	Sec	Deg	Min	Sec	
001	38	00	30.2	-77	43	43	Lake Anna
101	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
103	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
104	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
105	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
107	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
108	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
109	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
110	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
111	38	03	46	-77	47	13.4	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
112	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
113	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
114	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
115	38	03	5.8	-77	47	3.1	Discharge Canal to Waste Heat Treatment Facility to Lake Anna
009	38	03	43.6	-77	47	31	Lake Anna
013	38	03	43.6	-77	47	24.4	Lake Anna
016	38	03	43.6	-77	47	24.4	Lake Anna
020	38	03	43.6	-77	47	24.4	Lake Anna
021	38	03	43.6	-77	47	24.4	Lake Anna

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 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. **See Attachment B.**

B. For each outfall, provide a description of (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and stormwater 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 Number	2. Operations Contributing Flow		3. Treatment		
	a. OPERATION *(list)*	b. AVERAGE FLOW	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Discharges from the Waste Heat Treatment Facility (WHTF), which includes internal outfalls, at Dike 3	2335.8 MGD	Discharge to Lake Anna	4-A	
101	Condenser cooling water	1838.8 MGD	Discharge to discharge canal	1-O	
103	Process wastewater clarifier, including flow from the liquid radioactive waste management system Steam generator blowdown Package boiler blowdown Mat sump system Ion exchange waste Sevice water system high capacity blowdown (intermittent)	0.312 MGD	Ion exchange; discharge to discharge canal	2-J	1-O
104	Turbine building sumps 1, 2, &3 Storm water Fire water system line drains Misc. discharges of purified or raw lake water from various infrequent plant maintenance activities Chiller water Service water Condensate Storage Tanks AST Containment Sump Demineralizer Sump Plant condensers Bearing cooling water Temporary package boiler blowdown	0.288 MGD	O/W separator; discharge to discharge canal Neutralization	1-H 2-K	1-O
105	Bearing cooling tower blowdown - Continuous blowdown - Lake to lake operation (intermittent)	0.084 MGD	Discharge to discharge canal	1-O	
107	Bearing cooling tower blowdown - Continuous blowdown - Lake to lake operation (intermittent) Strainer blowdown	Intermittent (has not discharge during 2008-2010 time period)	Discharge to discharge canal	1-O	
108	Service water overboard Batch blowdown overflow Straight-through cooling water Header maintenance	Intermittent (0.15 MGD for the 2008-2010 time period)	Discharge to discharge canal	1-O	
109	Hot well drain – Unit 1 Secondary system condenstate	Intermittent (1.152 MGD for the 2008-2010 time period)	Discharge to discharge canal	1-O	
110	Hot well drain – Unit 2 Secondary system condenstate	Intermittent (0.137 MGD for the 2008-2010 time period)	Discharge to discharge canal	1-O	
111	Unit 1 & 2 STP	0.03 MGD design daily avg flow 0.0058 MGD daily avg flow	See EPA Form 2A; Discharge to discharge canal	1-T, 1-L, XX, 3-A, 5-A, 1-U, 2-F	1-O
112	Steam generator blowdown – Unit 1	0.204 MGD	Discharge to discharge canal	1-O	
113	Steam generator blowdown – Unit 2	0.204 MGD	Discharge to discharge canal	1-O	
114	Service water tie-on vault drain	Intermittent (0.0002 MGD for the 2008-2010 time period)	Discharge to discharge canal	1-O	
115	Service water system high capacity blowdown	Intermittent (has not discharge during 2008-2010 time period)	Discharge to discharge canal	1-O	
009	Settling pond: Groundwater; storm water; RO unit backwash; Bearing cooling tower water during maintenance activities; Ionics emergency shower wash post neutralization in holding tank	0.576 MGD	Sedimentation; Discharge to Lake Anna	1-U, 4-A	

013	Turbine building sumps #1 and #2 Stormwater Plant condensers Bearing cooling water Misc. discharges of purified or raw lake water from various infrequent plant maintenance activities	Intermittent (0.324 MGD for the 2008-2010 time period)	Discharge to Lake Anna	4-A	
016	Intake screen wash water	3.744 MGD	Discharge to Lake Anna	4-A	
020	Reverse Osmosis (RO) reject	0.216 MGD	Discharge to Lake Anna	4-A	
021	RO drain line	Intermittent (has not discharge during 2008-2010 time period)	Discharge to Lake Anna	4-A	

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?

X **YES** *(complete the following table)* ☐ **NO** *(go to Section III)*

1. OUTFALL NUMBER (list)	2. OPERATION(s) CONTRIBUTING FLOW *(list)*	3. FREQUENCY a. DAYS PER WEEK *(specify average)*	3. FREQUENCY b. MONTHS PER YEAR *(specify average)*	4. FLOW a. FLOW RATE *(in mgd)* 1. LONG TERM AVERAGE	4. FLOW a. FLOW RATE *(in mgd)* 2. MAXIMUM DAILY	4. FLOW b. TOTAL VOLUME *(specify with units* 1. LONG TERM AVERAGE	4. FLOW b. TOTAL VOLUME *(specify with units* 2. MAXIMUM DAILY	4. FLOW c. DURATION *(in days)*
107	Bearing cooling tower blowdown - Continuous blowdown - Lake to lake operation (intermittent) Strainer blowdown	Varies	Varies	No discharge during 2008-2010 time period				n/a
108	Service water overboard Batch blowdown overflow Straight-through cooling water Header maintenance	Varies	Varies	0.15 MGD	0.15 MGD	0.15 MG	0.15 MG	1
109	Hot well drain – Unit 1 Secondary system condenstate	1/ outage	1/ 18 months	1.152 MGD	1.152 MGD	1.152 MG	1.152 MG	1
110	Hot well drain – Unit 2 Secondary system condenstate	1/ outage	1/ 18 months	0.137 MGD	0.137 MGD	0.137 MGD	0.137 MGD	1
114	Service water tie-in vault drain	Varies	Varies	0.0002 MGD	0.0002 MGD	0.0002 MG	0.0002 MG	1
115	Service water system high capacity blowdown	Varies	Varies	No discharge during 2008-2010 time period				n/a
013	Turbine building sumps #1 and #2; stormwater	Varies	Varies	0.324 MGD	0.324 MGD	0.324 MG	0.324 MG	1
021	RO drain line	Varies	Varies	No discharge during 2008-2010 time period				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?

X **YES** *(complete Item III-B)* ☐ **NO** *(go to Section IV)*

B. Are the limitations in the applicable effluent guideline expressed in terms of production *(or other measure of operation)*?

☐ **YES** *(complete Item III-C)* X **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 a. QUANTITY PER DAY	b. UNITS OF MEASURE	c. OPERATION, PRODUCT, MATERIAL, ETC. *(specify)*	2. AFFECTED OUTFALLS *(list outfall numbers)*
N/A			

IV. IMPROVEMENTS

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading, or operation 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.

☐ **YES** *(complete the following table)* X **NO** *(go to Item IV-B)*

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS a. No	2. AFFECTED OUTFALLS b. SOURCE OF DISCHARGE	3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE a. REQUIRED	4. FINAL COMPLIANCE DATE b. PROJECTED
N/A					

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs *(or other environmental projects which may affect your discharges)* you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

☐ **MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAM IS ATTACHED**

EPA ID Number *(Copy from Item 1 of Form 1)*
110001891114

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 number V-1 through V-9.

D: Use the space below to list any of the pollutants listed in Tables 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
No 2C-3 pollutants are known or believed to be discharged from any outfall.			

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?

X **YES** *(list all such pollutants below)* ☐ **NO** *(go to Item VI-B)*

As radioactive releases at this facility are regulated by the Nuclear Regulatory Commission (NRC), they have not been listed here. See **Attachment C** for a list of other potential discharges not covered by analysis.

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?

X **YES** *(identify the test(s) and describe their purpose below)* ☐ **NO** *(go to Section VIII)*

Toxicity testing and reporting have been conducted in accordance with the requirements of Part I.C.1 of the VPDES permit. For outfall 001, the permit requires chronic 3-brood static renewal survival and reproduction tests with *Ceriodaphnia dubia* and chronic 7-day static renewal survival and growth tests with *Pimephales promelas*. A summary of the test results from 2008 – 2011 are below.

Year	*C. dubia*		*P. promelas*	
	NOEC Survival	NOEC Reproduction	NOEC Survival	NOEC Growth
April 2008	100%	100%	100%	100%
April 2009	100%	100%	100%	100%
April 2010	100%	100%	100%	25%
Ocotber 2010 (1)	-	-	100%	50%
Ocotber 2010 (2)	-	-	100%	100%
April 2011	100%	100%	100%	100%

(1) Using Syntheic Freshwater
(2) Using softened Synthetic Freshwater

VIII. CONTRACT ANALYSIS INFORMATION

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

X **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)*
Primary Laboratories Inc.	7423 Lee Davis Rd., Mechanicsville, VA 23111	(804) 559-9004	See **Attachment D**
Pace Analytical	1638 Roseytown Rd., Greensburg, PA 15601	(724) 850-5600	See **Attachment D**
		( )	
		( )	
		( )	
		( )	

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.)*
Daniel G. Stoddard, Senior VP Nuclear Operations	**(804) 273-4390**
C. SIGNATURE Dan Stoddard	D. DATE SIGNED 4/9/12

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)
110001891114

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

OUTFALL NO. 001

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	< 3.0	< 34664.5	--	--	--	--	1	mg/L	kg/d	4.1	--	1
b. Chemical Oxygen Demand *(COD)*	9.36	108153	--	--	--	--	1	mg/L	kg/d	7.31	--	1
c. Total Organic Carbon *(TOC)*	3.7	42752.9	--	--	--	--	1	mg/L	kg/d	3.7	--	1
d. Total Suspended Solids *(TSS)*	2.4	27731.6	--	--	1.9	21954.211	2	mg/L	kg/d	2.7	--	1
e. Ammonia *(as N)*	0.04	462.194	--	--	0.03	346.64544	5	mg/L	kg/d	0.05	--	1
f. Flow	VALUE 3052.8		VALUE 3012.5		VALUE 2335.8		156	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE 23.7		VALUE 20.1		VALUE --		77	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE 34.2		VALUE 33.4		VALUE --		79	°C		VALUE --		-- --
i. pH	8.37	--	7.27	--			156	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. 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	23109.7	--	--	--	--	1	mg/L	kg/d	4.9	--	1
b. Chlorine, Total Residual	X		< 0.1	< 1155.48	--	--	--	--	36	mg/L	kg/d	< 0.1	--	1
c. Color	X		18	--	--	--	--	--	1	NTU	--	8	--	1
d. Fecal Coliform	No sample - parameter waived for this outfall by DEQ.													
e. Fluoride (16984-48-8)	X		0.069	797.285	--	--	--	--	1	mg/L	kg/d	0.073	--	1
f. Nitrate - Nitrite *(as N)*	X		0.03	346.645	--	--	--	--	1	mg/L	kg/d	0.03	--	1

ITEM V-B CONTINUED

OUTFALL NO. 001

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS *(specify if blank)* a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVG. VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVG. VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic *(as N)*	X		0.3	3466.45	--	--	--	--	1	mg/L	kg/d	<0.25	--	1
h. Oil & Grease	X		< 5	< 57774.2	--	--	--	--	1	mg/L	kg/d	<5	--	1
i. Phosphorus (as P), Total (7723-14-0)	X		< 0.05	< 577.742	--	--	--	--	1	mg/L	kg/d	<0.05	--	1
j. Radioactivity														
(1) Alpha	X		< 2.08	--	--	--	< 2.08	--	5	pCi/L	--	<1.610	--	1
(2) Beta	X		2.93	--	--	--	1.71	--	5	pCi/L	--	2.79	--	1
(3) Radium, Total		X		0	--	--	--	--	0	pCi/L	--	--	--	--
(4) Radium 226, Total		X		0	--	--	--	--	0	pCi/L	--	--	--	--
k. Sulfate *(as SO_4)* (14808-79-8)	X		6.12	70715.7	--	--	--	--	1	mg/L	kg/d	6.19	--	1
l. Sulfide *(as S)*	X		0.08	924.388	--	--	--	--	1	mg/L	kg/d	< 0.05	--	1
m. Sulfite (as SO_3) (14265-45-3)		X		0	--	--	--	--	0	mg/L	kg/d	--	--	--
n. Surfactants	X		< 0.01	< 115.548	--	--	--	--	1	mg/L	kg/d	< 0.01	--	1
o. Aluminum, Total (7429-90-5)	X		0.11	1271.03	--	--	--	--	1	mg/L	kg/d	0.36	--	1
p. Barium Total (7440-39-3)	X		0.019	219.542	--	--	--	--	1	mg/L	kg/d	0.019	--	1
q. Boron, Total (7440-42-8)	X		0.04	462.194	--	--	--	--	1	mg/L	kg/d	0.07	--	1
r. Cobalt, Total (7440-48-4)	X		< 0.0006	< 6.93291	--	--	--	--	1	mg/L	kg/d	<0.0006	--	1
s. Iron, Total (7439-89-6)	X		0.06	693.291	--	--	--	--	1	mg/L	kg/d	0.39	--	1
t. Magnesium, Total (7439-95-4)	X		2.5	28887.1	--	--	--	--	1	mg/L	kg/d	2.39	--	1
u. Molybdenum, Total (7439-98-7)	X		0.006	69.3291	--	--	--	--	1	mg/L	kg/d	0.007	--	1
v. Manganese, Total (7439-96-5)	X		0.06	693.291	--	--	--	--	1	mg/L	kg/d	0.1	--	1
w. Tin, Total (7440-31-5)	X		< 0.005	< 57.7742	--	--	--	--	1	mg/L	kg/d	<0.005	--	1
x. Titanium, Total (7440-32-6)	X		< 0.0002	< 2.31097	--	--	--	--	1	mg/L	kg/d	<0.002	--	1

EPA I.D. NUMBER (copy from Item 1 of Form 1)	110001891114	OUTFALL NO. 001

CONTINUED FROM PAGE V-2

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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X	X		< 0.001	< 11.554848	--	--	< 0.001	< 11.55485	5	mg/L	kg/d	< 0.001	--	2
2M. Arsenic, Total (7440-38-2	X	X		< 0.003	< 34.664544	--	--	< 0.003	< 34.66454	5	mg/L	kg/d	< 0.003	--	2
3M. Beryllium, Total (7440-41-7)	X	X		< 0.0002	< 2.3109696	--	--	--	--	1	mg/L	kg/d	< 0.0002	--	1
4M. Cadmium, Total (7440-43-9)	X	X		< 0.0003	< 3.4664544	--	--	< 0.0003	< 3.466454	5	mg/L	kg/d	< 0.0003	--	2
5M. Chromium, Total (7440-47-3)	X	X		< 0.001	< 11.554848	--	--	< 0.001	< 11.55485	5	mg/L	kg/d	< 0.001	--	2
6M. Copper, Total (7440-50-8)	X	X		0.005	57.77424	--	--	0.0025	28.88712	5	mg/L	kg/d	0.0015	--	2
7M. Lead, Total (7439-92-1)	X	X		< 0.001	< 11.554848	--	--	< 0.001	< 11.55485	5	mg/L	kg/d	< 0.001	--	2
8M. Mercury, Total (7439-97-6)	X	X		< 0.0002	< 2.3109696	--	--	< 0.0002	< 2.31097	5	mg/L	kg/d	< 0.0002	--	2
9M. Nickel, Total (7440-02-0)	X	X		< 0.005	< 57.77424	--	--	< 0.005	< 57.77424	5	mg/L	kg/d	< 0.005	--	2
10M. Selenium, Total (7782-49-2)	X	X		< 0.003	< 34.664544	--	--	< 0.003	< 34.66454	5	mg/L	kg/d	< 0.003	--	2
11M. Silver, Total (7440-22-4	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	2
12M. Thallium, Total (7440-28-0)	X	X		< 0.0002	< 2.3109696	--	--	< 0.0002	< 2.31097	5	mg/L	kg/d	< 0.0002	--	2
13M. Zinc, Total (7440-66-6)	X	X		0.026	< 300.426048	--	--	0.0102	117.8594	5	mg/L	kg/d	< 0.01	--	2
14M. Cyanide, Total (57-12-5)	X	X		< 0.01	< 115.54848	--	--	< 0.01	< 115.5485	5	mg/L	kg/d	< 0.01	--	1
15M. Phenols, Total	X	X		0.08	924.38784	--	--	--	--	1	mg/L	kg/d	< 0.01	--	1
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			x	DESCRIBE RESULTS	No Sample										

CONTINUED FROM PAGE V-3

OUTFALL NO. 001

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X	X		< 0.1	< 1155.485	--	--	< 0.0325	< 375.53256	4	mg/L	kg/d	< 0.01	--	1
2V. Acrylonitrile (107-13-1)	X	X		< 0.1	< 1155.485	--	--	< 0.026125	< 301.8704	4	mg/L	kg/d	< 0.0015	--	1
3V. Benzene (71-43-2)	X	X		< 0.0044	< 50.84133	--	--	< 0.0044	< 50.841331	4	mg/L	kg/d	< 0.0044	--	1
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0			--	--	--
5V. Bromoform (75-25-2)	X	X		< 1.4	16176.79	--	--	< 1.4	< 16176.787	5	mg/L	kg/d	< 0.0047	--	1
6V. Carbon Tetrachloride (56-23-5)	X	X		< 0.0028	< 32.35357	--	--	< 0.0028	< 32.353574	4	mg/L	kg/d	< 0.0028	--	1
7V. Chlorobenzene (108-90-7)	X	X		< 0.006	< 69.32909	--	--	< 0.006	< 69.329088	4	mg/L	kg/d	< 0.006	--	1
8V. Chlorodibromomethane (124-48-1)	X	X		< 0.0031	< 35.82003	--	--	< 0.0031	< 35.820029	4	mg/L	kg/d	< 0.0031	--	1
9V. Chloroethane (75-00-3)	X	X		< 0.01	< 115.5485	--	--	< 0.01	< 115.54848	4	mg/L	kg/d	< 0.0011	--	1
10V. 2-Chloroethylvinyl Ether (110-75-8)	X	X		< 0.01	< 115.5485	--	--	< 0.01	< 115.54848	4	mg/L	kg/d	< 0.0012	--	1
11V. Chloroform (67-66-3)	X	X		< 0.0016	< 18.48776	--	--	< 0.0016	< 18.487757	4	mg/L	kg/d	< 0.0016	--	1
12V. Dichlorobromomethane (75-27-4)	X	X		< 0.0022	< 25.42067	--	--	< 0.0022	< 25.420666	4	mg/L	kg/d	< 0.0022	--	1
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0			--	--	--
14V. 1,1-Dichloroethane (75-34-3)	X	X		< 0.0047	< 54.30779	--	--	< 0.0047	< 54.307786	4	mg/L	kg/d	< 0.0047	--	1
15V. 1,2-Dichloroethane (107-06-2)	X	X		< 0.0028	< 32.35357	--	--	< 0.0028	< 32.353574	4	mg/L	kg/d	< 0.0028	--	1
16V. 1,1-Dichloroethylene (75-35-4)	X	X		< 0.0028	< 32.35357	--	--	< 0.0028	< 32.353574	4	mg/L	kg/d	< 0.0028	--	1
17V. 1,2-Dichloropropane (78-87-5)	X	X		< 0.006	< 69.32909	--	--	< 0.006	< 69.329088	4	mg/L	kg/d	< 0.006	--	1
18V. 1,3-Dichloropropylene (542-75-6)	X	X		< 0.006	< 68.1736	--	--	< 0.0059	< 68.173603	4	mg/L	kg/d	< 0.0059	--	1
19V. Ethylbenzene (100-41-4)	X	X		< 0.0072	< 83.19491	--	--	< 0.0072	< 83.194906	4	mg/L	kg/d	< 0.0072	--	1
20V. Methyl Bromide (74-83-9)	X	X		< 0.01	< 115.5485	--	--	< 0.01	< 115.54848	4	mg/L	kg/d	< 0.0014	--	1
21V. Methyl Chloride (74-87-3)	X	X		< 0.005	< 57.77424	--	--	< 0.005	< 57.77424	4	mg/L	kg/d	< 0.0011	--	1

CONTINUED FROM PAGE V-4

OUTFALL NO. 001

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X	X		< 0.0028	< 32.353574	--	--	< 0.0028	< 32.3535744	4	mg/L	kg/d	< 0.0028	--	1
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X	X		< 0.0069	< 79.728451	--	--	< 0.0069	< 79.7284512	4	mg/L	kg/d	< 0.0069	--	1
24V. Tetrachloroethylene (127-18-4)	X	X		< 0.0041	< 47.374877	--	--	< 0.0041	< 47.3748768	4	mg/L	kg/d	< 0.0041	--	1
25V. Toluene (108-88-3)	X	X		< 0.006	< 69.329088	--	--	< 0.006	< 69.329088	4	mg/L	kg/d	< 0.006	--	1
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X	X		< 0.0016	< 18.487757	--	--	< 0.0016	< 18.4877568	4	mg/L	kg/d	< 0.0016	--	1
27V. 1,1,1-Trichloroethane (71-55-6)	X	X		< 0.0038	< 43.908422	--	--	< 0.0038	< 43.9084224	4	mg/L	kg/d	< 0.0038	--	1
28V. 1,1,2-Trichloroethane (79-00-5)	X	X		< 0.005	< 57.77424	--	--	< 0.005	< 57.77424	4	mg/L	kg/d	< 0.005	--	1
29V Trichloroethylene (79-01-6)	X	X		< 0.0019	< 21.954211	--	--	< 0.0019	< 21.9542112	4	mg/L	kg/d	< 0.0019	--	1
30V. Trichlorofluoromethane (75-69-4)	X	X		< 0.01	< 115.54848	--	--	< 0.01	< 115.54848	4	mg/L	kg/d	< 0.0023		1
31V. Vinyl Chloride (75-01-4)	X	X		< 0.01	< 115.54848	--	--	< 0.01	< 115.54848	4	mg/L	kg/d	< 0.0018	--	1
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X	X		< 0.0033	< 38.130998	--	--	< 0.0033	< 38.1309984	4	mg/L	kg/d	< 0.0033	--	1
2A. 2,4-Dichlorophenol (120-83-2)	X	X		< 0.0056	< 64.707149	--	--	< 0.0056	< 64.7071488	4	mg/L	kg/d	< 0.0056	--	1
3A. 2,4-Dimethylphenol (105-67-9)	X	X		< 0.0052	< 60.08521	--	--	< 0.0052	< 60.0852096	4	mg/L	kg/d	< 0.0052	--	1
4A. 4,6-Dinitro-OCresol (534-52-1)	X	X		< 0.024	277.31635	--	--	< 0.024	277.316352	4	mg/L	kg/d	< 0.024	--	1
5A. 2,4-Dinitrophenol (51-28-5)	X	X		< 0.042	< 485.30362	--	--	< 0.042	< 485.303616	4	mg/L	kg/d	< 0.042	--	1
6A. 2-Nitrophenol (88-75-5)	X	X		< 0.0036	< 41.597453	--	--	< 0.0036	< 41.5974528	4	mg/L	kg/d	< 0.0036	--	1
7A. 4-Nitrophenol (100-02-7)	X	X		< 0.0024	< 27.731635	--	--	< 0.0024	< 27.7316352	4	mg/L	kg/d	< 0.0024	--	1
8A. P-Chloro-MCresol (59-50-7)	X	X		< 0.0075	< 86.66136	--	--	< 0.0075	< 86.66136	4	mg/L	kg/d	< 0.0075	--	1
9A. Pentachlorophenol (87-86-5	X	X		< 0.0036	< 41.597453	--	--	< 0.0036	< 41.5974528	4	mg/L	kg/d	< 0.0036	--	1
10A. Phenol (108-95-2)	X	X		< 0.0027	< 31.19809	--	--	< 0.0027	< 31.1980896	4	mg/L	kg/d	< 0.0027	--	1
11A. 2,4,6-Trichlorophenol (88-05-2)	X	X		< 0.0027	< 31.19809	--	--	< 0.0027	< 31.1980896	4	mg/L	kg/d	< 0.0027	--	1

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OUTFALL NO. 001

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GS/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X	X		< 0.003	< 34.6645	--	--	< 0.003	< 34.664544	4	mg/L	kg/d	< 0.003	--	1
2B. Acenaphtylene (208-96-8)	X	X		< 0.0035	< 40.442	--	--	< 0.0035	< 40.441968	4	mg/L	kg/d	< 0.0035	--	1
3B. Anthracene (120-12-7)	X	X		< 0.0019	< 21.9542	--	--	< 0.0019	< 21.9542112	4	mg/L	kg/d	< 0.0019	--	1
4B. Benzidine (92-87-5)	X	X		< 0.063	< 727.955	--	--	< 0.063	< 727.955424	4	mg/L	kg/d	< 0.063	--	1
5B. Benzo (a) Anthracene (56-55-3)	X	X		< 0.0078	< 90.1278	--	--	< 0.0078	< 90.1278144	4	mg/L	kg/d	< 0.0078	--	1
6B. Benzo (a) Pyrene (50-32-8)	X	X		< 0.0025	< 28.8871	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
7B. 3,4-Benzofluoranthene (205-99-2)	X	X		< 0.0048	< 55.4633	--	--	< 0.0048	< 55.4632704	4	mg/L	kg/d	< 0.0048	--	1
8B. Benzo (ghi) Perylene (191-24-2)	X	X		< 0.0041	< 47.3749	--	--	< 0.0041	< 47.3748768	4	mg/L	kg/d	< 0.0041	--	1
9B. Benzo (k) Fluoranthene (207-08-9)	X	X		< 0.0025	< 28.8871	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X	X		< 0.0053	< 61.2407	--	--	< 0.0053	< 61.2406944	4	mg/L	kg/d	< 0.0053	--	1
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X	X		< 0.0057	< 65.8626	--	--	< 0.0057	< 65.8626336	4	mg/L	kg/d	< 0.0057	--	1
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X	X		< 0.0057	< 65.8626	--	--	< 0.0057	< 65.8626336	4	mg/L	kg/d	< 0.0057	--	1
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X	X		< 0.0025	< 28.8871	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
14B. 4-BromophenylPhenyl Ether (101-55-3)	X	X		< 0.003	< 34.6645	--	--	< 0.003	< 34.664544	4	mg/L	kg/d	< 0.003	--	1
15B. Butyl Benzyl Phthalate (85-68-7)	X	X		< 0.0025	< 28.8871	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
16B. 2-Chloronaphthalene (91-58-7)	X	X		< 0.0046	< 53.1523	--	--	< 0.0046	< 53.1523008	4	mg/L	kg/d	< 0.0046	--	1
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X	X		< 0.0042	< 48.5304	--	--	< 0.0042	< 48.5303616	4	mg/L	kg/d	< 0.0042	--	1
18B. Chrysene (218-01-9)	X	X		< 0.0025	< 28.8871	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
19B. Dibenzo (a,h) Anthracene (53-70-3)	X	X		< 0.0025	< 28.8871	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
20B. 1,2-Dichlorobenzene (95-50-1)	X	X		< 0.005	< 57.7742	--	--	< 0.005	< 57.77424	4	mg/L	kg/d	< 0.005	--	1
21B. 1,3-Di-chlorobenzene (541-73-1)	X	X		< 0.005	< 57.7742	--	--	< 0.005	< 57.77424	4	mg/L	kg/d	< 0.005	--	1

CONTINUED FROM PAGE V-6

OUTFALL NO. 001

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GS/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X	X		< 0.005	< 57.77424	--	--	< 0.005	< 57.77424	4	mg/L	kg/d	< 0.005	--	1
23B. 3,3-Dichlorobenzidine (91-94-1)	X	X		< 0.0165	< 190.655	--	--	< 0.0165	< 190.655	4	mg/L	kg/d	< 0.0165	--	1
24B. Diethyl Phthalate (84-66-2)	X	X		< 0.0074	< 85.50588	--	--	< 0.0074	< 85.50588	4	mg/L	kg/d	< 0.0074	--	1
25B. Dimethyl Phthalate (131-11-3)	X	X		< 0.0075	< 86.66136	--	--	< 0.0075	< 86.66136	4	mg/L	kg/d	< 0.0075	--	1
26B. Di-N-Butyl Phthalate (84-74-2)	X	X		< 0.0064	< 73.95103	--	--	< 0.0064	< 73.95103	4	mg/L	kg/d	< 0.0064	--	1
27B. 2,4-Dinitrotoluene (121-14-2)	X	X		< 0.0057	< 65.86263	--	--	< 0.0057	< 65.86263	4	mg/L	kg/d	< 0.0057	--	1
28B. 2,6-Dinitrotoluene (606-20-2)	X	X		< 0.0034	< 39.28648	--	--	< 0.0034	< 39.28648	4	mg/L	kg/d	< 0.0034	--	1
29B. Di-N-Octyl Phthalate (117-84-0)	X	X		< 0.0025	< 28.88712	--	--	< 0.0025	< 28.88712	4	mg/L	kg/d	< 0.0025	--	1
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)	X	X		< 0.0001	< 1.155485	--	--	< 0.0001	< 1.155485	4	mg/L	kg/d	< 0.0088	--	1
31B. Fluoranthene (206-44-0)	X	X		< 0.0022	< 25.42067	--	--	< 0.0022	< 25.42067	4	mg/L	kg/d	< 0.0022	--	1
32B. Fluorene (86-73-7)	X	X		< 0.0022	< 25.42067	--	--	< 0.0022	< 25.42067	4	mg/L	kg/d	< 0.0022	--	1
33B. Hexachlorobenzene (118-74-1)	X	X		< 0.0031	< 35.82003	--	--	< 0.0031	< 35.82003	4	mg/L	kg/d	< 0.0031	--	1
34B. Hexachlorobutadiene (87-68-3)	X	X		< 0.0018	< 20.79873	--	--	< 0.0018	< 20.79873	4	mg/L	kg/d	< 0.0018	--	1
35B. Hexachlorocyclopentadiene (77-47-4)	X	X		< 0.01	< 115.5485	--	--	< 0.01	< 115.5485	4	mg/L	kg/d	< 0.01	--	1
36B Hexachloroethane (67-72-1)	X	X		< 0.0024	< 27.73164	--	--	< 0.0024	< 27.73164	4	mg/L	kg/d	< 0.0024	--	1
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X	X		< 0.0037	< 42.75294	--	--	< 0.0037	< 42.75294	4	mg/L	kg/d	< 0.0037	--	1
38B. Isophorone (78-59-1)	X	X		< 0.0051	< 58.92972	--	--	< 0.0051	< 58.92972	4	mg/L	kg/d	< 0.0051	--	1
39B. Naphthalene (91-20-3)	X	X		< 0.0038	< 43.90842	--	--	< 0.0038	< 43.90842	4	mg/L	kg/d	< 0.0038	--	1
40B. Nitrobenzene (98-95-3)	X	X		< 0.0042	< 48.53036	--	--	< 0.0042	< 48.53036	4	mg/L	kg/d	< 0.0042	--	1
41B. N-Nitrosodimethylamine (62-75-9)	X	X		< 0.0062	< 71.64006	--	--	< 0.0062	< 71.64006	4	mg/L	kg/d	< 0.0062	--	1
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X	X		< 0.0036	< 41.59745	--	--	< 0.0036	< 41.59745	4	mg/L	kg/d	< 0.0036	--	1

CONTINUED FROM PAGE V-7

OUTFALL NO. 001

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GS/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X	X		< 0.0027	< 31.19809	--	--	< 0.0027	< 31.19809	4	mg/L	kg/d	< 0.0027	--	1
44B. Phenanthrene (85-01-8)	X	X		< 0.0054	< 62.396179	--	--	< 0.0054	< 62.39618	4	mg/L	kg/d	< 0.0054	--	1
45B. Pyrene (129-00-0	X	X		< 0.0038	< 43.908422	--	--	< 0.0038	< 43.90842	4	mg/L	kg/d	< 0.0038	--	1
46B. 1,2,4-Trichlorobenzene (120-82-1)	X	X		< 0.0079	< 91.283299	--	--	< 0.0079	< 91.2833	4	mg/L	kg/d	< 0.0079	--	1
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X	X		< 0.00005	< 0.5777424	--	--	< 0.00005	< 0.577742	5	mg/L	kg/d	< 0.00005	--	1
2P. α-BHC (319-84-6)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
3P. β-BHC (319-85-7)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
4P. γ-BHC (58-89-9)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
5P. δ-BHC (319-86-8)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
6P. Chlordane (57-74-9)	X	X		< 0.0002	< 2.3109696	--	--	< 0.0002	< 2.31097	5	mg/L	kg/d	< 0.0002	--	1
7P. 4,4'-DDT (50-29-3)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
8P. 4,4'-DDE (72-55-9)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
9P. 4,4'-DDD (72-54-8)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
10P. Dieldrin (60-57-1)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
11P. α-Enosulfan (115-29-7)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
12P. β-Endosulfan (115-29-7)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
13P. Endosulfan Sulfate (1031-07-8)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
14P. Endrin (72-20-8	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
Aldehyde (7421-93-4)	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.0001	--	1
16P. Heptachlor (76-44-8	X	X		< 0.0001	< 1.1554848	--	--	< 0.0001	< 1.155485	5	mg/L	kg/d	< 0.00005	--	1

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) **110001891114**

OUTFALL NO. 001

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)	X	X		< 0.0001	< 1.155485	--	--	< 0.0001	< 1.1554848	5	mg/L	kg/d	< 0.0001	--	1
18P. PCB-1242 (53469-21-9)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
19P. PCB-1254 (11097-69-1)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
20P. PCB-1221 (11104-28-2)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
21P. PCB-1232 (11131-16-5)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
22P. PCB-1248 (12672-29-6)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
23P. PCB-1260 (11096-82-5)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
24P. PCB-1016 (12674-11-2)	X	X		< 0.001	< 11.55485	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	1
25P. Toxaphene (8001-35-2)	X	X		< 0.005	< 57.77424	--	--	< 0.005	< 57.77424	5	mg/L	kg/d	< 0.005	--	1

Additional Testing Results

OUTFALL NO. 001

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2)	
Tritium		X		5325	6.2E+07	--	--	4307	49766730	4	pCi/L	--	--	--	--
Strontium 90		X		1.55	17910	--	--	0.810375	9363.7599	4	pCi/L	--	--	--	--
Tl (dissolved)		X		< 0.00002	< 0.2311	--	--	< 0.00002	< 0.231097	5	mg/L	kg/d	< 0.0002	--	2
Se (dissolved)		X		< 0.003	< 34.6645	--	--	< 0.003	< 34.664544	5	mg/L	kg/d	< 0.003	--	2
Sb (dissolved)		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	2
Pb (dissolved)		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	2
Ni (dissolved)		X		< 0.005	< 57.7742	--	--	< 0.005	< 57.77424	5	mg/L	kg/d	< 0.005	--	2
Hg (dissolved)		X		< 0.0002	< 2.31097	--	--	< 0.0002	< 2.3109696	5	mg/L	kg/d	< 0.0002	--	2
Cu (dissolved)		X		0.002	23.1097	--	--	0.0015	< 17.332272	5	mg/L	kg/d	0.00075	--	2
Cr (dissolved)		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	2
Cd (dissolved)		X		< 0.0003	< 3.46645	--	--	< 0.0003	< 3.4664544	5	mg/L	kg/d	< 0.0003	--	2
As (dissolved)		X		< 0.003	< 34.6645	--	--	< 0.003	< 34.664544	5	mg/L	kg/d	< 0.003	--	2
Ag (dissolved)		X		< 0.0001	< 1.15548	--	--	< 0.0001	< 1.1554848	5	mg/L	kg/d	< 0.0001	--	2
Zn (dissolved)		X		< 0.01	< 115.548	--	--	< 0.01	< 115.54848	5	mg/L	kg/d	< 0.01	--	2
Total Hardness as $CaCO_3$		X		23.94	276623	--	--	17.442	201539.66	5	mg/L	kg/d	22.23	--	3
Chlorides as Cl		X		5.74	66324.8	--	--	5.2025	60114.097	4	mg/L	kg/d	5.64	--	1
Hydrogen Sulfide		X		< 0.05	< 577.742	--	--	< 0.05	< 577.7424	5	mg/L	kg/d	< 0.05	--	1
Chromium +6 as Cr^{6+}		X		< 0.01	< 115.548	--	--	< 0.01	< 115.54848	5	mg/L	kg/d	< 0.01	--	2
Nonylphenol		X		< 0.01	< 115.548	--	--	--	--	1	mg/L	kg/d	< 0.01	--	--
Tributyltin		X		0.000000045	0.00052	--	--	2.25E-08	0.00026	4	mg/L	kg/d	--	--	--
Kepone		X		< 0.0001	< 1.15548	--	--	< 0.0001	< 1.1554848	5	mg/L	kg/d	< 0.0001	--	--
Methoxychlor		X		< 0.0001	< 1.15548	--	--	< 0.0001	< 1.1554848	5	mg/L	kg/d	< 0.0001	--	--
Mirex		X		< 0.0001	< 1.15548	--	--	< 0.0001	< 1.1554848	5	mg/L	kg/d	< 0.0001	--	--
Chlorpyrifos		X		< 0.0002	< 2.31097	--	--	< 0.0002	< 2.3109696	5	mg/L	kg/d	< 0.0002	--	--
Demeton		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	--
Diazinon		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	2	mg/L	kg/d	< 0.001	--	--
Guthion		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	--
Malathion		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	--
Parathion		X		< 0.001	< 11.5548	--	--	< 0.001	< 11.554848	5	mg/L	kg/d	< 0.001	--	--
Nitrate		X		< 0.01	< 115.548	--	--	--	--	1	mg/L	kg/d	< 0.01	--	1
Ti (dissolved)		X		< 0.002	< 23.1097	--	--	--	--	1	mg/L	kg/d	< 0.005	--	1
Sn (dissolved)		X		< 0.005	< 57.7742	--	--	--	--	1	mg/L	kg/d	< 0.003	--	1
Mo (dissolved)		X		0.006	69.3291	--	--	--	--	1	mg/L	kg/d	0.003	--	1
Co (dissolved)		X		< 0.0006	< 6.93291	--	--	--	--	1	mg/L	kg/d	< 0.0006	--	1
Be (dissolved)		X		< 0.0002	< 2.31097	--	--	--	--	1	mg/L	kg/d	< 0.0002	--	1
Ba (dissolved)		X		0.018	207.987	--	--	--	--	1	mg/L	kg/d	0.018	--	1
Mn (dissolved)		X		< 0.02	< 231.097	--	--	--	--	1	mg/L	kg/d	0.02	--	1
Mg (dissolved)		X		2.45	28309.4	--	--	--	--	1	mg/L	kg/d	2.25	--	1
Fe (dissolved)		X		< 0.05	< 577.742	--	--	--	--	1	mg/L	kg/d	0.1	--	1
Al (dissolved)		X		< 0.09	< 1039.94	--	--	--	--	1	mg/L	kg/d	0.15	--	1
2,4-D		X		< 0.01	< 115.548	--	--	--	--	1	mg/L	kg/d	< 0.01	--	--
Silvex		X		< 0.01	< 115.548	--	--	--	--	1	mg/L	kg/d	--	--	--
Total Xylenes		X		< 0.0002	< 2.31097	--	--	< 0.0002	< 2.3109696	4	mg/L	kg/d	--	--	--
E.coli		X		144	--	--	--	37	--	4	MPN	--	--	--	--

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)
110001891114

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

OUTFALL NO. 009

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	< 3.0	< 22.9371	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	7.65	58.4896	--	--	--	--	1	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	6.4	48.9325	--	--	--	--	1	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	2.3	17.5851	2.3	17.58511	1.2	9.17484	12	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	0.03	0.22937	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Flow	VALUE 2.02		VALUE 1.58		VALUE 0.576		36	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE 20.0		VALUE --		VALUE --		1	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE 30.6		VALUE --		VALUE --		1	°C		VALUE --		-- --
i. pH	8.96	--	8.96	--			36	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. 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		1.9	14.5268	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual	X		< 0.1	< 0.76457	--	--	--	--	1	mg/L	kg/d	--	--	--
c. Color	X		12	--	--	--	--	--	1	PCU	--	--	--	--
d. Fecal Coliform		X		0	--	--	--	--	0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)	X		0.096	0.73399	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*	X		< 0.01	< 0.07646	--	--	--	--	1	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 009

1. Pollutant and CAS NO. (If available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVG. VALUE (if available) (2) MASS	3. EFFLUENT d. No. OF ANALYSES	4. UNITS (specify if blank) a. CONCENTRATION	4. UNITS (specify if blank) b. MASS	5. INTAKE (optional) a. LONG TERM AVG. VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVG. VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic (as N)	X		0.27	2.064	--	--			1	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 38.229	--	--			1	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)	X		< 0.05	< 0.382	--	--			1	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha	X		< 1.7	--	--	--	--	--	1	pCi/L	--	--	--	1
(2) Beta	X		< 2.22	--	--	--	--	--	1	pCi/L	--	--	--	1
(3) Radium, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
(4) Radium 226, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
k. Sulfate (as SO_4) (14808-79-8)	X		8.66	66.212	--	--	--	--	1	mg/L	kg/d	--	--	--
l. Sulfide (as S)	X		0.08	0.612	--	--	--	--	1	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X	--	--	--	--	--	--	0	mg/L	kg/d	--	--	--
n. Surfactants	X		< 0.01	< 0.076	--	--	--	--	1	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)	X		0.26	1.988	--	--	--	--	1	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)	X		0.047	0.359	--	--	--	--	1	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)	X		0.02	0.153	--	--	--	--	1	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)	X		< 0.0006	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)	X		0.14	1.070	--	--	--	--	1	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)	X		4.9	37.464	--	--	--	--	1	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)	X		15	115	--	--	--	--	1	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)	X		0.11	0.841	--	--	--	--	1	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)	X		< 0.005	< 0.038	--	--	--	--	1	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)	X		< 0.002	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1)	110001891114	OUTFALL NO. 009

CONTINUED FROM PAGE V-2

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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X	X		< 0.001	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2	X	X		< 0.003	< 0.023	--	--	--	--	1	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)	X	X		< 0.0002	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)	X	X		< 0.0003	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)	X	X		< 0.001	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)	X	X		0.001	0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)	X	X		< 0.001	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)	X	X		< 0.0002	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)	X	X		< 0.005	< 0.038	--	--	--	--	1	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)	X	X		< 0.003	< 0.023	--	--	--	--	1	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4	X	X		< 0.0001	< 0.001	--	--	--	--	1	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)	X	X		< 0.0002	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)	X	X		< 0.01	< 0.076	--	--	--	--	1	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)	X	X		< 0.01	< 0.076	--	--	--	--	1	mg/L	kg/d	--	--	--
15M. Phenols, Total	X	X		0.07	0.535	--	--	--	--	1	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 009

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X	X		< 0.01	< 0.076	--	--	--	--	1	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)	X	X		< 0.0015	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)	X	X		< 0.0044	< 0.034	--	--	--	--	1	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)	X	X		< 0.0047	< 0.036	--	--	--	--	1	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)	X	X		< 0.0028	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)	X	X		< 0.006	< 0.046	--	--	--	--	1	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)	X	X		< 0.0031	< 0.024	--	--	--	--	1	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)	X	X		< 0.0011	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)	X	X		< 0.0012	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)	X	X		< 0.0016	< 0.012	--	--	--	--	1	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)	X	X		< 0.0022	< 0.017	--	--	--	--	1	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)	X	X		< 0.0047	< 0.036	--	--	--	--	1	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)	X	X		< 0.0028	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)	X	X		< 0.0028	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)	X	X		< 0.006	< 0.046	--	--	--	--	1	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)	X	X		< 0.0059	< 0.045	--	--	--	--	1	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)	X	X		< 0.0072	< 0.055	--	--	--	--	1	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)	X	X		< 0.0014	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)	X	X		< 0.0011	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 009

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X	X		< 0.0028	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X	X		< 0.0069	< 0.053	--	--	--	--	1	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)	X	X		< 0.0041	< 0.031	--	--	--	--	1	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)	X	X		< 0.006	< 0.046	--	--	--	--	1	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X	X		< 0.0016	< 0.012	--	--	--	--	1	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)	X	X		< 0.0038	< 0.029	--	--	--	--	1	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)	X	X		< 0.005	< 0.038	--	--	--	--	1	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)	X	X		< 0.0019	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)	X	X		< 0.0023	< 0.018	--	--	--	--	1	mg/L	kg/d	--	--	--
31V. Vinyl Chloride (75-01-4)	X	X		< 0.0018	< 0.014	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X	X		< 0.0033	< 0.025	--	--	--	--	1	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)	X	X		< 0.0056	< 0.043	--	--	--	--	1	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)	X	X		< 0.0052	< 0.040	--	--	--	--	1	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)	X	X		< 0.024	< 0.183	--	--	--	--	1	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)	X	X		< 0.042	< 0.321	--	--	--	--	1	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)	X	X		< 0.0036	< 0.028	--	--	--	--	1	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)	X	X		< 0.0024	< 0.018	--	--	--	--	1	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)	X	X		< 0.0075	< 0.057	--	--	--	--	1	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5	X	X		< 0.0036	< 0.028	--	--	--	--	1	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)	X	X		< 0.0027	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)	X	X		< 0.0027	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 009

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X	X		< 0.003	< 0.023	--	--	--	--	1	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)	X	X		< 0.0035	< 0.027	--	--	--	--	1	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)	X	X		< 0.0019	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)	X	X		< 0.063	< 0.482	--	--	--	--	1	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)	X	X		< 0.0078	< 0.060	--	--	--	--	1	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)	X	X		< 0.0025	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)	X	X		< 0.0048	< 0.037	--	--	--	--	1	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)	X	X		< 0.0041	< 0.031	--	--	--	--	1	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)	X	X		< 0.0025	< 0.019	--	--	--		1	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X	X		< 0.0053	< 0.041	--	--	--	--	1	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X	X		< 0.0057	< 0.044	--	--	--	--	1	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X	X		< 0.0057	< 0.044	--	--	--	--	1	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X	X		< 0.0025	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)	X	X		< 0.003	< 0.023	--	--	--	--	1	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)	X	X		< 0.0025	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)	X	X		< 0.0046	< 0.035	--	--	--	--	1	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X	X		< 0.0042	< 0.032	--	--	--	--	1	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)	X	X		< 0.0025	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)	X	X		< 0.0025	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)	X	X		< 0.005	< 0.038	--	--	--	--	1	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)	X	X		< 0.005	< 0.038	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 009

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X	X		< 0.005	< 0.038	--	--	--	--	1	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)	X	X		< 0.0165	< 0.126	--	--	--	--	1	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)	X	X		< 0.0074	< 0.057	--	-	--	--	1	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)	X	X		< 0.0075	< 0.057	--	--	--	--	1	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)	X	X		< 0.0064	< 0.049	--	-	--	--	1	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)	X	X		< 0.0057	< 0.044	--	--	--	--	1	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)	X	X		< 0.0034	< 0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)	X	X		< 0.0025	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)	X	X		< 0.0088	< 0.067	--	--	--	--	1	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)	X	X		< 0.0022	< 0.017	--	--	--	--	1	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)	X	X		< 0.0022	< 0.017	--	--	--	--	1	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)	X	X		< 0.0031	< 0.024	--	--	--	--	1	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)	X	X		< 0.0018	< 0.014	--	--	--	--	1	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)	X	X		< 0.01	< 0.076	--	-	--	--	1	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)	X	X		< 0.0024	< 0.018	--	--	--	--	1	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X	X		< 0.0037	< 0.028	--	--	--	--	1	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)	X	X		< 0.0051	< 0.039	--	--	--	--	1	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)	X	X		< 0.0038	< 0.029	--	--	--	--	1	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)	X	X		< 0.0042	< 0.032	--	--	--	--	1	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)	X	X		< 0.0062	< 0.047	--	--	--	--	1	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X	X		< 0.0036	< 0.028	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 009

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X	X		< 0.0027	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)	X	X		< 0.0054	< 0.041	--	--	--	--	1	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0	X	X		< 0.0038	< 0.029	--	--	--	--	1	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)	X	X		< 0.0079	< 0.060	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X	X		< 0.00005	< 0.0003823	--	--	--	--	1	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)	X	X		< 0.0002	< 0.0015291	--	--	--	--	1	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)	X	X		< 0.0001	< 0.0007646	--	--	--	--	1	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8	X	X		< 0.00005	< 0.0003823	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NO. 009
110001891114	

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X	X		< 0.0001	< 0.000765	--	--	--	--	1	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
21P. PCB-1232 (11141-16-5)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)	X	X		< 0.001	< 0.007646	--	--	--	--	1	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)	X	X		< 0.005	< 0.038229	--	--	--	--	1	mg/L	kg/d	--	--	--

Additional Testing Results on 7/19/11 sample

OUTFALL NO. 009

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
Tl (dissolved)		X		< 0.0002	< 0.00153	--	--	--	--	1	mg/L	kg/d	--	--	--
Sc (dissolved)		X		< 0.003	< 0.02294	--	--	--	--	1	mg/L	kg/d	--	--	--
Sb (dissolved)		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Pb (dissolved)		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Ni (dissolved)		X		< 0.005	< 0.03823	--	--	--	--	1	mg/L	kg/d	--	--	--
Hg (dissolved)		X		< 0.0002	< 0.00153	--	--	--	--	1	mg/L	kg/d	--	--	--
Cu (dissolved)		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Cr (dissolved)		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Cd (dissolved)		X		< 0.0003	< 0.00229	--	--	--	--	1	mg/L	kg/d	--	--	--
As (dissolved)		X		< 0.003	< 0.02294	--	--	--	--	1	mg/L	kg/d	--	--	--
Ag (dissolved)		X		< 0.0001	< 0.00076	--	--	--	--	1	mg/L	kg/d	--	--	--
Zn (dissolved)		X		< 0.01	< 0.07646	--	--	--	--	1	mg/L	kg/d	--	--	--
Ti (dissolved)		X		< 0.002	< 0.01529	--	--	--	--	1	mg/L	kg/d	--	--	--
Sn (dissolved)		X		< 0.005	< 0.03823	--	--	--	--	1	mg/L	kg/d	--	--	--
Mo (dissolved)		X		16	122.331	--	--	--	--	1	mg/L	kg/d	--	--	--
Co (dissolved)		X		< 0.0006	< 0.00459	--	--	--	--	1	mg/L	kg/d	--	--	--
Be (dissolved)		X		< 0.0002	< 0.00153	--	--	--	--	1	mg/L	kg/d	--	--	--
Ba (dissolved)		X		45	344.057	--	--	--	--	1	mg/L	kg/d	--	--	--
Mn (dissolved)		X		0.06	0.45874	--	--	--	--	1	mg/L	kg/d	--	--	--
Mg (dissolved)		X		4.86	37.1581	--	--	--	--	1	mg/L	kg/d	--	--	--
Fe (dissolved)		X		< 0.05	< 0.38229	--	--	--	--	1	mg/L	kg/d	--	--	--
Al (dissolved)		X		0.26	1.98788	--	--	--	--	1	mg/L	kg/d	--	--	--
Total Hardness as $CaCO_3$		X		44.46	339.928	--	--	--	--	1	mg/L	kg/d	--	--	--
Chlorides as Cl		X		26.33	201.311	--	--	--	--	1	mg/L	kg/d	--	--	--
Hydrogen Sulfide		X		< 0.05	< 0.38229	--	--	--	--	1	mg/L	kg/d	--	--	--
Chromium +6 as Cr^{6+}		X		< 0.005	< 0.03823	--	--	--	--	1	mg/L	kg/d	--	--	--
Nonylphenol		X		< 0.01	< 0.07646	--	--	--	--	1	mg/L	kg/d	--	--	--
Kepone		X		< 0.0001	< 0.00076	--	--	--	--	1	mg/L	kg/d	--	--	--
Methoxychlor		X		< 0.0001	< 0.00076	--	--	--	--	1	mg/L	kg/d	--	--	--
Mirex		X		< 0.0001	< 0.00076	--	--	--	--	1	mg/L	kg/d	--	--	--
Chlorpyrifos		X		< 0.0002	< 0.00153	--	--	--	--	1	mg/L	kg/d	--	--	--
Demeton		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Diazinon		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Guthion		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Malathion		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
Parathion		X		< 0.001	< 0.00765	--	--	--	--	1	mg/L	kg/d	--	--	--
TDS		X		128.5	982.472	--	--	--	--	1	mg/L	kg/d	--	--	--
Nitrate as N		X		< 0.01	< 0.07646	--	--	--	--	1	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 013

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	< 3	<4.9	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	25.46	41.6302	--	--	--	--	1	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	9.6	15.6972	--	--	--	--	1	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	3.0	4.90536	3	4.91	2.4	3.92	4	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	53.6	87.6424	--	--	26.87	43.94	2	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.432		VALUE 0.324		VALUE 0.324		4	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE 23.7		VALUE --		VALUE --		1	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE 45.5		VALUE --		VALUE --		1	°C		VALUE --		-- --
i. pH	7.55	--	7.55	--			4	STANDARD UNITS				

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

1. Pollutant and CAS NO. (*If available*)	2.MARK 'X'		3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. 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		8.8	14.3891	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual	X		< 0.1	<0.164	--	--	--	--	1	mg/L	kg/d	--	--	--
c. Color	X		15	--	--	--	--	--	1	PCU	--	--	--	--
d. Fecal Coliform		X	--	--	--	--	--	--	0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)	X		0.181	0.29596	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*	X		1.68	2.747	--	--	--	--	1	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 013

1. Pollutant and CAS NO. (If available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS (specify if blank) a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVG. VALUE (1) CONCENTRATION	a. LONG TERM AVG. VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic (as N)	X		36.72	60.04	--	--	--	--	1	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 8.18			< 5	< 8.18	4	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)	X		1.1	1.80	--	--	--	--	1	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha	X		< 2.35	--	--	--	--	--	1	pCi/L	--	--	--	--
(2) Beta	X		5	--	--	--	--	--	1	pCi/L	--	--	--	--
(3) Radium, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
(4) Radium 226, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
k. Sulfate (as SO_4) (14808-79-8)	X		14.78	24.17	--	--	--	--	1	mg/L	kg/d	--	--	--
l. Sulfide (as S)	X		< 0.05	< 0.08176	--	--	--	--	1	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X	--	--	--	--	--	--	0	mg/L	kg/d	--	--	--
n. Surfactants	X		< 0.01	< 0.01635	--	--	--	--	1	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)	X		0.19	0.31	--	--	--	--	1	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)	X		45	73.58	--	--	--	--	1	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)	X		0.05	0.08	--	--	--	--	1	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)	X		< 0.0006	< 0.001	--	--	--	--	1	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)	X		0.06	0.10	--	--	--	--	1	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)	X		5.87	9.60	--	--	--	--	1	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)	X		13	21.26	--	--	--	--	1	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)	X		0.07	0.11	--	--	--	--	1	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)	X		< 0.005	< 0.01	--	--	--	--	1	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)	X		< 0.002	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114	OUTFALL NO. 013

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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

Part C.

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X	X		< 0.001	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2	X	X		< 0.003	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)	X	X		< 0.0002	< 0.0003	--	--	--	--	1	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)	X	X		< 0.0003	< 0.0005	--	--	--	--	1	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)	X	X		< 0.001	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)	X	X		0.008	0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)	X	X		< 0.001	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)	X	X		< 0.0002	< 0.0003	--	--	--	--	1	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)	X	X		< 0.005	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)	X	X		< 0.003	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4	X	X		< 0.0001	< 0.0002	--	--	--	--	1	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)	X	X		0.0002	0.0003	--	--	--	--	1	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)	X	X		0.379	0.620	--	--	--	--	1	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)	X	X		< 0.01	< 0.016	--	--	--	--	1	mg/L	kg/d	--	--	--
15M. Phenols, Total	X	X		0.03	0.049	--	--	--	--	1	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 013

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X	X		< 0.01	< 0.016351	--	--	--	--	1	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)	X	X		< 0.0015	< 0.002453	--	--	--	--	1	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)	X	X		< 0.0044	< 0.007195	--	--	--	--	1	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)			X	Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)	X	X		< 0.0047	< 0.007685	--	--	--	--	1	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)	X	X		< 0.0028	< 0.004578	--	--	--	--	1	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)	X	X		< 0.006	< 0.009811	--	--	--	--	1	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)	X	X		< 0.0031	< 0.005069	--	--	--	--	1	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)	X	X		< 0.0011	< 0.001799	--	--	--	--	1	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)	X	X		< 0.0012	< 0.001962	--	--	--	--	1	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)	X	X		< 0.0016	< 0.002616	--	--	--	--	1	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)	X	X		< 0.0022	< 0.003597	--	--	--	--	1	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)			X	Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)	X	X		< 0.0047	< 0.007685	--	--	--	--	1	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)	X	X		< 0.0028	< 0.004578	--	--	--	--	1	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)	X	X		< 0.0028	< 0.004578	--	--	--	--	1	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)	X	X		< 0.006	< 0.009811	--	--	--	--	1	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)	X	X		< 0.0059	< 0.009647	--	--	--	--	1	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)	X	X		< 0.0072	< 0.011773	--	--	--	--	1	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)	X	X		< 0.0014	< 0.002289	--	--	--	--	1	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)	X	X		< 0.0011	< 0.001799	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 013

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)	X	X		< 0.0028	< 0.0045783	--	--	--	--	1	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X	X		< 0.0069	< 0.0112823	--	--	--	--	1	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)	X	X		< 0.0041	< 0.006704	--	--	--	--	1	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)	X	X		< 0.006	< 0.0098107	--	--	--	--	1	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X	X		< 0.0016	< 0.0026162	--	--	--	--	1	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)	X	X		< 0.0038	< 0.0062135	--	--	--	--	1	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)	X	X		< 0.005	< 0.0081756	--	--	--	--	1	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)	X	X		< 0.0019	< 0.0031067	--	--	--	--	1	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)	X	X		< 0.0023	< 0.0037608	--	--	--	--	1	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)	X	X		< 0.0018	< 0.0029432	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X	X		< 0.0033	< 0.0053959	--	--	--	--	1	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)	X	X		< 0.0056	< 0.0091567	--	--	--	--	1	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)	X	X		< 0.0052	< 0.0085026	--	--	--	--	1	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)	X	X		< 0.024	< 0.0392429	--	--	--	--	1	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)	X	X		< 0.042	< 0.068675	--	--	--	--	1	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)	X	X		< 0.0036	< 0.0058864	--	--	--	--	1	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)	X	X		< 0.0024	< 0.0039243	--	--	--	--	1	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)	X	X		< 0.0075	< 0.0122634	--	--	--	--	1	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5	X	X		< 0.0036	< 0.0058864	--	--	--	--	1	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)	X	X		< 0.0027	< 0.0044148	--	--	--	--	1	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)	X	X		< 0.0027	< 0.0044148	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 013

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X	X		< 0.003	< 0.00491	--	--	--	--	1	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)	X	X		< 0.0035	< 0.00572	--	--	--	--	1	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)	X	X		< 0.0019	< 0.00311	--	--	--	--	1	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)	X	X		< 0.063	< 0.10301	--	--	--	--	1	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)	X	X		< 0.0078	< 0.01275	--	--	--	--	1	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)	X	X		< 0.0025	< 0.00409	--	--	--	--	1	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)	X	X		< 0.0048	< 0.00785	--	--	--	--	1	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)	X	X		< 0.0041	< 0.0067	--	--	--	--	1	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)	X	X		< 0.0025	< 0.00409	--	--	--	--	1	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X	X		< 0.0053	< 0.00867	--	--	--	--	1	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X	X		< 0.0057	< 0.00932	--	--	--	--	1	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X	X		< 0.0057	< 0.00932	--	--	--	--	1	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X	X		< 0.0025	< 0.00409	--	--	--	--	1	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)	X	X		< 0.003	< 0.00491	--	--	--	--	1	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)	X	X		< 0.0025	< 0.00409	--	--	--	--	1	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)	X	X		< 0.0046	< 0.00752	--	--	--	--	1	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X	X		< 0.0042	< 0.00687	--	--	--	--	1	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)	X	X		< 0.0025	< 0.00409	--	--	--	--	1	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)	X	X		< 0.0025	< 0.00409	--	--	--	--	1	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)	X	X		< 0.005	< 0.00818	--	--	--	--	1	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)	X	X		< 0.005	< 0.00818	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 013

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X	X		< 0.005	< 0.008176	--	--	--	--	1	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)	X	X		< 0.0165	< 0.026979	--	--	--	--	1	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)	X	X		< 0.0074	< 0.0121	--	--	--	--	1	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)	X	X		< 0.0075	< 0.012263	--	--	--	--	1	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)	X	X		< 0.0064	< 0.010465	--	--	--	--	1	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)	X	X		< 0.0057	< 0.00932	--	--	--	--	1	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)	X	X		< 0.0034	< 0.005559	--	--	--	--	1	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)	X	X		< 0.0025	< 0.004088	--	--	--	--	1	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)	X	X		< 0.0088	< 0.014389	--	--	--	--	1	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)	X	X		< 0.0022	< 0.003597	--	--	--	--	1	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)	X	X		< 0.0022	< 0.003597	--	--	--	--	1	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)	X	X		< 0.0031	< 0.005069	--	--	--	--	1	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87 68-3)	X	X		< 0.0018	< 0.002943	--	--	--	--	1	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)	X	X		< 0.01	< 0.016351	--	--	--	--	1	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)	X	X		< 0.0024	< 0.003924	--	--	--	--	1	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X	X		< 0.0037	< 0.00605	--	--	--	--	1	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)	X	X		< 0.0051	< 0.008339	--	--	--	--	1	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)	X	X		< 0.0038	< 0.006213	--	--	--	--	1	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)	X	X		< 0.0042	< 0.006868	--	--	--	--	1	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)	X	X		< 0.0062	< 0.010138	--	--	--	--	1	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X	X		< 0.0036	< 0.005886	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 013

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X	X		< 0.0027	< 0.0044148	--	--	--	--	1	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)	X	X		< 0.0054	< 0.0088296	--	--	--	--	1	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0	X	X		< 0.0038	< 0.0062135	--	--	--	--	1	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)	X	X		< 0.0079	< 0.0129174	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X	X		< 0.05	< 8.176E-05	--	--	--	--	1	ug/L	kg/d	--	--	--
2P. α-BHC (319-84-6)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
3P. β-BHC (319-85-7)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
6P. Chlordane (57-74-9)	X	X		< 0.2	< 0.000327	--	--	--	--	1	ug/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
11P. α-Endosulfan (115-29-7)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
14P. Endrin (72-20-8	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
Aldehyde (7421-93-4)	X	X		< 0.1	< 0.0001635	--	--	--	--	1	ug/L	kg/d	--	--	--
16P. Heptachlor (76-44-8	X	X		< 0.05	< 8.176E-05	--	--	--	--	1	ug/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114

OUTFALL NO. 013

CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)	X	X		< 0.1	< 0.000164	--	--	--	--	1	ug/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)	X	X		< 1	< 0.001635	--	--	--	--	1	ug/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)	X	X		< 5	< 0.008176	--	--	--	--	1	ug/L	kg/d	--	--	--

Additional Testing Results on 7/19/11 sample

OUTFALL NO. 013

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
2,4-D		X		< 0.01	< 0.01635	--	--	--	--	1	mg/L	kg/d	--	--	--
Tl (dissolved)		X		< 0.0002	< 0.00033	--	--	--	--	1	mg/L	kg/d	--	--	--
Ti (dissolved)		X		< 0.002	< 0.00327	--	--	--	--	1	mg/L	kg/d	--	--	--
Sn (dissolved)		X		< 0.005	< 0.00818	--	--	--	--	1	mg/L	kg/d	--	--	--
Se (dissolved)		X		< 0.003	< 0.00491	--	--	--	--	1	mg/L	kg/d	--	--	--
Sb (dissolved)		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Pb (dissolved)		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Ni (dissolved)		X		< 0.005	< 0.00818	--	--	--	--	1	mg/L	kg/d	--	--	--
Mo (dissolved)		X		13	21.2566	--	--	--	--	1	mg/L	kg/d	--	--	--
Hg (dissolved)		X		< 0.0002	< 0.00033	--	--	--	--	1	mg/L	kg/d	--	--	--
Cu (dissolved)		X		8	13.081	--	--	--	--	1	mg/L	kg/d	--	--	--
Cr (dissolved)		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Co (dissolved)		X		< 0.0006	< 0.00098	--	--	--	--	1	mg/L	kg/d	--	--	--
Cd (dissolved)		X		< 0.0003	< 0.00049	--	--	--	--	1	mg/L	kg/d	--	--	--
Be (dissolved)		X		< 0.0002	< 0.00033	--	--	--	--	1	mg/L	kg/d	--	--	--
Ba (dissolved)		X		40	65.4048	--	--	--	--	1	mg/L	kg/d	--	--	--
As (dissolved)		X		< 0.003	< 0.00491	--	--	--	--	1	mg/L	kg/d	--	--	--
Ag (dissolved)		X		< 0.0001	< 0.00016	--	--	--	--	1	mg/L	kg/d	--	--	--
Zn (dissolved)		X		0.303	0.49544	--	--	--	--	1	mg/L	kg/d	--	--	--
Mn (dissolved)		X		0.02	0.0327	--	--	--	--	1	mg/L	kg/d	--	--	--
Mg (dissolved)		X		5.77	9.43464	--	--	--	--	1	mg/L	kg/d	--	--	--
Fe (dissolved)		X		< 0.05	< 0.08176	--	--	--	--	1	mg/L	kg/d	--	--	--
Al (dissolved)		X		0.18	0.29432	--	--	--	--	1	mg/L	kg/d	--	--	--
Total Dissolved Solids		X		197	322.119	--	--	--	--	1	mg/L	kg/d	--	--	--
Total Hardness as CaCO3		X		41.04	67.1053	--	--	--	--	1	mg/L	kg/d	--	--	--
Chlorides as Cl		X		26.06	42.6112	--	--	--	--	1	mg/L	kg/d	--	--	--
Nitrate as N		X		0.57	0.93202	--	--	--	--	1	mg/L	kg/d	--	--	--
Hydrogen Sulfide		X		< 0.05	< 0.08176	--	--	--	--	1	mg/L	kg/d	--	--	--
Chromium +6 as Cr6		X		< 0.005	< 0.00818	--	--	--	--	1	mg/L	kg/d	--	--	--
Nonylphenol		X		< 0.01	< 0.01635	--	--	--	--	1	mg/L	kg/d	--	--	--
Kepone		X		< 0.0001	< 0.00016	--	--	--	--	1	mg/L	kg/d	--	--	--
Methoxychlor		X		< 0.0001	< 0.00016	--	--	--	--	1	mg/L	kg/d	--	--	--
Mirex		X		< 0.0001	< 0.00016	--	--	--	--	1	mg/L	kg/d	--	--	--
Endrin Aldehyde		X		< 0.0001	< 0.00016	--	--	--	--	1	mg/L	kg/d	--	--	--
Chlorpyrifos		X		< 0.0002	< 0.00033	--	--	--	--	1	mg/L	kg/d	--	--	--
Demeton		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Diazinon		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Guthion		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Malathion		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Parathion		X		< 0.001	< 0.00164	--	--	--	--	1	mg/L	kg/d	--	--	--
Silvex		X		< 0.002	< 0.00327	--	--	--	--	1	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 016 and 021

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	4.1	58.1013	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	7.31	103.59	--	--	--	--	1	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	3.7	52.4328	--	--	--	--	1	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	2.7	7.05146	--	--	--	--	1	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	0.05	0.70855	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Flow	VALUE 3.744*		VALUE 3.744*		VALUE --		1	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE 21.2		VALUE --		VALUE 13.2		19	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE 32.4		VALUE --		VALUE 24		18	°C		VALUE --		-- --
i. pH	6.5	--	--	--			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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. 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		4.9	69.4381	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual	X		< 0.1	< 1.4171	--	--	--	--	35	mg/L	kg/d	--	--	--
c. Color	X		8	--	--	--	--	--	1	PCU	--	--	--	--
d. Fecal Coliform		X	--	--	--	--	--	--	0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)	X		0.073	1.03449	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*	X		0.03	0.42513	--	--	--	--	1	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE *(if available)* (2) MASS	3. EFFLUENT c. LONG TERM AVG. VALUE *(if available)* (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVG. VALUE *(if available)* (2) MASS	3. EFFLUENT d. No. OF ANALYSES	4. UNITS *(specify if blank)* a. CONCENTRATION	4. UNITS *(specify if blank)* b. MASS	5. INTAKE *(optional)* a. LONG TERM AVG. VALUE (1) CONCENTRATION	5. INTAKE *(optional)* a. LONG TERM AVG. VALUE (2) MASS	5. INTAKE *(optional)* b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic *(as N)*	X		< 0.25	< 3.54276	--	--	--	--	1	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 70.8552	--	--	--	--	1	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)	X		< 0.05	< 0.70855	--	--	--	--	1	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha	X		< 1.61	--	--	--	--	--	1	pCi/L	--	--	--	--
(2) Beta	X		2.79	--	--	--	--	--	1	pCi/L	--	--	--	--
(3) Radium, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
(4) Radium 226, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
k. Sulfate *(as SO_4)* (14808-79-8)	X		6.19	87.7187	--	--	--	--	1	mg/L	kg/d	--	--	--
l. Sulfide *(as S)*	X		< 0.05	< 0.70855	--	--	--	--	1	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X	--	--	--	--	--	--	0	mg/L	kg/d	--	--	--
n. Surfactants	X		< 0.01	< 0.14171	--	--	--	--	1	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)	X		0.36	5.10157	--	--	--	--	1	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)	X		0.019	0.26925	--	--	--	--	1	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)	X		0.07	0.99197	--	--	--	--	1	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)	X		< 0.0006	< 0.0085	--	--	--	--	1	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)	X		0.39	< 5.52671	--	--	--	--	1	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)	X		2.39	33.8688	--	--	--	--	1	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)	X		0.007	0.0992	--	--	--	--	1	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)	X		0.1	1.4171	--	--	--	--	1	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)	X		< 0.005	< 0.07086	--	--	--	--	1	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)	X		< 0.002	< 0.02834	--	--	--	--	1	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1)	110001888459	OUTFALL NO. 016 and 021

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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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X	X		< 0.001	< 0.01417104	--	--	--	--	1	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2	X	X		< 0.003	< 0.04251312	--	--	--	--	1	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)	X	X		< 0.0002	< 0.00283421	--	--	--	--	1	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)	X	X		< 0.0003	< 0.00425131	--	--	--	--	1	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)	X	X		< 0.001	< 0.01417104	--	--	--	--	1	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)	X	X		0.002	0.02834208	--	--	--	--	1	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)	X	X		< 0.001	< 0.01417104	--	--	--	--	1	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)	X	X		< 0.0002	< 0.00283421	--	--	--	--	1	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)	X	X		< 0.005	< 0.0708552	--	--	--	--	1	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)	X	X		< 0.003	< 0.04251312	--	--	--	--	1	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)	X	X		< 0.0002	< 0.00283421	--	--	--	--	1	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)	X	X		< 0.01	< 0.1417104	--	--	--	--	1	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)	X	X		< 0.01	< 0.1417104	--	--	--	--	1	mg/L	kg/d	--	--	--
15M. Phenols, Total	X	X		< 0.01	< 0.1417104	--	--	--	--	1	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS	No Sample										

CONTINUED FROM PAGE V-3

OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X	X		< 0.01	< 0.14171	--	--	--	--	1	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)	X	X		< 0.0015	< 0.021257	--	--	--	--	1	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)	X	X		< 0.0044	< 0.062353	--	--	--	--	1	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)	X	X		< 0.0047	< 0.066604	--	--	--	--	1	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)	X	X		< 0.0028	< 0.039679	--	--	--	--	1	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)	X	X		< 0.006	< 0.085026	--	--	--	--	1	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)	X	X		< 0.0031	< 0.04393	--	--	--	--	1	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)	X	X		< 0.0011	< 0.015588	--	--	--	--	1	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)	X	X		< 0.0012	< 0.017005	--	--	--	--	1	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)	X	X		< 0.0016	< 0.022674	--	--	--	--	1	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)	X	X		< 0.0022	< 0.031176	--	--	--	--	1	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)	X	X		< 0.0047	< 0.066604	--	--	--	--	1	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)	X	X		< 0.0028	< 0.039679	--	--	--	--	1	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)	X	X		< 0.0028	< 0.039679	--	--	--	--	1	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)	X	X		< 0.006	< 0.085026	--	--	--	--	1	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)	X	X		< 0.0059	< 0.083609	--	--	--	--	1	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)	X	X		< 0.0072	< 0.102031	--	--	--	--	1	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)	X	X		< 0.0014	< 0.019839	--	--	--	--	1	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)	X	X		< 0.0011	< 0.015588	--	--	--	--	1	mg/L	kg/d	--	--	--

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OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X	X		< 0.0028	< 0.0396789	--	--	--	--	1	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X	X		< 0.0069	< 0.0977802	--	--	--	--	1	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)	X	X		< 0.0041	< 0.0581013	--	--	--	--	1	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)	X	X		< 0.006	< 0.0850262	--	--	--	--	1	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X	X		< 0.0016	< 0.0226737	--	--	--	--	1	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)	X	X		< 0.0038	< 0.05385	--	--	--	--	1	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)	X	X		< 0.005	< 0.0708552	--	--	--	--	1	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)	X	X		< 0.0019	< 0.026925	--	--	--	--	1	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)	X	X		< 0.0023	< 0.0325934	--	--	--	--	1	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)	X	X		< 0.0018	< 0.0255079	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X	X		< 0.0033	< 0.0467644	--	--	--	--	1	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)	X	X		< 0.0056	< 0.0793578	--	--	--	--	1	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)	X	X		< 0.0052	< 0.0736894	--	--	--	--	1	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)	X	X		< 0.024	< 0.340105	--	--	--	--	1	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)	X	X		< 0.042	< 0.5951837	--	--	--	--	1	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)	X	X		< 0.0036	< 0.0510157	--	--	--	--	1	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)	X	X		< 0.0024	< 0.0340105	--	--	--	--	1	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)	X	X		< 0.0075	< 0.1062828	--	--	--	--	1	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5	X	X		< 0.0036	< 0.0510157	--	--	--	--	1	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)	X	X		< 0.0027	< 0.0382618	--	--	--	--	1	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)	X	X		< 0.0027	< 0.0382618	--	--	--	--	1	mg/L	kg/d	--	--	--

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OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GS/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X	X		< 0.003	< 0.04251	--	--	--	--	1	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)	X	X		< 0.0035	< 0.0496	--	--	--	--	1	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)	X	X		< 0.0019	< 0.02692	--	--	--	--	1	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)	X	X		< 0.063	< 0.89278	--	--	--	--	1	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)	X	X		< 0.0078	< 0.11053	--	--	--	--	1	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)	X	X		< 0.0025	< 0.03543	--	--	--	--	1	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)	X	X		< 0.0048	< 0.06802	--	--	--	--	1	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)	X	X		< 0.0041	< 0.0581	--	--	--	--	1	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)	X	X		< 0.0025	< 0.03543	--	--	--	--	1	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X	X		< 0.0053	< 0.07511	--	--	--	--	1	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X	X		< 0.0057	< 0.08077	--	--	--	--	1	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X	X		< 0.0057	< 0.08077	--	--	--	--	1	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X	X		< 0.0025	< 0.03543	--	--	--	--	1	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)	X	X		< 0.003	< 0.04251	--	--	--	--	1	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)	X	X		< 0.0025	< 0.03543	--	--	--	--	1	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)	X	X		< 0.0046	< 0.06519	--	--	--	--	1	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X	X		< 0.0042	< 0.05952	--	--	--	--	1	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)	X	X		< 0.0025	< 0.03543	--	--	--	--	1	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)	X	X		< 0.0025	< 0.03543	--	--	--	--	1	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)	X	X		< 0.005	< 0.07086	--	--	--	--	1	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)	X	X		< 0.005	< 0.07086	--	--	--	--	1	mg/L	kg/d	--	--	--

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OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GS/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X	X		< 0.005	< 0.070855	--	--	--	--	1	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)	X	X		< 0.0165	< 0.233822	--	--	--	--	1	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)	X	X		< 0.0074	< 0.104866	--	--	--	--	1	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)	X	X		< 0.0075	< 0.106283	--	--	--	--	1	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)	X	X		< 0.0064	< 0.090695	--	--	--	--	1	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)	X	X		< 0.0057	< 0.080775	--	--	--	--	1	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)	X	X		< 0.0034	< 0.048182	--	--	--	--	1	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)	X	X		< 0.0025	< 0.035428	--	--	--	--	1	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)	X	X		< 0.0088	< 0.124705	--	--	--	--	1	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)	X	X		< 0.0022	< 0.031176	--	--	--	--	1	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)	X	X		< 0.0022	< 0.031176	--	--	--	--	1	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)	X	X		< 0.0031	< 0.04393	--	--	--	--	1	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)	X	X		< 0.0018	< 0.025508	--	--	--	--	1	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)	X	X		< 0.01	< 0.14171	--	--	--	--	1	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)	X	X		< 0.0024	< 0.03401	--	--	--	--	1	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X	X		< 0.0037	< 0.052433	--	--	--	--	1	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)	X	X		< 0.0051	< 0.072272	--	--	--	--	1	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)	X	X		< 0.0038	< 0.05385	--	--	--	--	1	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)	X	X		< 0.0042	< 0.059518	--	--	--	--	1	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)	X	X		< 0.0062	< 0.08786	--	--	--	--	1	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X	X		< 0.0036	< 0.051016	--	--	--	--	1	mg/L	kg/d	--	--	--

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OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GS/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X	X		< 0.0027	< 0.0382618	--	--	--	--	1	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)	X	X		< 0.0054	< 0.0765236	--	--	--	--	1	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0	X	X		< 0.0038	< 0.05385	--	--	--	--	1	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)	X	X		< 0.0079	< 0.1119512	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X	X		< 0.00005	< 0.0007086	--	--	--	--	1	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)	X	X		< 0.0002	< 0.0028342	--	--	--	--	1	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)	X	X		< 0.0001	< 0.0014171	--	--	--	--	1	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8	X	X		< 0.00005	< 0.0007086	--	--	--	--	1	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001888459	OUTFALL NO. 016 and 021

CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)	X	X		< 0.0001	< 0.001417	--	--	--	--	1	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
21P. PCB-1232 (11141-16-5)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)	X	X		< 0.001	< 0.014171	--	--	--	--	1	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)	X	X		< 0.005	< 0.070855	--	--	--	--	1	mg/L	kg/d	--	--	--

Additional Testing Results on 7/19/11 sample

OUTFALL NO. 016 and 021

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
Ag (dissolved)		X		< 0.0001	< 0.00142	--	--	--	--	1	mg/L	kg/d	--	--	--
Be (dissolved)		X		< 0.0002	< 0.00283	--	--	--	--	1	mg/L	kg/d	--	--	--
Hg (dissolved)		X		< 0.0002	< 0.00283	--	--	--	--	1	mg/L	kg/d	--	--	--
Tl (dissolved)		X		< 0.0002	< 0.00283	--	--	--	--	1	mg/L	kg/d	--	--	--
Cd (dissolved)		X		< 0.0003	< 0.00425	--	--	--	--	1	mg/L	kg/d	--	--	--
Co (dissolved)		X		< 0.0006	< 0.0085	--	--	--	--	1	mg/L	kg/d	--	--	--
Cr (dissolved)		X		< 0.001	< 0.01417	--	--	--	--	1	mg/L	kg/d	--	--	--
Cu (dissolved)		X		0.001	0.01417	--	--	--	--	1	mg/L	kg/d	--	--	--
Pb (dissolved)		X		< 0.001	< 0.01417	--	--	--	--	1	mg/L	kg/d	--	--	--
Sb (dissolved)		X		< 0.001	< 0.01417	--	--	--	--	1	mg/L	kg/d	--	--	--
Ti (dissolved)		X		< 0.002	< 0.02834	--	--	--	--	1	mg/L	kg/d	--	--	--
As (dissolved)		X		< 0.003	< 0.04251	--	--	--	--	1	mg/L	kg/d	--	--	--
Mo (dissolved)		X		0.003	0.04251	--	--	--	--	1	mg/L	kg/d	--	--	--
Se (dissolved)		X		< 0.003	< 0.04251	--	--	--	--	1	mg/L	kg/d	--	--	--
Sn (dissolved)		X		< 0.003	< 0.04251	--	--	--	--	1	mg/L	kg/d	--	--	--
Ni (dissolved)		X		< 0.005	< 0.07086	--	--	--	--	1	mg/L	kg/d	--	--	--
Nitrate		X		< 0.01	< 0.14171	--	--	--	--	1	mg/L	kg/d	--	--	--
Zn (dissolved)		X		< 0.01	< 0.14171	--	--	--	--	1	mg/L	kg/d	--	--	--
Ba (dissolved)		X		0.018	0.25508	--	--	--	--	1	mg/L	kg/d	--	--	--
Mn (dissolved)		X		0.02	0.28342	--	--	--	--	1	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 020

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	< 3.0	< 7.83495	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	12.79	33.403	--	--	--	--	1	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	7.1	18.5427	--	--	--	--	1	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	< 1	< 2.61165	< 1	< 2.61165	< 1	< 2.61165	12	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	0.07	0.18282	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.69		VALUE 0.5		VALUE 0.22		35	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE 22.0		VALUE --		VALUE --		1	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE 30.9		VALUE --		VALUE --		1	°C		VALUE --		-- --
i. pH	8.93	--	--	--			35	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. 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		2.3	6.0068	--	--	--	--	1	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual	X		< 0.1	< 0.26117	--	--	--	--	35	mg/L	kg/d	--	--	--
c. Color	X		10	--	--	--	--	--	1	PCU	--	--	--	--
d. Fecal Coliform		X	--	--	--	--	--	--	0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)	X		0.151	0.39436	--	--	--	--	1	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*	X		0.22	0.57456	--	--	--	--	1	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 020

1. Pollutant and CAS NO. (If available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	3. EFFLUENT a. MAXIMUM DAY VALUE (2) MASS	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	3. EFFLUENT b. MAXIMUM 30 DAY VALUE (if available) (2) MASS	3. EFFLUENT c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	3. EFFLUENT c. LONG TERM AVG. VALUE (if available) (2) MASS	3. EFFLUENT d. No. OF ANALYSES	4. UNITS (specify if blank) a. CONCENTRATION	4. UNITS (specify if blank) b. MASS	5. INTAKE (optional) a. LONG TERM AVG. VALUE (1) CONCENTRATION	5. INTAKE (optional) a. LONG TERM AVG. VALUE (2) MASS	5. INTAKE (optional) b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic (as N)	X		0.88	2.298	--	--	--	--	1	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 13.058	--	--	--	--	1	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)	X		< 0.05	< 0.131	--	--	--	--	1	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha	X		< 2.65	--	--	--	--	--	1	pCi/L	--	--	--	--
(2) Beta	X		3.66	--	--	--	--	--	1	pCi/L	--	--	--	--
(3) Radium, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
(4) Radium 226, Total		X	--	--	--	--	--	--	0	pCi/L	--	--	--	--
k. Sulfate (as SO_4) (14808-79-8)	X		28.72	75.007	--	--	--	--	1	mg/L	kg/d	--	--	--
l. Sulfide (as S)	X		< 0.05	< 0.131	--	--	--	--	1	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X	--	--	--	--	--	--	0	mg/L	kg/d	--	--	--
n. Surfactants	X		< 0.01	< 0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)	X		0.13	0.340	--	--	--	--	1	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)	X		0.043	0.112	--	--	--	--	1	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)	X		0.15	0.392	--	--	--	--	1	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)	X		< 0.0006	< 0.002	--	--	--	--	1	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)	X		< 0.05	< 0.131	--	--	--	--	1	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)	X		5.42	14.155	--	--	--	--	1	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)	X		0.016	0.042	--	--	--	--	1	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)	X		0.08	0.209	--	--	--	--	1	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)	X		< 0.005	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)	X		< 0.002	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--

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CONTINUED FROM PAGE V-2

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

Part C.

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)	X	X		< 0.001	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2	X	X		< 0.003	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)	X	X		< 0.0002	< 0.001	--	--	--	--	1	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)	X	X		< 0.0003	< 0.001	--	--	--	--	1	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)	X	X		< 0.001	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)	X	X		0.002	0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)	X	X		< 0.001	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)	X	X		< 0.0002	< 0.001	--	--	--	--	1	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)	X	X		< 0.005	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)	X	X		< 0.003	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4	X	X		< 0.0001	< 0.000	--	--	--	--	1	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)	X	X		< 0.0002	< 0.001	--	--	--	--	1	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)	X	X		< 0.01	< 0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)	X	X		< 0.01	< 0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
15M. Phenols, Total	X	X		0.01	0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS	No Sample										

CONTINUED FROM PAGE V-3

OUTFALL NO. 020

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X	X		< 0.01	< 0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)	X	X		< 0.0015	< 0.004	--	--	--	--	1	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)	X	X		< 0.0044	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)	X	X		< 0.0047	< 0.012	--	--	--	--	1	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)	X	X		< 0.0028	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)	X	X		< 0.006	< 0.016	--	--	--	--	1	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)	X	X		< 0.0031	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)	X	X		< 0.0011	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)	X	X		< 0.0012	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)	X	X		< 0.0016	< 0.004	--	--	--	--	1	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)	X	X		< 0.0022	< 0.006	--	--	--	--	1	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)	X	X		< 0.0047	< 0.012	--	--	--	--	1	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)	X	X		< 0.0028	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)	X	X		< 0.0028	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)	X	X		< 0.006	< 0.016	--	--	--	--	1	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)	X	X		< 0.0059	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)	X	X		< 0.0072	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)	X	X		< 0.0014	< 0.004	--	--	--	--	1	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)	X	X		< 0.0011	< 0.003	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 020

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X	X		< 0.0028	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)	X	X		< 0.0069	< 0.018	--	--	--	--	1	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)	X	X		< 0.0041	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)	X	X		< 0.006	< 0.016	--	--	--	--	1	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X	X		< 0.0016	< 0.004	--	--	--	--	1	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)	X	X		< 0.0038	< 0.010	--	--	--	--	1	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)	X	X		< 0.005	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)	X	X		< 0.0019	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)	X	X		< 0.0023	< 0.006	--	--	--	--	1	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)	X	X		< 0.0018	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X	X		< 0.0033	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)	X	X		< 0.0056	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)	X	X		< 0.0052	< 0.014	--	--	--	--	1	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)	X	X		< 0.024	< 0.063	--	--	--	--	1	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)	X	X		< 0.042	< 0.110	--	--	--	--	1	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)	X	X		< 0.0036	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)	X	X		< 0.0024	< 0.006	--	--	--	--	1	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)	X	X		< 0.0075	< 0.020	--	--	--	--	1	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5	X	X		< 0.0036	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)	X	X		< 0.0027	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)	X	X		< 0.0027	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 020

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X	X		< 0.003	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)	X	X		< 0.0035	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)	X	X		< 0.0019	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)	X	X		< 0.063	< 0.165	--	--	--	--	1	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)	X	X		< 0.0078	< 0.020	--	--	--	--	1	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)	X	X		< 0.0048	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)	X	X		< 0.0041	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)	X	X		< 0.0053	< 0.014	--	--	--	--	1	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)	X	X		< 0.0057	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)	X	X		< 0.0057	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)	X	X		< 0.003	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)	X	X		< 0.0046	< 0.012	--	--	--	--	1	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)	X	X		< 0.0042	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)	X	X		< 0.005	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)	X	X		< 0.005	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 020

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)	X	X		< 0.005	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)	X	X		< 0.0165	< 0.043	--	--	--	--	1	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)	X	X		< 0.0074	< 0.019	--	--	--	--	1	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)	X	X		< 0.0075	< 0.020	--	--	--	--	1	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)	X	X		< 0.0064	< 0.017	--	--	--	--	1	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)	X	X		< 0.0057	< 0.015	--	--	--	--	1	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)	X	X		< 0.0034	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)	X	X		< 0.0025	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)	X	X		< 0.0088	< 0.023	--	--	--	--	1	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)	X	X		< 0.0022	< 0.006	--	--	--	--	1	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)	X	X		< 0.0022	< 0.006	--	--	--	--	1	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)	X	X		< 0.0031	< 0.008	--	--	--	--	1	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)	X	X		< 0.0018	< 0.005	--	--	--	--	1	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)	X	X		< 0.01	< 0.026	--	--	--	--	1	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)	X	X		< 0.0024	< 0.006	--	--	--	--	1	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)	X	X		< 0.0037	< 0.010	--	--	--	--	1	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)	X	X		< 0.0051	< 0.013	--	--	--	--	1	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)	X	X		< 0.0038	< 0.010	--	--	--	--	1	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)	X	X		< 0.0042	< 0.011	--	--	--	--	1	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)	X	X		< 0.0062	< 0.016	--	--	--	--	1	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)	X	X		< 0.0036	< 0.009	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 020

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)	X	X		< 0.0027	< 0.007	--	--	--	--	1	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)	X	X		< 0.0054	< 0.014	--	--	--	--	1	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0	X	X		< 0.0038	< 0.010	--	--	--	--	1	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)	X	X		< 0.0079	< 0.021	--	--	--	--	1	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)	X	X		< 0.00005	< 0.0001306	--	--	--	--	1	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)	X	X		< 0.0002	< 0.0005223	--	--	--	--	1	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)	X	X		< 0.0001	< 0.0002612	--	--	--	--	1	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8	X	X		< 0.00005	< 0.0001306	--	--	--	--	1	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) **110001891114**

OUTFALL NO. 020

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)	X	X		< 0.0001	< 0.000261	--	--	--	--	1	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
21P. PCB-1232 (11141-16-5)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)	X	X		< 0.001	< 0.002612	--	--	--	--	1	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)	X	X		< 0.005	< 0.013058	--	--	--	--	1	mg/L	kg/d	--	--	--

Additional Testing Results on 7/19/11 sample

OUTFALL NO. 020

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
Tl (dissolved)		X		< 0.0002	< 0.00052	--	--	--	--	1	mg/L	kg/d	--	--	--
Ti (dissolved)		X		< 0.002	< 0.00522	--	--	--	--	1	mg/L	kg/d	--	--	--
Se (dissolved)		X		< 0.003	< 0.00783	--	--	--	--	1	mg/L	kg/d	--	--	--
Sb (dissolved)		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Pb (dissolved)		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Ni (dissolved)		X		< 0.005	< 0.01306	--	--	--	--	1	mg/L	kg/d	--	--	--
Hg (dissolved)		X		< 0.0002	< 0.00052	--	--	--	--	1	mg/L	kg/d	--	--	--
Cu (dissolved)		X		0.002	0.00522	--	--	--	--	1	mg/L	kg/d	--	--	--
Cr (dissolved)		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Cd (dissolved)		X		< 0.0003	< 0.00078	--	--	--	--	1	mg/L	kg/d	--	--	--
As (dissolved)		X		< 0.003	< 0.00783	--	--	--	--	1	mg/L	kg/d	--	--	--
Ag (dissolved)		X		< 0.0001	< 0.00026	--	--	--	--	1	mg/L	kg/d	--	--	--
Zn (dissolved)		X		< 0.01	< 0.02612	--	--	--	--	1	mg/L	kg/d	--	--	--
Total Hardness as $CaCO_3$		X		35.91	93.7844	--	--	--	--	1	mg/L	kg/d	--	--	--
Chlorides as Cl		X		18.12	47.3231	--	--	--	--	1	mg/L	kg/d	--	--	--
Hydrogen Sulfide		X		< 0.05	< 0.13058	--	--	--	--	1	mg/L	kg/d	--	--	--
Chromium +6 as Cr^{6+}		X		< 0.005	< 0.01306	--	--	--	--	1	mg/L	kg/d	--	--	--
Nonylphenol		X		< 0.01	< 0.02612	--	--	--	--	1	mg/L	kg/d	--	--	--
Kepone		X		< 0.0001	< 0.00026	--	--	--	--	1	mg/L	kg/d	--	--	--
Methoxychlor		X		< 0.0001	< 0.00026	--	--	--	--	1	mg/L	kg/d	--	--	--
Silvex		X		< 0.002	< 0.00522	--	--	--	--	1	mg/L	kg/d	--	--	--
Mirex		X		< 0.0001	< 0.00026	--	--	--	--	1	mg/L	kg/d	--	--	--
Chlorpyrifos		X		< 0.0002	< 0.00052	--	--	--	--	1	mg/L	kg/d	--	--	--
Demeton		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Diazinon		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Guthion		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Malathion		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Parathion		X		< 0.001	< 0.00261	--	--	--	--	1	mg/L	kg/d	--	--	--
Nitrate		X		< 0.01	< 115.548	--	--	--	--	1	mg/L	kg/d	--	--	--
Sn (dissolved)		X		< 0.005	< 57.7742	--	--	--	--	1	mg/L	kg/d	--	--	--
Mo (dissolved)		X		0.015	173.323	--	--	--	--	1	mg/L	kg/d	--	--	--
Co (dissolved)		X		< 0.0006	< 6.93291	--	--	--	--	1	mg/L	kg/d	--	--	--
Be (dissolved)		X		< 0.0002	< 2.31097	--	--	--	--	1	mg/L	kg/d	--	--	--
Ba (dissolved)		X		0.041	473.749	--	--	--	--	1	mg/L	kg/d	--	--	--
Mn (dissolved)		X		0.02	231.097	--	--	--	--	1	mg/L	kg/d	--	--	--
Mg (dissolved)		X		5.78	66787	--	--	--	--	1	mg/L	kg/d	--	--	--
Fe (dissolved)		X		< 0.05	< 577.742	--	--	--	--	1	mg/L	kg/d	--	--	--
Al (dissolved)		X		< 0.09	< 1039.94	--	--	--	--	1	mg/L	kg/d	--	--	--
TDS		X		173	1998989	--	--	--	--	1	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 101

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	No sample						0	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 2521		VALUE 2488		VALUE 1839		36	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE 85		VALUE 82		VALUE 75		18	°F		VALUE 51		-- 18
h. Temperature (*summer*)	VALUE 103		VALUE 101		VALUE 93		18	°F		VALUE 78		-- 18
i. pH	--		--	--			0	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 101

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'		3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION														
g. Nitrogen, Total Organic (*as N*)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease		X							0	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (*as SO_4*) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (*as S*)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-2

EPA I.D. NUMBER (copy from Item 1 of Form 1)	OUTFALL NO. 101
110001891114	

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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 101

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 101

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 101

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2 Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 101

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 101

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114 | OUTFALL NO. 101

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 103

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	14.5	18.18			6.93	8.69	3	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.3312		VALUE --		VALUE 0.312		3	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.68		--	–			3	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-3

OUTFALL NO. 103

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 103

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'		3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION														
g. Nitrogen, Total Organic (*as N*)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease	X		3.20	4.01			2.47	3.10	3	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (*as SO_4*) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (*as S*)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1)	110001891114	OUTFALL NO. 103

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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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-4

OUTFALL NO. 103

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108 88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1 Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2 Trichloroethane (79-00 5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01 4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 103

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 103

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 103

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

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CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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. 104

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	2.8	3.05			2.43	2.65	3	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.288		VALUE --		VALUE 0.288		3	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.31		--	--			3	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 104

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS *(specify if blank)* a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVG. VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVG. VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic *(as N)*		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 5.45			< 5	< 5.45	3	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate *(as SO_4)* (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide *(as S)*		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

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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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 104

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 104

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	.	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 104

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 104

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 104

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) 11000189114

OUTFALL NO. 104

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (continued)															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 105

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	No sample						0	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.1008		VALUE --		VALUE 0.0839		16	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.9		--	--			16	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 105

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'		3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION														
g. Nitrogen, Total Organic (*as N*)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease		X							0	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (*as SO_4*) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (*as S*)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1)	110001891114	OUTFALL NO. 105

CONTINUED FROM PAGE V-2

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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)		X		0.008	0.003			0.0034	0.0013	9	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)		X		0.795	0.303			0.406	0.155	9	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 105

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 105

1. Pollutant and CAS NO. (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 105

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 105

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 105

1. Pollutant and CAS NO. (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114

OUTFALL NO. 105

CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11141-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 107

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand (*BOD*)	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand (*COD*)	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon (*TOC*)	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids (*TSS*)	No sample						0	mg/L	kg/d	--	--	--
e. Ammonia (*as N*)	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 18		VALUE --		VALUE 15.4		7	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	No sample		--	--			0	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual	X		0.1	6.81	0.1	6.81	0.06	4.09	7	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite (*as N*)		X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 107

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 107

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS *(specify if blank)* a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVG. VALUE (1) CONCENTRATION	a. LONG TERM AVG. VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic *(as N)*		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease		X							0	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate *(as SO_4)* (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide *(as S)*		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114	OUTFALL NO. 107

CONTINUED FROM PAGE V-2

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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 107

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 107

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 107

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	-
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 107

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131 - 11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 107

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114 | OUTFALL NO. 107

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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. 108

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	No sample						0	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.15		VALUE --		VALUE 0.15		2	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.28		--	--			2	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 108

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'		3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION														
g. Nitrogen, Total Organic (*as N*)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease		X							0	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (*as SO_4*) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (*as S*)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

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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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 108

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 108

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 108

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 108

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 108

1. Pollutant and CAS NO. (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-8

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114 | OUTFALL NO. 108

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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. 109

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	< 1	<4.36	--	--	--	--	1	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 1.152		VALUE --		VALUE --		1	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.55		--	--			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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 109

1. Pollutant and CAS NO. (If available)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS (specify if blank) a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (optional) a. LONG TERM AVG. VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVG. VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic (as N)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 21.80	--	--	--	--	1	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (as SO_4) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (as S)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1)	110001891114	OUTFALL NO. 109

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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

Part C.

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 109

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 109

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127 18 4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2 Trans-Dichloroethylene (156 60 5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1 Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75 69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2 Chlorophenol (95 57 8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100 02 7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 109

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2 Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 109

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 109

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

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CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260. (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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

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

OUTFALL NO. 110

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	< 1	<0.52	--	--	< 1	< 0.52	2	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.1368		VALUE --		VALUE 0.1368		2	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.68		--	--			2	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 110

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (*if available*) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE (*if available*) (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS (*specify if blank*) a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (*optional*) a. LONG TERM AVG. VALUE (1) CONCENTRATION	a. LONG TERM AVG. VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic (*as N*)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 2.59	--	--	< 5	< 2.59	2	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (*as SO_4*) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (*as S*)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

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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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 110

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 110

1. Pollutant and CAS NO. (if available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 110

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 110

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	-	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	-	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 110

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

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CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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

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

OUTFALL NO. 112

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

1. Pollutant	2. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. No. OF ANALYSES	3. UNITS (specify if blank) a. CONCENTRATION	b. MASS	4. INTAKE (optional) a. LONG TERM AVG. VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	< 1	<0.98	--	--	< 1	< 0.98	3	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.2592		VALUE --		VALUE 0.2037		3	MGD	--	VALUE --		-- --
g. Temperature *(winter)*	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature *(summer)*	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.68		--	--			3	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' b. Believed Present	c. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	(2) MASS	b. MAXIMUM 30 DAY VALUE (if available) (1) CONCENTRATION	(2) MASS	c. LONG TERM AVG. VALUE (if available) (1) CONCENTRATION	(2) MASS	d. No. OF ANALYSES	4. UNITS (specify if blank) a. CONCENTRATION	b. MASS	5. INTAKE (optional) a. LONG TERM AVG. VALUE (1) CONCENTRATION	(2) MASS	b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 112

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X' a. Believed Present	2. MARK 'X' b. Believed Absent	3. EFFLUENT a. MAXIMUM DAY VALUE (1) CONCENTRATION	a. MAXIMUM DAY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE *(if available)* (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (2) MASS	c. LONG TERM AVG. VALUE *(if available)* (1) CONCENTRATION	c. LONG TERM AVG. VALUE (2) MASS	d. No. OF ANALYSES	4. UNITS *(specify if blank)* a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE *(optional)* a. LONG TERM AVG. VALUE (1) CONCENTRATION	a. LONG TERM AVG. VALUE (2) MASS	b. NO. OF ANALYSES
GC/MS FRACTION														
g. Nitrogen, Total Organic *(as N)*		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 4.91	--	--	< 5	< 4.91	3	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate *(as SO_4)* (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide *(as S)*		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

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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

Part C.

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 112

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 112

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 112

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 112

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 112

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

EPA I.D. NUMBER (copy from Item 1 of Form 1) 110001891114

OUTFALL NO. 112

CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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)
110001891114

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

OUTFALL NO. 113

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	< 1	<0.98	--	--	< 1	< 0.98	3	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE 0.2592		VALUE --		VALUE 0.2037		3	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	7.68		--	--			3	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 113

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'		3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION														
g. Nitrogen, Total Organic (*as N*)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease	X		< 5	< 4.91	--	--	< 5	< 4.91	3	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (*as SO_4*) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (*as S*)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

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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

Part C.

1. Pollutant and CAS NO. *(if available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 113

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 113

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75 69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 113

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 113

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131 - 11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi- N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 113

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

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OUTFALL NO. 113

CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS *(specify if blank)*		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES *(continued)*															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11131-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

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

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

OUTFALL NO. 115

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

1. Pollutant	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if availale*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biological Oxygen Demand *(BOD)*	No sample						0	mg/L	kg/d	--	--	--
b. Chemical Oxygen Demand *(COD)*	No sample						0	mg/L	kg/d	--	--	--
c. Total Organic Carbon *(TOC)*	No sample						0	mg/L	kg/d	--	--	--
d. Total Suspended Solids *(TSS)*	No sample						0	mg/L	kg/d	--	--	--
e. Ammonia *(as N)*	No sample						0	mg/L	kg/d	--	--	--
f. Flow	VALUE No flow in past two permit terms		VALUE		VALUE		0	MGD	--	VALUE --		-- --
g. Temperature (*winter*)	VALUE No sample		VALUE --		VALUE --		0	°C		VALUE --		-- --
h. Temperature (*summer*)	VALUE No sample		VALUE		VALUE --		0	°C		VALUE --		-- --
i. pH	No sample		--	--			0	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 (*specify if blank*)		5. INTAKE (*optional*)		
	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (if availale)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X							0	mg/L	kg/d	--	--	--
b. Chlorine, Total Residual		X							0	mg/L	kg/d	--	--	--
c. Color		X							0	NTU	--	--	--	--
d. Fecal Coliform		X							0	COL/100ml	--	--	--	--
e. Fluoride (16984-48-8)		X							0	mg/L	kg/d	--	--	--
f. Nitrate - Nitrite *(as N)*		X							0	mg/L	kg/d	--	--	--

ITEM V-B CONTINUED

OUTFALL NO. 115

1. Pollutant and CAS NO. (If available)	2. MARK 'X'		3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION														
g. Nitrogen, Total Organic (as N)		X							0	mg/L	kg/d	--	--	--
h. Oil & Grease		X							0	mg/L	kg/d	--	--	--
i. Phosphorus (as P), Total (7723-14-0)		X							0	mg/L	kg/d	--	--	--
j. Radioactivity														
(1) Alpha		X							0	pCi/L	--	--	--	--
(2) Beta		X							0	pCi/L	--	--	--	--
(3) Radium, Total		X							0	pCi/L	--	--	--	--
(4) Radium 226, Total		X							0	pCi/L	--	--	--	--
k. Sulfate (as SO_4) (14808-79-8)		X							0	mg/L	kg/d	--	--	--
l. Sulfide (as S)		X							0	mg/L	kg/d	--	--	--
m. Sulfite (as SO_3) (14265-45-3)		X							0	mg/L	kg/d	--	--	--
n. Surfactants		X							0	mg/L	kg/d	--	--	--
o. Aluminum, Total (7429-90-5)		X							0	mg/L	kg/d	--	--	--
p. Barium Total (7440-39-3)		X							0	mg/L	kg/d	--	--	--
q. Boron, Total (7440-42-8)		X							0	mg/L	kg/d	--	--	--
r. Cobalt, Total (7440-48-4)		X							0	mg/L	kg/d	--	--	--
s. Iron, Total (7439-89-6)		X							0	mg/L	kg/d	--	--	--
t. Magnesium, Total (7439-95-4)		X							0	mg/L	kg/d	--	--	--
u. Molybdenum, Total (7439-98-7)		X							0	mg/L	kg/d	--	--	--
v. Manganese, Total (7439-96-5)		X							0	mg/L	kg/d	--	--	--
w. Tin, Total (7440-31-5)		X							0	mg/L	kg/d	--	--	--
x. Titanium, Total (7440-32-6)		X							0	mg/L	kg/d	--	--	--

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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

Part C.

1. Pollutant and CAS NO. *(If available)*	2. MARK 'X'			3. EFFLUENT							4. UNITS		5. INTAKE *(optional)*		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE *(if available)*		c. LONG TERM AVG. VALUE *(if available)*		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X							0	mg/L	kg/d	--	--	--
2M. Arsenic, Total (7440-38-2			X							0	mg/L	kg/d	--	--	--
3M. Beryllium, Total (7440-41-7)			X							0	mg/L	kg/d	--	--	--
4M. Cadmium, Total (7440-43-9)			X							0	mg/L	kg/d	--	--	--
5M. Chromium, Total (7440-47-3)			X							0	mg/L	kg/d	--	--	--
6M. Copper, Total (7440-50-8)			X							0	mg/L	kg/d	--	--	--
7M. Lead, Total (7439-92-1)			X							0	mg/L	kg/d	--	--	--
8M. Mercury, Total (7439-97-6)			X							0	mg/L	kg/d	--	--	--
9M. Nickel, Total (7440-02-0)			X							0	mg/L	kg/d	--	--	--
10M. Selenium, Total (7782-49-2)			X							0	mg/L	kg/d	--	--	--
11M. Silver, Total (7440-22-4			X							0	mg/L	kg/d	--	--	--
12M. Thallium, Total (7440-28-0)			X							0	mg/L	kg/d	--	--	--
13M. Zinc, Total (7440-66-6)			X							0	mg/L	kg/d	--	--	--
14M. Cyanide, Total (57-12-5)			X							0	mg/L	kg/d	--	--	--
15M. Phenols, Total			X							0	mg/L	kg/d	--	--	--
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P Dioxin (1764-01-6)			X	DESCRIBE RESULTS No Sample											

CONTINUED FROM PAGE V-3

OUTFALL NO. 115

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X							0	mg/L	kg/d	--	--	--
2V. Acrylonitrile (107-13-1)			X							0	mg/L	kg/d	--	--	--
3V. Benzene (71-43-2)			X							0	mg/L	kg/d	--	--	--
4V. Bis (Chloromethyl) Ether (542-88-1)				Not Required		Not Required		Not Required		0					
5V. Bromoform (75-25-2)			X							0	mg/L	kg/d	--	--	--
6V. Carbon Tetrachloride (56-23-5)			X							0	mg/L	kg/d	--	--	--
7V. Chlorobenzene (108-90-7)			X							0	mg/L	kg/d	--	--	--
8V. Chlorodibromomethane (124-48-1)			X							0	mg/L	kg/d	--	--	--
9V. Chloroethane (75-00-3)			X							0	mg/L	kg/d	--	--	--
10V. 2-Chloroethylvinyl Ether (110-75-8)			X							0	mg/L	kg/d	--	--	--
11V. Chloroform (67-66-3)			X							0	mg/L	kg/d	--	--	--
12V. Dichlorobromomethane (75-27-4)			X							0	mg/L	kg/d	--	--	--
13V. Dichlorodifluoromethane (75-71-8)				Not Required		Not Required		Not Required		0					
14V. 1,1-Dichloroethane (75-34-3)			X							0	mg/L	kg/d	--	--	--
15V. 1,2-Dichloroethane (107-06-2)			X							0	mg/L	kg/d	--	--	--
16V. 1,1-Dichloroethylene (75-35-4)			X							0	mg/L	kg/d	--	--	--
17V. 1,2-Dichloropropane (78-87-5)			X							0	mg/L	kg/d	--	--	--
18V. 1,3-Dichloropropylene (542-75-6)			X							0	mg/L	kg/d	--	--	--
19V. Ethylbenzene (100-41-4)			X							0	mg/L	kg/d	--	--	--
20V. Methyl Bromide (74-83-9)			X							0	mg/L	kg/d	--	--	--
21V. Methyl Chloride (74-87-3)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-4

OUTFALL NO. 115

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (specify if blank)		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (if available)		c. LONG TERM AVG. VALUE (if available)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - VOLATILE COMPOUNDS (continued)															
22V. Methylene Chloride (75-09-2)			X							0	mg/L	kg/d	--	--	--
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X							0	mg/L	kg/d	--	--	--
24V. Tetrachloroethylene (127-18-4)			X							0	mg/L	kg/d	--	--	--
25V. Toluene (108-88-3)			X							0	mg/L	kg/d	--	--	--
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X							0	mg/L	kg/d	--	--	--
27V. 1,1,1-Trichloroethane (71-55-6)			X							0	mg/L	kg/d	--	--	--
28V. 1,1,2-Trichloroethane (79-00-5)			X							0	mg/L	kg/d	--	--	--
29V Trichloroethylene (79-01-6)			X							0	mg/L	kg/d	--	--	--
30V. Trichlorofluoromethane (75-69-4)			X							0	mg/L	kg/d			
31V. Vinyl Chloride (75-01-4)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X							0	mg/L	kg/d	--	--	--
2A. 2,4-Dichlorophenol (120-83-2)			X							0	mg/L	kg/d	--	--	--
3A. 2,4-Dimethylphenol (105-67-9)			X							0	mg/L	kg/d	--	--	--
4A. 4,6-Dinitro-OCresol (534-52-1)			X							0	mg/L	kg/d	--	--	--
5A. 2,4-Dinitrophenol (51-28-5)			X							0	mg/L	kg/d	--	--	--
6A. 2-Nitrophenol (88-75-5)			X							0	mg/L	kg/d	--	--	--
7A. 4-Nitrophenol (100-02-7)			X							0	mg/L	kg/d	--	--	--
8A. P-Chloro-MCresol (59-50-7)			X							0	mg/L	kg/d	--	--	--
9A. Pentachlorophenol (87-86-5			X							0	mg/L	kg/d	--	--	--
10A. Phenol (108-95-2)			X							0	mg/L	kg/d	--	--	--
11A. 2,4,6-Trichlorophenol (88-05-2)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-5

OUTFALL NO. 115

1. Pollutant and CAS NO. (If available)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)			X							0	mg/L	kg/d	--	--	--
2B. Acenaphtylene (208-96-8)			X							0	mg/L	kg/d	--	--	--
3B. Anthracene (120-12-7)			X							0	mg/L	kg/d	--	--	--
4B. Benzidine (92-87-5)			X							0	mg/L	kg/d	--	--	--
5B. Benzo (a) Anthracene (56-55-3)			X							0	mg/L	kg/d	--	--	--
6B. Benzo (a) Pyrene (50-32-8)			X							0	mg/L	kg/d	--	--	--
7B. 3,4-Benzofluoranthene (205-99-2)			X							0	mg/L	kg/d	--	--	--
8B. Benzo (ghi) Perylene (191-24-2)			X							0	mg/L	kg/d	--	--	--
9B. Benzo (k) Fluoranthene (207-08-9)			X							0	mg/L	kg/d	--	--	--
10B. Bis (2-Chloroethoxy) Methane (111-91-1)			X							0	mg/L	kg/d	--	--	--
11B. Bis (2-Chloroethyl) Ether (111-44-4)			X							0	mg/L	kg/d	--	--	--
12B. Bis (2-Chloroisopropyl) Ether (102-80-1)			X							0	mg/L	kg/d	--	--	--
13B. Bis (2-Ethylhexyl) Phthalate (117-81-7)			X							0	mg/L	kg/d	--	--	--
14B. 4-BromophenylPhenyl Ether (101-55-3)			X							0	mg/L	kg/d	--	--	--
15B. Butyl Benzyl Phthalate (85-68-7)			X							0	mg/L	kg/d	--	--	--
16B. 2-Chloronaphthalene (91-58-7)			X							0	mg/L	kg/d	--	--	--
17B. 4-Chlorophenyl Phenyl Ether (7005-72-3)			X							0	mg/L	kg/d	--	--	--
18B. Chrysene (218-01-9)			X							0	mg/L	kg/d	--	--	--
19B. Dibenzo (a,h) Anthracene (53-70-3)			X							0	mg/L	kg/d	--	--	--
20B. 1,2-Dichlorobenzene (95-50-1)			X							0	mg/L	kg/d	--	--	--
21B. 1,3-Di-chlorobenzene (541-73-1)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-6

OUTFALL NO. 115

1. Pollutant and CAS NO. (*If available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
22B. 1,4-Dichlorobenzene (106-46-7)			X							0	mg/L	kg/d	--	--	--
23B. 3,3-Dichlorobenzidine (91-94-1)			X							0	mg/L	kg/d	--	--	--
24B. Diethyl Phthalate (84-66-2)			X							0	mg/L	kg/d	--	--	--
25B. Dimethyl Phthalate (131-11-3)			X							0	mg/L	kg/d	--	--	--
26B. Di-N-Butyl Phthalate (84-74-2)			X							0	mg/L	kg/d	--	--	--
27B. 2,4-Dinitrotoluene (121-14-2)			X							0	mg/L	kg/d	--	--	--
28B. 2,6-Dinitrotoluene (606-20-2)			X							0	mg/L	kg/d	--	--	--
29B. Di-N-Octyl Phthalate (117-84-0)			X							0	mg/L	kg/d	--	--	--
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X							0	mg/L	kg/d	--	--	--
31B. Fluoranthene (206-44-0)			X							0	mg/L	kg/d	--	--	--
32B. Fluorene (86-73-7)			X							0	mg/L	kg/d	--	--	--
33B. Hexachlorobenzene (118-74-1)			X							0	mg/L	kg/d	--	--	--
34B. Hexachlorobutadiene (87-68-3)			X							0	mg/L	kg/d	--	--	--
35B. Hexachlorocyclopentadiene (77-47-4)			X							0	mg/L	kg/d	--	--	--
36B Hexachloroethane (67-72-1)			X							0	mg/L	kg/d	--	--	--
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X							0	mg/L	kg/d	--	--	--
38B. Isophorone (78-59-1)			X							0	mg/L	kg/d	--	--	--
39B. Naphthalene (91-20-3)			X							0	mg/L	kg/d	--	--	--
40B. Nitrobenzene (98-95-3)			X							0	mg/L	kg/d	--	--	--
41B. N-Nitrosodimethylamine (62-75-9)			X							0	mg/L	kg/d	--	--	--
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X							0	mg/L	kg/d	--	--	--

CONTINUED FROM PAGE V-7

OUTFALL NO. 115

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (continued)															
43B. N-Nitrosodiphenylamine (86-30-6)			X							0	mg/L	kg/d	--	--	--
44B. Phenanthrene (85-01-8)			X							0	mg/L	kg/d	--	--	--
45B. Pyrene (129-00-0			X							0	mg/L	kg/d	--	--	--
46B. 1,2,4-Trichlorobenzene (120-82-1)			X							0	mg/L	kg/d	--	--	--
GC/MS FRACTION - PESTICIDES															
1P. Aldrin (309-00-2)			X							0	mg/L	kg/d	--	--	--
2P. α-BHC (319-84-6)			X							0	mg/L	kg/d	--	--	--
3P. β-BHC (319-85-7)			X							0	mg/L	kg/d	--	--	--
4P. γ-BHC (58-89-9)			X							0	mg/L	kg/d	--	--	--
5P. δ-BHC (319-86-8)			X							0	mg/L	kg/d	--	--	--
6P. Chlordane (57-74-9)			X							0	mg/L	kg/d	--	--	--
7P. 4,4'-DDT (50-29-3)			X							0	mg/L	kg/d	--	--	--
8P. 4,4'-DDE (72-55-9)			X							0	mg/L	kg/d	--	--	--
9P. 4,4'-DDD (72-54-8)			X							0	mg/L	kg/d	--	--	--
10P. Dieldrin (60-57-1)			X							0	mg/L	kg/d	--	--	--
11P. α-Enosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
12P. β-Endosulfan (115-29-7)			X							0	mg/L	kg/d	--	--	--
13P. Endosulfan Sulfate (1031-07-8)			X							0	mg/L	kg/d	--	--	--
14P. Endrin (72-20-8			X							0	mg/L	kg/d	--	--	--
Aldehyde (7421-93-4)			X							0	mg/L	kg/d	--	--	--
16P. Heptachlor (76-44-8			X							0	mg/L	kg/d	--	--	--

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110001891114	

CONTINUED FROM PAGE V-8

1. Pollutant and CAS NO. (*if available*)	2. MARK 'X'			3. EFFLUENT							4. UNITS (*specify if blank*)		5. INTAKE (*optional*)		
	a. Testing Required	b. Believed Present	c. Believed Absent	a. MAXIMUM DAY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVG. VALUE (*if available*)		d. No. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVG. VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION - PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)			X							0	mg/L	kg/d	--	--	--
18P. PCB-1242 (53469-21-9)			X							0	mg/L	kg/d	--	--	--
19P. PCB-1254 (11097-69-1)			X							0	mg/L	kg/d	--	--	--
20P. PCB-1221 (11104-28-2)			X							0	mg/L	kg/d	--	--	--
21P. PCB-1232 (11141-16-5)			X							0	mg/L	kg/d	--	--	--
22P. PCB-1248 (12672-29-6)			X							0	mg/L	kg/d	--	--	--
23P. PCB-1260 (11096-82-5)			X							0	mg/L	kg/d	--	--	--
24P. PCB-1016 (12674-11-2)			X							0	mg/L	kg/d	--	--	--
25P. Toxaphene (8001-35-2)			X							0	mg/L	kg/d	--	--	--

EPA Form 2A

FACILITY NAME AND PERMIT NUMBER:
Dominion North Anna Power Station Units 1&2 STP VA0052451

Form Approved 1/14/99
OMB Number 2040-0086

FORM **2A** NPDES

NPDES FORM 2A APPLICATION OVERVIEW

APPLICATION OVERVIEW

Form 2A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form 2A you must complete.

BASIC APPLICATION INFORMATION:

A. **Basic Application Information for all Applicants.** All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.

B. **Additional Application Information for Applicants with a Design Flow ≥ 0.1 mgd.** All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.

C. **Certification.** All applicants must complete Part C (Certification).

SUPPLEMENTAL APPLICATION INFORMATION:

D. **Expanded Effluent Testing Data.** A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):

1. Has a design flow rate greater than or equal to 1 mgd,
2. Is required to have a pretreatment program (or has one in place), or
3. Is otherwise required by the permitting authority to provide the information.

E. **Toxicity Testing Data.** A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):

1. Has a design flow rate greater than or equal to 1 mgd,
2. Is required to have a pretreatment program (or has one in place), or
3. Is otherwise required by the permitting authority to submit results of toxicity testing.

F. **Industrial User Discharges and RCRA/CERCLA Wastes.** A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:

1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and
2. Any other industrial user that:
   a. Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or
   b. Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or
   c. Is designated as an SIU by the control authority.

G. **Combined Sewer Systems.** A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).

ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)

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BASIC APPLICATION INFORMATION

PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS:

All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet.

A.1. Facility Information.

Facility name: Dominion - North Anna Power Station

Mailing Address: 1022 Haley Drive
Louisa, Virginia 23117

Contact person: Randy Markey

Title: Environmental Compliance Coordinator

Telephone number: (540) 894-2856

Facility Address (not P.O. Box): 1022 Haley Drive
Louisa, Virginia 23117

A.2. Applicant Information. If the applicant is different from the above, provide the following:

Applicant name: Virginia Electric & Power Company

Mailing Address: 5000 Dominion Boulevard
Glen Allen, Virginia 23060

Contact person: Cathy C. Taylor

Title: Director, Electric Environmental Services

Telephone number: (804) 273-2929

Is the applicant the owner or operator (or both) of the treatment works?

✓ owner ✓ operator

Indicate whether correspondence regarding this permit should be directed to the facility or the applicant.

✓ facility ✓ applicant

A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatment works (include state-issued permits).

NPDES	VA0052451; VAR10-10-101574	PSD	
UIC		Other	51-109-00025 FESOP
RCRA	VAD065376279 (Small Quantity Generator)	Other	VWP10-1496

A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.).

Name	Population Served	Type of Collection System	Ownership
North Anna Power Station	950	Separate	Private

Total population served 950

A.5. Indian Country.

a. Is the treatment works located in Indian Country?

____ Yes ✓ No

b. Does the treatment works discharge to a receiving water that is either in Indian Country or that is upstream from (and eventually flows through) Indian Country?

____ Yes ✓ No

A.6. Flow. Indicate the design flow rate of the treatment plant (i.e., the wastewater flow rate that the plant was built to handle). Also provide the average daily flow rate and maximum daily flow rate for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to this application submittal.

a. Design flow rate 0.03 mgd

	Two Years Ago	Last Year	This Year	
b. Annual average daily flow rate	0.0058	0.0053	0.0062	mgd
c. Maximum daily flow rate	0.0117	0.0121	0.0129	mgd

A.7. Collection System. Indicate the type(s) of collection system(s) used by the treatment plant. Check all that apply. Also estimate the percent contribution (by miles) of each.

✓ Separate sanitary sewer 100 %

____ Combined storm and sanitary sewer ____ %

A.8. Discharges and Other Disposal Methods.

a. Does the treatment works discharge effluent to waters of the U.S.? ____ Yes ✓ No

If yes, list how many of each of the following types of discharge points the treatment works uses: The outfall is an internal outfall.

i. Discharges of treated effluent 1

ii. Discharges of untreated or partially treated effluent 0

iii. Combined sewer overflow points 0

iv. Constructed emergency overflows (prior to the headworks) 0

v. Other ____ 0

b. Does the treatment works discharge effluent to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the U.S.? ____ Yes ✓ No

If yes, provide the following for each surface impoundment:

Location: N/A

Annual average daily volume discharged to surface impoundment(s) N/A mgd

Is discharge ____ continuous or ____ intermittent?

c. Does the treatment works land-apply treated wastewater? ____ Yes ✓ No

If yes, provide the following for each land application site:

Location: N/A

Number of acres: N/A

Annual average daily volume applied to site: N/A Mgd

Is land application ____ continuous or ____ intermittent?

d. Does the treatment works discharge or transport treated or untreated wastewater to another treatment works? ____ Yes ✓ No

If yes, describe the mean(s) by which the wastewater from the treatment works is discharged or transported to the other treatment works (e.g., tank truck, pipe).

N/A

If transport is by a party other than the applicant, provide:

Transporter name: N/A

Mailing Address: _____

Contact person: _____

Title: _____

Telephone number: _____

For each treatment works that receives this discharge, provide the following:

Name: N/A

Mailing Address: _____

Contact person: _____

Title: _____

Telephone number: _____

If known, provide the NPDES permit number of the treatment works that receives this discharge. _____

Provide the average daily flow rate from the treatment works into the receiving facility. _____ mgd

e. Does the treatment works discharge or dispose of its wastewater in a manner not included in A.8.a through A.8.d above (e.g., underground percolation, well injection)? ____ Yes ✓ No

If yes, provide the following for each disposal method:

Description of method (including location and size of site(s) if applicable):

N/A

Annual daily volume disposed of by this method: N/A

Is disposal through this method ____ continuous or ____ intermittent?

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WASTEWATER DISCHARGES:

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 **once for each outfall** (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. **If you answered "no" to question A.8.a**, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

A.9. Description of Outfall.

a. Outfall number: 111 (Internal Outfall to 001)

b. Location: Louisa County, Virginia 23117
(City or town, if applicable) (Zip Code)
(County) (State)
38° 03' 46" (Latitude) -77° 47' 13.4" (Longitude)

c. Distance from shore (if applicable): 0 ft.

d. Depth below surface (if applicable): 0 ft.

e. Average daily flow rate: 0.0058 mgd

f. Does this outfall have either an intermittent or a periodic discharge? ____ Yes ✓ No (go to A.9.g.)

If yes, provide the following information:

Number of times per year discharge occurs: n/a

Average duration of each discharge: n/a

Average flow per discharge: n/a mgd

Months in which discharge occurs: n/a

g. Is outfall equipped with a diffuser? ____ Yes ✓ No

A.10. Description of Receiving Waters.

a. Name of receiving water: North Anna PS Discharge Canal and Waste Heat Treatment Facility to Lake Anna

b. Name of watershed (if known): North Anna River

United States Soil Conservation Service 14-digit watershed code (if known): n/a

c. Name of State Management/River Basin (if known): York River

United States Geological Survey 8-digit hydrologic cataloging unit code (if known): n/a

d. Critical low flow of receiving stream (if applicable):
acute n/a cfs chronic n/a cfs

e. Total hardness of receiving stream at critical low flow (if applicable): n/a mg/l of $CaCO_3$

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A.11. Description of Treatment.

a. What levels of treatment are provided? Check all that apply.

✓ Primary ✓ Secondary

____ Advanced ____ Other. Describe: ____

b. Indicate the following removal rates (as applicable):

Design BOD_5 removal or Design $CBOD_5$ removal	85	%
Design SS removal	85	%
Design P removal	n/a	%
Design N removal	n/a	%
Other ____		%

c. What type of disinfection is used for the effluent from this outfall? If disinfection varies by season, please describe.

Chlorination

If disinfection is by chlorination, is dechlorination used for this outfall? ____ Yes ✓ No

d. Does the treatment plant have post aeration? ____ Yes ✓ No

A.12. Effluent Testing Information. All Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three samples and must be no more than four and one-half years apart.

Outfall number: 111

PARAMETER	MAXIMUM DAILY VALUE		AVERAGE DAILY VALUE		
	Value	Units	Value	Units	Number of Samples
pH (Minimum)	6.47	s.u.			
pH (Maximum)	7.42	s.u.			
Flow Rate	0.0222	MGD	0.0058	MGD	1096
Temperature (Winter) Nov - April	20.9	degrees C	12.4	degrees C	18
Temperature (Summer) May - Oct	29.1	degrees C	25.6	degrees C	16

* For pH please report a minimum and a maximum daily value

POLLUTANT		MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
		Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.								
BIOCHEMICAL OXYGEN	BOD-5	24	mg/L	13	mg/L	6	SM 5210B	2 mg/L
DEMAND (Report one)	CBOD-5							
FECAL COLIFORM		1600	MPN	<535	MPN	3	9221E	1 MPN/100 mL
TOTAL SUSPENDED SOLIDS (TSS)		22.7	mg/L	12.9	mg/L	12	SM 2540D	1 mg/L

END OF PART A.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

BASIC APPLICATION INFORMATION

N/A

PART B. ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).

All applicants with a design flow rate ≥ 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).

B.1. Inflow and Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.

_____gpd

Briefly explain any steps underway or planned to minimize inflow and infiltration.

_____

_____

B.2. Topographic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. This map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show the entire area.)

a. The area surrounding the treatment plant, including all unit processes.

b. The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.

c. Each well where wastewater from the treatment plant is injected underground.

d. Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.

e. Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.

f. If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.

B.3. Process Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g, chlorination and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily flow rates between treatment units. Include a brief narrative description of the diagram.

B.4. Operation/Maintenance Performed by Contractor(s).

Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? ____Yes ____No

If yes, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional pages if necessary).

Name: _____

Mailing Address: _____

_____

Telephone Number: _____

Responsibilities of Contractor: _____

B.5. Scheduled Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or uncompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the treatment works has several different implementation schedules or is planning several improvements, submit separate responses to question B.5 for each. (If none, go to question B.6.)

a. List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.

_____

b. Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.

____Yes ____No

c If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

_____

d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

Implementation Stage	Schedule MM / DD / YYYY	Actual Completion MM / DD / YYYY
– Begin construction	___/ ___/ _____	___/ ___/ _____
– End construction	___/ ___/ _____	___/ ___/ _____
– Begin discharge	___/ ___/ _____	___/ ___/ _____
– Attain operational level	___/ ___/ _____	___/ ___/ _____

e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? ____Yes ____No

Describe briefly: _____

_____

B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number:_____

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
AMMONIA (as N)							
CHLORINE (TOTAL RESIDUAL, TRC)							
DISSOLVED OXYGEN							
TOTAL KJELDAHL NITROGEN (TKN)							
NITRATE PLUS NITRITE NITROGEN							
OIL and GREASE							
PHOSPHORUS (Total)							
TOTAL DISSOLVED SOLIDS (TDS)							
OTHER							

END OF PART B.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER:

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BASIC APPLICATION INFORMATION

PART C. CERTIFICATION

All applicants must complete the Certification Section. Refer to instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form 2A, as explained in the Application Overview. Indicate below which parts of Form 2A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form 2A and have completed all sections that apply to the facility for which this application is submitted.

Indicate which parts of Form 2A you have completed and are submitting:

✓ Basic Application Information packet

Supplemental Application Information packet:

_____ Part D (Expanded Effluent Testing Data)

_____ Part E (Toxicity Testing: Biomonitoring Data)

_____ Part F (Industrial User Discharges and RCRA/CERCLA Wastes)

_____ Part G (Combined Sewer Systems)

ALL APPLICANTS MUST COMPLETE THE FOLLOWING 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 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.

Name and official title: Daniel G. Stoddard, Senior VP Nuclear Operations

Signature: Dan Stoddard

Telephone number: (804) 273-4390

Date signed: 4/9/12

Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.

SEND COMPLETED FORMS TO:

FACILITY NAME AND PERMIT NUMBER:

Dominion North Anna Power Station Units 1&2 STP VA0052451

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SUPPLEMENTAL APPLICATION INFORMATION

N/A

PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
METALS (TOTAL RECOVERABLE), CYANIDE, PHENOLS, AND HARDNESS.											
ANTIMONY											
ARSENIC											
BERYLLIUM											
CADMIUM											
CHROMIUM											
COPPER											
LEAD											
MERCURY											
NICKEL											
SELENIUM											
SILVER											
THALLIUM											
ZINC											
CYANIDE											
TOTAL PHENOLIC COMPOUNDS											
HARDNESS (AS $CaCO_3$)											
Use this space (or a separate sheet) to provide information on other metals requested by the permit writer.											

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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
VOLATILE ORGANIC COMPOUNDS.											
ACROLEIN											
ACRYLONITRILE											
BENZENE											
BROMOFORM											
CARBON TETRACHLORIDE											
CLOROBENZENE											
CHLORODIBROMO-METHANE											
CHLOROETHANE											
2-CHLORO-ETHYLVINYL ETHER											
CHLOROFORM											
DICHLOROBROMO-METHANE											
1,1-DICHLOROETHANE											
1,2-DICHLOROETHANE											
TRANS-1,2-DICHLORO-ETHYLENE											
1,1-DICHLOROETHYLENE											
1,2-DICHLOROPROPANE											
1,3-DICHLORO-PROPYLENE											
ETHYLBENZENE											
METHYL BROMIDE											
METHYL CHLORIDE											
METHYLENE CHLORIDE											
1,1,2,2-TETRACHLORO-ETHANE											
TETRACHLORO-ETHYLENE											
TOLUENE											

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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
1,1,1-TRICHLOROETHANE											
1,1,2-TRICHLOROETHANE											
TRICHLORETHYLENE											
VINYL CHLORIDE											
Use this space (or a separate sheet) to provide information on other volatile organic compounds requested by the permit writer.											
ACID-EXTRACTABLE COMPOUNDS											
P-CHLORO-M-CRESOL											
2-CHLOROPHENOL											
2,4-DICHLOROPHENOL											
2,4-DIMETHYLPHENOL											
4,6-DINITRO-O-CRESOL											
2,4-DINITROPHENOL											
2-NITROPHENOL											
4-NITROPHENOL											
PENTACHLOROPHENOL											
PHENOL											
2,4,6-TRICHLOROPHENOL											
Use this space (or a separate sheet) to provide information on other acid-extractable compounds requested by the permit writer.											
BASE-NEUTRAL COMPOUNDS.											
ACENAPHTHENE											
ACENAPHTHYLENE											
ANTHRACENE											
BENZIDINE											
BENZO(A)ANTHRACENE											
BENZO(A)PYRENE											

FACILITY NAME AND PERMIT NUMBER:
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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
3,4 BENZO-FLUORANTHENE											
BENZO(GHI)PERYLENE											
BENZO(K)FLUORANTHENE											
BIS (2-CHLOROETHOXY) METHANE											
BIS (2-CHLOROETHYL)-ETHER											
BIS (2-CHLOROISO-PROPYL) ETHER											
BIS (2-ETHYLHEXYL) PHTHALATE											
4-BROMOPHENYL PHENYL ETHER											
BUTYL BENZYL PHTHALATE											
2-CHLORONAPHTHALENE											
4-CHLORPHENYL PHENYL ETHER											
CHRYSENE											
DI-N-BUTYL PHTHALATE											
DI-N-OCTYL PHTHALATE											
DIBENZO(A,H) ANTHRACENE											
1,2-DICHLOROBENZENE											
1,3-DICHLOROBENZENE											
1,4-DICHLOROBENZENE											
3,3-DICHLOROBENZIDINE											
DIETHYL PHTHALATE											
DIMETHYL PHTHALATE											
2,4-DINITROTOLUENE											
2,6-DINITROTOLUENE											
1,2-DIPHENYLHYDRAZINE											

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Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
FLUORANTHENE											
FLUORENE											
HEXACHLOROBENZENE											
HEXACHLOROBUTADIENE											
HEXACHLOROCYCLO-PENTADIENE											
HEXACHLOROETHANE											
INDENO(1,2,3-CD)PYRENE											
ISOPHORONE											
NAPHTHALENE											
NITROBENZENE											
N-NITROSODI-N-PROPYLAMINE											
N-NITROSODI- METHYLAMINE											
N-NITROSODI-PHENYLAMINE											
PHENANTHRENE											
PYRENE											
1,2,4-TRICHLOROBENZENE											
Use this space (or a separate sheet) to provide information on other base-neutral compounds requested by the permit writer.											
Use this space (or a separate sheet) to provide information on other pollutants (e.g., pesticides) requested by the permit writer.											

END OF PART D.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER:
Dominion North Anna Power Station Units 1&2 STP VA0052451

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SUPPLEMENTAL APPLICATION INFORMATION

N/A

PART E. TOXICITY TESTING DATA

POTWs meeting one or more of the following criteria must provide the results of whole effluent toxicity tests for acute or chronic toxicity for each of the facility's discharge points: 1) POTWs with a design flow rate greater than or equal to 1.0 mgd; 2) POTWs with a pretreatment program (or those that are required to have one under 40 CFR Part 403); or 3) POTWs required by the permitting authority to submit data for these parameters.

- At a minimum, these results must include quarterly testing for a 12-month period within the past 1 year using multiple species (minimum of two species), or the results from four tests performed at least annually in the four and one-half years prior to the application, provided the results show no appreciable toxicity, and testing for acute and/or chronic toxicity, depending on the range of receiving water dilution. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136.
- In addition, submit the results of any other whole effluent toxicity tests from the past four and one-half years. If a whole effluent toxicity test conducted during the past four and one-half years revealed toxicity, provide any information on the cause of the toxicity or any results of a toxicity reduction evaluation, if one was conducted.
- If you have already submitted any of the information requested in Part E, you need not submit it again. Rather, provide the information requested in question E.4 for previously submitted information. If EPA methods were not used, report the reasons for using alternate methods. If test summaries are available that contain all of the information requested below, they may be submitted in place of Part E.

If no biomonitoring data is required, do not complete Part E. Refer to the Application Overview for directions on which other sections of the form to complete.

E.1. Required Tests.

Indicate the number of whole effluent toxicity tests conducted in the past four and one-half years.

____chronic ____acute

E.2. Individual Test Data. Complete the following chart for each whole effluent toxicity test conducted in the last four and one-half years. Allow one column per test (where each species constitutes a test). Copy this page if more than three tests are being reported.

	Test number:_____	Test number:_____	Test number:_____
a. Test information.			
Test species & test method number			
Age at initiation of test			
Outfall number			
Dates sample collected			
Date test started			
Duration			
b. Give toxicity test methods followed.			
Manual title			
Edition number and year of publication			
Page number(s)			
c. Give the sample collection method(s) used. For multiple grab samples, indicate the number of grab samples used.			
24-Hour composite			
Grab			
d. Indicate where the sample was taken in relation to disinfection. (Check all that apply for each)			
Before disinfection			
After disinfection			
After dechlorination			

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	Test number:_____	Test number:_____	Test number:_____
e. Describe the point in the treatment process at which the sample was collected.			
Sample was collected:			
f. For each test, include whether the test was intended to assess chronic toxicity, acute toxicity, or both.			
Chronic toxicity			
Acute toxicity			
g. Provide the type of test performed.			
Static			
Static-renewal			
Flow-through			
h. Source of dilution water. If laboratory water, specify type; if receiving water, specify source.			
Laboratory water			
Receiving water			
i. Type of dilution water. It salt water, specify "natural" or type of artificial sea salts or brine used.			
Fresh water			
Salt water			
j. Give the percentage effluent used for all concentrations in the test series.			
k. Parameters measured during the test. (State whether parameter meets test method specifications)			
pH			
Salinity			
Temperature			
Ammonia			
Dissolved oxygen			
l. Test Results.			
Acute:			
Percent survival in 100% effluent	%	%	%
LC_{50}			
95% C.I.	%	%	%
Control percent survival	%	%	%
Other (describe)			

Chronic:			
NOEC	%	%	%
IC_{25}	%	%	%
Control percent survival	%	%	%
Other (describe)			
m. Quality Control/Quality Assurance.			
Is reference toxicant data available?			
Was reference toxicant test within acceptable bounds?			
What date was reference toxicant test run (MM/DD/YYYY)?			
Other (describe)			

E.3. Toxicity Reduction Evaluation. Is the treatment works involved in a Toxicity Reduction Evaluation?

____Yes____No If yes, describe: _____

_____

_____

E.4. Summary of Submitted Biomonitoring Test Information. If you have submitted biomonitoring test information, or information regarding the cause of toxicity, within the past four and one-half years, provide the dates the information was submitted to the permitting authority and a summary of the results.

Date submitted: _____ (MM/DD/YYYY)

Summary of results: (see instructions)

_____

_____

END OF PART E.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE.

SUPPLEMENTAL APPLICATION INFORMATION

N/A

PART F. INDUSTRIAL USER DISCHARGES AND RCRA/CERCLA WASTES

All treatment works receiving discharges from significant industrial users or which receive RCRA, CERCLA, or other remedial wastes must complete Part F.

GENERAL INFORMATION:

F.1. Pretreatment Program. Does the treatment works have, or is it subject to, an approved pretreatment program?

____Yes____No

F.2. Number of Significant Industrial Users (SIUs) and Categorical Industrial Users (CIUs). Provide the number of each of the following types of industrial users that discharge to the treatment works.

a. Number of non-categorical SIUs. _____

b. Number of CIUs. _____

SIGNIFICANT INDUSTRIAL USER INFORMATION:

Supply the following information for each SIU. If more than one SIU discharges to the treatment works, copy questions F.3 through F.8 and provide the information requested for each SIU.

F.3. Significant Industrial User Information. Provide the name and address of each SIU discharging to the treatment works. Submit additional pages as necessary.

Name: _____

Mailing Address: _____

_____

F.4. Industrial Processes. Describe all of the industrial processes that affect or contribute to the SIU's discharge.

_____

F.5. Principal Product(s) and Raw Material(s). Describe all of the principal processes and raw materials that affect or contribute to the SIU's discharge.

Principal product(s): _____

Raw material(s): _____

F.6. Flow Rate.

a. Process wastewater flow rate. Indicate the average daily volume of process wastewater discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.

_____ gpd (_____continuous or _____intermittent)

b. Non-process wastewater flow rate. Indicate the average daily volume of non-process wastewater flow discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent.

_____ gpd (_____continuous or _____intermittent)

F.7. Pretreatment Standards. Indicate whether the SIU is subject to the following:

a. Local limits ____Yes ____No

b. Categorical pretreatment standards ____Yes ____No

If subject to categorical pretreatment standards, which category and subcategory?

_____

F.8. Problems at the Treatment Works Attributed to Waste Discharged by the SIU. Has the SIU caused or contributed to any problems (e.g., upsets, interference) at the treatment works in the past three years?

____Yes____No If yes, describe each episode.

_____

_____

RCRA HAZARDOUS WASTE RECEIVED BY TRUCK, RAIL, OR DEDICATED PIPELINE:

F.9. RCRA Waste. Does the treatment works receive or has it in the past three years received RCRA hazardous waste by truck, rail, or dedicated pipe? ____Yes ___No (go to F.12.)

F.10. Waste Transport. Method by which RCRA waste is received (check all that apply):

_____Truck _____Rail _____Dedicated Pipe

F.11. Waste Description. Give EPA hazardous waste number and amount (volume or mass, specify units).

EPA Hazardous Waste Number	Amount	Units

CERCLA (SUPERFUND) WASTEWATER, RCRA REMEDIATION/CORRECTIVE ACTION WASTEWATER, AND OTHER REMEDIAL ACTIVITY WASTEWATER:

F.12. Remediation Waste. Does the treatment works currently (or has it been notified that it will) receive waste from remedial activities?

____Yes (complete F.13 through F.15.) ____No

Provide a list of sites and the requested information (F.13 - F.15.) for each current and future site.

F.13. Waste Origin. Describe the site and type of facility at which the CERCLA/RCRA/or other remedial waste originates (or is expected to originate in the next five years).

_____

_____

_____

F.14. Pollutants. List the hazardous constituents that are received (or are expected to be received). Include data on volume and concentration, if known. (Attach additional sheets if necessary).

_____

_____

F.15. Waste Treatment.

a. Is this waste treated (or will it be treated) prior to entering the treatment works?

____Yes ____No

If yes, describe the treatment (provide information about the removal efficiency):

_____

_____

b. Is the discharge (or will the discharge be) continuous or intermittent?

____Continuous ____Intermittent If intermittent, describe discharge schedule.

_____

END OF PART F.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER:
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SUPPLEMENTAL APPLICATION INFORMATION

N/A

PART G. COMBINED SEWER SYSTEMS

If the treatment works has a combined sewer system, complete Part G.

G.1. System Map. Provide a map indicating the following: (may be included with Basic Application Information)

a. All CSO discharge points.

b. Sensitive use areas potentially affected by CSOs (e.g., beaches, drinking water supplies, shellfish beds, sensitive aquatic ecosystems, and outstanding natural resource waters).

c. Waters that support threatened and endangered species potentially affected by CSOs.

G.2. System Diagram. Provide a diagram, either in the map provided in G.1. or on a separate drawing, of the combined sewer collection system that includes the following information:

a. Locations of major sewer trunk lines, both combined and separate sanitary.

b. Locations of points where separate sanitary sewers feed into the combined sewer system.

c. Locations of in-line and off-line storage structures.

d. Locations of flow-regulating devices.

e. Locations of pump stations.

CSO OUTFALLS:

Complete questions G.3 through G.6 once for each CSO discharge point.

G.3. Description of Outfall.

a. Outfall number _____

b. Location _____
(City or town, if applicable) (Zip Code)

_____
(County) (State)

_____
(Latitude) (Longitude)

c. Distance from shore (if applicable) _____ft.

d. Depth below surface (if applicable) _____ft.

e. Which of the following were monitored during the last year for this CSO?

____Rainfall ____CSO pollutant concentrations ____CSO frequency

____CSO flow volume ____Receiving water quality

f. How many storm events were monitored during the last year? _____

G.4. CSO Events.

a. Give the number of CSO events in the last year.

_____ events (___ actual or ___ approx.)

b. Give the average duration per CSO event.

_____ hours (____ actual or ____ approx.)

c. Give the average volume per CSO event.

_____ million gallons (_____ actual or _____ approx.)

d. Give the minimum rainfall that caused a CSO event in the last year.

_____ inches of rainfall

G.5. Description of Receiving Waters.

a. Name of receiving water: _____

b. Name of watershed/river/stream system: _____

United States Soil Conservation Service 14-digit watershed code (if known): _____

c. Name of State Management/River Basin: _____

United States Geological Survey 8-digit hydrologic cataloging unit code (if known): _____

G.6. CSO Operations.

Describe any known water quality impacts on the receiving water caused by this CSO (e.g., permanent or intermittent beach closings, permanent or intermittent shell fish bed closings, fish kills, fish advisories, other recreational loss, or violation of any applicable State water quality standard).

_____

_____

END OF PART G.
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE.

EPA Form 2F

Please print or type in the unshaded areas	EPA ID Number *(copy from item I of Form 1)* **110001891114**	Form Approved. OMB No. 2040-0086 Approval expires 5-31-92

Form **2F** NPDES

United States Environmental Protection Agency
Washington, DC 20460

Application for Permit to Discharge Storm Water Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., SW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

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)*
014	38	03	42.7	-77	47	28.6	Lake Anna
022	38	03	52.5	-77	47	52.8	Lake Anna
024	38	03	55.2	-77	47	38.4	Lake Anna
025	38	03	16.5	-77	47	27.2	Waste Heat Treatment Facility to Lake Anna

N/A

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation 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.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls		3. Brief Description of Project	4. Final Compliance Date	
	number	source of discharge		a. req.	b. proj.

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

See Attachment E.

 Continued on Page 2

Continued from the Front

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
014	1.5 acres	2 acres	024	0.08 acre	9 acres
022	7.1 acres	52 acres	025	30 acres	56 acres
023	0.09 acres	6 acre	026	0 acre	61 acres

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

See Sections 4, 5, and 6 of the SWPPP in **Attachment F**.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
All outfalls	See Sections 4, 5, and 6 of the SWPPP in **Attachment F**.	1-O (Outfall 025) 4-A (all outfalls)

V. Non Stormwater Discharges

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-stormwater discharges, and that all non-stormwater discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name of Official Title *(type or print)*	Signature	Date Signed
Daniel G. Stoddard, Senior VP Nuclear Operations	Dan Stoddard	4/9/2012

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Dry Weather Evaluations were conducted with the Annual Evaluation on the following date 08/20/2008. Outfall 022 was observed to have flow and was sampled and analyzed in October and November, respectively, in 2008. A copy of the documentation can be found at the end of the SWPPP in **Attachment F**.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

None.

 Continued on Page 3

Continued from Page 2

EPA ID Number *(copy from Item I of Form 1)*
110001891114

VII. Discharge Information

A,B,C, & D: See instruction before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided. Tables Vii-A, VII-B, and VII-C are included on separate sheets numbered VII-1 and VII-2.

E. Potential discharges not covered by analysis - is any toxic pollutant listed in table 2F-2, 2F-3, or 2F-4, a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

X Yes *(list all such pollutants below)* ☐ No *(go to Section IX)*

As radioactive releases at this facility are regulated by the Nuclear Regulatory Commission (NRC), they have not been listed here. See **Attachment C** for a list of other potential discharges not covered by analysis.

VIII. 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 *(list all such pollutants below)* ☒ No *(go to Section IX)*

IX. Contact analysis Information

Were any of the analysis reported in item VII performed by a contact 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 X)*

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Primary Laboratories Inc.	7423 Lee Davis Rd., Mechanicsville, VA 23111	(804) 559-9004	See **Attachment D**

X. 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. Area Code and Phone No.
Daniel G. Stoddard, Senior VP Nuclear Operations	804-273-4390
C. Signature: Dan Stoddard	D. Date Signed: 4/9/12

Outfall 014

EPA ID Number *(copy from Item I of Form 1)*
110001891114

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil & Grease	<5 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including the back portion of the Turbine building
Biological Oxygen Demand (BOD5)	<3.0 mg/L	N/A	N/A	N/A	1	
Chemical Oxygen Demand (COD)	7.65 mg/L	N/A	N/A	N/A	1	
Total Suspended Solids (TSS)	19.8 mg/L	N/A	N/A	N/A	1	
Total Organic Nitrogen	<0.24 mg/L	N/A	N/A	N/A	1	
Total Phosphorus	0.53 mg/L	N/A	N/A	N/A	1	
pH	6.65 S.U. Minimum	6.65 S.U. Maximum	N/A	N/A	1	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Chlorine, Total Residual	<0.1 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including the back portion of the Turbine building
Chromium	0.001 mg/L	N/A	N/A	N/A	1	
Free Available Chlorine	N/A – as TRC <QL	N/A	N/A	N/A	1	
Temperature (*winter*)	18.9 °C	N/A	N/A	N/A	1	
Zinc	0.269 mg/L	N/A	N/A	N/A	1	

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Boron as B	<0.02 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including the back portion of the Turbine building
Bromide as Br	4 mg/L	N/A	N/A	N/A	1	
Color	20 PCU	N/A	N/A	N/A	1	
Fluoride as F	0.051 mg/L	N/A	N/A	N/A	1	
Surfacants	<0.010 mg/L	N/A	N/A	N/A	1	
NO_3+NO_2	0.38 mg/L	N/A	N/A	N/A	1	
Sulfate as SO_4	2.46 mg/L	N/A	N/A	N/A	1	
Aluminum as Al	0.4 mg/L	N/A	N/A	N/A	1	
Antimony as Sb	<0.001 mg/L	N/A	N/A	N/A	1	
Arsenic as As	<0.003 mg/L	N/A	N/A	N/A	1	
Barium as Ba	0.009 mg/L	N/A	N/A	N/A	1	
Beryllium as Be	<0.0002 mg/L	N/A	N/A	N/A	1	
Cadmium as Cd	<0.0003 mg/L	N/A	N/A	N/A	1	
Cobalt as Co	<0.0006 mg/L	N/A	N/A	N/A	1	
Copper as Cu	0.010 mg/L	N/A	N/A	N/A	1	
Iron as Fe	0.54 mg/L	N/A	N/A	N/A	1	
Lead as Pb	<0.001 mg/L	N/A	N/A	N/A	1	

Continue on Reverse

Magnesium as Mg	0.49 mg/L	N/A	N/A	N/A	1	
Manganese as Mn	0.02 mg/L	N/A	N/A	N/A	1	
Mercury as Hg	<0.0002 mg/L	N/A	N/A	N/A	1	
Molybdenum as Mo	0.001 mg/L	N/A	N/A	N/A	1	
Nickel as Ni	<0.005 mg/L	N/A	N/A	N/A	1	
Selenium as Se	<0.003 mg/L	N/A	N/A	N/A	1	
Silver as Ag	<0.0001 mg/L	N/A	N/A	N/A	1	
Thallium as Tl	0.3 mg/L	N/A	N/A	N/A	1	
Tin as Sn	<0.005 mg/L	N/A	N/A	N/A	1	
Titanium as Ti	0.032 mg/L	N/A	N/A	N/A	1	
T-Hard. as $CaCO_3$	17.1 mg/L	N/A	N/A	N/A	1	
Nitrate as N	0.38 mg/L	N/A	N/A	N/A	1	

N/A

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*

Flow weighed composite samples were waived. See **Attachment D.**

7. Provide a description of the method of flow measurement or estimate.

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil & Grease	<5 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including the areas of the contractor shops, parking lots, switch yard, vehicle maintenance shop, paint shop and part of an outdoor equipment laydown.
Biological Oxygen Demand (BOD5)	<3.0 mg/L	N/A	N/A	N/A	1	
Chemical Oxygen Demand (COD)	9.71 mg/L	N/A	N/A	N/A	1	
Total Suspended Solids (TSS)	35.1 mg/L	N/A	N/A	N/A	1	
Total Organic Nitrogen	<0.27 mg/L	N/A	N/A	N/A	1	
Total Phosphorus	0.19 mg/L	N/A	N/A	N/A	1	
pH	6.52 S.U. Minimum	6.52 S.U. Maximum	N/A	N/A	1	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Chlorine, Total Residual	<0.1 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including the areas of the contractor shops, parking lots, switch yard, vehicle maintenance shop, paint shop and part of an outdoor equipment laydown.
Chromium	0.002 mg/L	N/A	N/A	N/A	1	
Free Available Chlorine	N/A – as TRC <QL	N/A	N/A	N/A	1	
Temperature (*winter*)	18.4 °C	N/A	N/A	N/A	1	
Zinc	0.53 mg/L	N/A	N/A	N/A	1	

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Aluminum as Al	0.73 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including the areas of the contractor shops, parking lots, switch yard, vehicle maintenance shop, paint shop and part of an outdoor equipment laydown.
Antimony as Sb	0.006 mg/L	N/A	N/A	N/A	1	
Arsenic as As,	0.003 mg/L	N/A	N/A	N/A	1	
Barium as Ba	0.026 mg/L	N/A	N/A	N/A	1	
Beryllium as Be	< 0.0002 mg/L	N/A	N/A	N/A	1	
Boron as B	<0.02 mg/L	N/A	N/A	N/A	1	
Bromide as Br	5.2 mg/L	N/A	N/A	N/A	1	
Cadmium as Cd	<0.0003 mg/L	N/A	N/A	N/A	1	
Cobalt as Co	<0.0006 mg/L	N/A	N/A	N/A	1	
Color	73 PCU	N/A	N/A	N/A	1	
Copper as Cu	0.006 mg/L	N/A	N/A	N/A	1	
Fluoride as F	0.06 mg/L	N/A	N/A	N/A	1	
Iron as Fe	1.23 mg/L	N/A	N/A	N/A	1	
Lead as Pb	0.006 mg/L	N/A	N/A	N/A	1	
Magnesium as Mg	1.61 mg/L	N/A	N/A	N/A	1	
Manganese as Mn	0.05 mg/L	N/A	N/A	N/A	1	
MBAS as LAS	<0.010 mg/L	N/A	N/A	N/A	1	

 Continue on Reverse

Mercury as Hg, ppb	<0.0002 mg/L	N/A	N/A	N/A	1	
Molybdenum as Mo	0.002 mg/L	N/A	N/A	N/A	1	
Nickel as Ni	<0.005 mg/L	N/A	N/A	N/A	1	
Nitrate as N	0.72 mg/L	N/A	N/A	N/A	1	
NO3+NO2	0.72 mg/L	N/A	N/A	N/A	1	
Selenium as Se	< 0.003 mg/L	N/A	N/A	N/A	1	
Silver as Ag	<0.0001 mg/L	N/A	N/A	N/A	1	
Sulfate as SO4	6.62 mg/L	N/A	N/A	N/A	1	
Thallium as Tl	0.0004 mg/L	N/A	N/A	N/A	1	
T-Hard. as CaCO3	34.2 mg/L	N/A	N/A	N/A	1	
Tin as Sn	<0.005 mg/L	N/A	N/A	N/A	1	
Titanium as Ti	0.024 mg/L	N/A	N/A	N/A	1	

N/A

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*

Flow weighed composite samples were waived. See **Attachment D**.

7. Provide a description of the method of flow measurement or estimate.

Outfall 024

EPA ID Number (copy from Item I of Form 1)
110001891114

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil & Grease	<5 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including a roadway and part of an equipment laydown area
Biological Oxygen Demand (BOD5)	<3.0 mg/L	N/A	N/A	N/A	1	
Chemical Oxygen Demand (COD)	51.83 mg/L	N/A	N/A	N/A	1	
Total Suspended Solids (TSS)	1.3 mg/L	N/A	N/A	N/A	1	
Total Organic Nitrogen	0.99 mg/L	N/A	N/A	N/A	1	
Total Phosphorus	0.12 mg/L	N/A	N/A	N/A	1	
pH	7.67 S.U. Minimum	7.67 S.U. Maximum	N/A	N/A	1	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Chlorine, Total Residual	<0.1 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including a roadway and part of an equipment laydown area
Chromium	<0.001 mg/L	N/A	N/A	N/A	1	
Free Available Chlorine	N/A – as TRC <QL	N/A	N/A	N/A	1	
Temperature (*winter*)	18.0 °C	N/A	N/A	N/A	1	
Zinc	0.123 mg/L	N/A	N/A	N/A	1	

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Aluminum as Al	0.27 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including a roadway and part of an equipment laydown area
Antimony as Sb	<0.001 mg/L	N/A	N/A	N/A	1	
Arsenic as As,	<0.003 mg/L	N/A	N/A	N/A	1	
Barium as Ba	0.016 mg/L	N/A	N/A	N/A	1	
Beryllium as Be	< 0.0002 mg/L	N/A	N/A	N/A	1	
Boron as B	<0.02 mg/L	N/A	N/A	N/A	1	
Bromide as Br	5.3 mg/L	N/A	N/A	N/A	1	
Cadmium as Cd	<0.0003 mg/L	N/A	N/A	N/A	1	
Cobalt as Co	<0.0006 mg/L	N/A	N/A	N/A	1	
Color	120 PCU	N/A	N/A	N/A	1	
Copper as Cu	0.009 mg/L	N/A	N/A	N/A	1	
Fluoride as F	0.04 mg/L	N/A	N/A	N/A	1	
Iron as Fe	0.42 mg/L	N/A	N/A	N/A	1	
Lead as Pb	<0.001 mg/L	N/A	N/A	N/A	1	
Magnesium as Mg	0.87 mg/L	N/A	N/A	N/A	1	
Manganese as Mn	<0.02 mg/L	N/A	N/A	N/A	1	
MBAS as LAS	<0.010 mg/L	N/A	N/A	N/A	1	

Continue on Reverse

Mercury as Hg, ppb	<0.0002 mg/L	N/A	N/A	N/A	1
Molybdenum as Mo	0.002 mg/L	N/A	N/A	N/A	1
Nickel as Ni	<0.005 mg/L	N/A	N/A	N/A	1
Nitrate as N	0.13 mg/L	N/A	N/A	N/A	1
NO3+NO2	0.11 mg/L	N/A	N/A	N/A	1
Selenium as Se	< 0.003 mg/L	N/A	N/A	N/A	1
Silver as Ag	<0.0001 mg/L	N/A	N/A	N/A	1
Sulfate as SO4	2.1 mg/L	N/A	N/A	N/A	1
Thallium as Tl	0.0004 mg/L	N/A	N/A	N/A	1
T-Hard. as CaCO3	30.78 mg/L	N/A	N/A	N/A	1
Tin as Sn	<0.005 mg/L	N/A	N/A	N/A	1
Titanium as Ti	0.014 mg/L	N/A	N/A	N/A	1

N/A **Part D -** Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*

Flow weighed composite samples were waived. See **Attachment D**.

7. Provide a description of the method of flow measurement or estimate.

Outfall 025

EPA ID Number (copy from Item I of Form 1)
110001891114

Form Approved. OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

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.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil & Grease	<5 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including drainage from the warehouse facilities, some small utility buildings, and an equipment laydown area
Biological Oxygen Demand (BOD5)	5.6 mg/L	N/A	N/A	N/A	1	
Chemical Oxygen Demand (COD)	25.46 mg/L	N/A	N/A	N/A	1	
Total Suspended Solids (TSS)	34.6 mg/L	N/A	N/A	N/A	1	
Total Organic Nitrogen	0.34 mg/L	N/A	N/A	N/A	1	
Total Phosphorus	0.34 mg/L	N/A	N/A	N/A	1	
pH	7.36 S.U. Minimum	7.36 S.U. Maximum	N/A	N/A	1	

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Chlorine, Total Residual	<0.1 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including drainage from the warehouse facilities, some small utility buildings, and an equipment laydown area
Chromium	0.001 mg/L	N/A	N/A	N/A	1	
Free Available Chlorine	N/A – as TRC <QL	N/A	N/A	N/A	1	
Temperature (*winter*)	18.1 °C	N/A	N/A	N/A	1	
Zinc	0.076 mg/L	N/A	N/A	N/A	1	

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant And CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number Of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Aluminum as Al	0.61 mg/L	N/A	N/A	N/A	1	Stormwater runoff, including drainage from the warehouse facilities, some small utility buildings, and an equipment laydown area
Antimony as Sb	<0.001 mg/L	N/A	N/A	N/A	1	
Arsenic as As,	<0.003 mg/L	N/A	N/A	N/A	1	
Barium as Ba	0.047 mg/L	N/A	N/A	N/A	1	
Beryllium as Be	< 0.0002 mg/L	N/A	N/A	N/A	1	
Boron as B	0.02 mg/L	N/A	N/A	N/A	1	
Bromide as Br	5.9 mg/L	N/A	N/A	N/A	1	
Cadmium as Cd	<0.0003 mg/L	N/A	N/A	N/A	1	
Cobalt as Co	<0.0006 mg/L	N/A	N/A	N/A	1	
Color	64 PCU	N/A	N/A	N/A	1	
Copper as Cu	0.006 mg/L	N/A	N/A	N/A	1	
Fluoride as F	0.088 mg/L	N/A	N/A	N/A	1	
Iron as Fe	0.9 mg/L	N/A	N/A	N/A	1	
Lead as Pb	<0.001 mg/L	N/A	N/A	N/A	1	
Magnesium as Mg	3.41 mg/L	N/A	N/A	N/A	1	
Manganese as Mn	0.03 mg/L	N/A	N/A	N/A	1	
MBAS as LAS	<0.010 mg/L	N/A	N/A	N/A	1	

 Continue on Reverse

Mercury as Hg, ppb	<0.0002 mg/L	N/A	N/A	N/A	1	
Molybdenum as Mo	0.055 mg/L	N/A	N/A	N/A	1	
Nickel as Ni	<0.005 mg/L	N/A	N/A	N/A	1	
Nitrate as N	1.3 mg/L	N/A	N/A	N/A	1	
NO3+NO2	1.31 mg/L	N/A	N/A	N/A	1	
Selenium as Se	< 0.003 mg/L	N/A	N/A	N/A	1	
Silver as Ag	<0.0001 mg/L	N/A	N/A	N/A	1	
Sulfate as SO4	44.31 mg/L	N/A	N/A	N/A	1	
Thallium as Tl	0.0004 mg/L	N/A	N/A	N/A	1	
T-Hard. as CaCO3	68.4 mg/L	N/A	N/A	N/A	1	
Tin as Sn	<0.005 mg/L	N/A	N/A	N/A	1	
Titanium as Ti	0.023 mg/L	N/A	N/A	N/A	1	

N/A

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm Event *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Total flow from rain event *(gallons or specify units)*

Flow weighed composite samples were waived. See **Attachment D.**

7. Provide a description of the method of flow measurement or estimate.

VPDES Permit Application Addendum

VPDES Permit Application Addendum

1. **Entity to whom the permit is to be issued**: Virginia Electric & Power Company
Who will be legally responsible for the wastewater treatment facilities and compliance with the permit? This may or may not be the facility or property owner.

2. **Is this facility located within city or town boundaries?** No

3. **What is the tax map parcel number for the land where this facility is located?** Unknown [1]
   (1) Virginia Power and Old Dominion Electric Cooperative own, and Virginia Power controls, all of the land within the North Anna Power Station (NAPS) boundary, both above and beneath the water surface, including those portions of Lake Anna and the waste heat treatment facility that lie within the site boundary. [The NAPS boundary is equivalent to the Exclusion Area Boundary as approved by the Nuclear Regulatory Commission.] The NAPS property comprises 1803 acres, approximately 760 acres of which are covered by water. Virginia Power and Old Dominion electric Cooperative also own all the land outside the NAPS boundary that forms Lake Anna, up to the expected high-water mark (i.e. elevation 255 ft above mean sea level). The NAPS site and all supporting facilities, including Lake Anna and the waste heat treatment facility, the earthen dam that forms Lake Anna, dikes railroad spur, and roads constitute approximately 18,643 acres. Virginia Power also owns and operates the North Anna Hydroelectric Project, an 855- kilowatt capacity hydroelectric power plant at the base of the dam that forms Lake Anna.

4. **For the facility to be covered by this permit, how many acres will be disturbed during the next five years due to new construction activities?** Within the NAPS boundary, approximately 128.5 acres could be affected by the construction of proposed Unit 3 as a result of permanent facilities. An additional estimated 68 acres could be disturbed on a short-term basis as a result of temporary activities and construction of temporary facilities and laydown areas, for a total estimate of 196.5 acres. Also within the site boundary, Phase 1 Site Separation involves relocating specific existing support facilities for NAPS Units 1 and 2 to areas outside of the proposed construction area for the new Unit 3. The existing facilities and utilities located within the limits of construction for Unit 3 will be relocated and constructed in other locations on the NAPS site outside the limits of construction for Unit 3. The cumulative amount of acreage to be disturbed for this phase of the construction project is estimated to be approximately 50 acres

   While a decision to build Unit 3 has not been made, Dominion is proceeding with site separation work, environmental permitting, nuclear licensing and design engineering to support the construction and operation of Unit 3.

5. ALL FACILITIES: **What is the design average flow of this facility?** 3052.8 MGD [2]
   Industrial facilities: **What is the max. 30-day avg. production level (include units)?** 3012.5 MGD [3]
   (2) Maximum 30-day maximum flow from Outfall 001 based on data generated January 2008 – December 2010.
   (3) Maximum 30-day average flow from Outfall 001 based on data generated January 2008 – December 2010.

   In addition to the above design flow or production level, should the permit be written with limits for any other discharge flow tiers or production levels? No

   If AYes≅, please specify the other flow tiers (in MGD) or production levels: n/a
Please consider: Is your facility's design flow considerably greater than your current flow? Do you plan to expand operations during the next five years?

6. **Nature of operations generating wastewater**:
   Generation of electricity with steam produced by the fission of nuclear materials; domestic sewage

   <1% of flow from domestic connections/sources
   Number of private residences to be served by the wastewater treatment facilities: X 0 __ 1-49 __ 50 or more

   >99% of flow from non-domestic connections/sources

7. **Mode of discharge**: X Continuous __Intermittent __Seasonal
   Describe frequency and duration of intermittent or seasonal discharges: N/A

8. **Identify the characteristics of the receiving stream at the point just above the facility's discharge point:**
   __ Permanent stream, never dry
   __ Intermittent stream, usually flowing, sometimes dry
   __ Ephemeral stream, wet-weather flow, often dry
   __ Effluent-dependent stream, usually or always dry
   X Lake or pond at or below the discharge point
   __ Other:_____

9. **Approval Date(s)**:
   O & M Manual May 2, 2008
   Sludge/Solids Management Plan (upon 2012 reissuance application completion)

   Have there been any changes in your operations or procedures since the above approval dates? Yes

VPDES Sludge Application

FACILITY NAME: __NORTH ANNA POWER STATION_VPDES PERMIT NUMBER: VA0052451

VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM

SCREENING INFORMATION

This application is divided into four sections. Section A pertains to all applicants. The applicability of Sections B, C and D depends on your facility's sewage sludge use or disposal practices. The information provided on this page will help you determine which sections to fill out.

1. All applicants must complete Section A (General Information).

2. Does this facility generate sewage sludge? _X_ Yes _____ No

   Does this facility derive a material from sewage sludge? _____ Yes _X___ No

   If you answered "Yes" to either, complete Section B (Generation Of Sewage Sludge or Preparation Of A Material Derived From Sewage Sludge).

3. Does this facility apply sewage sludge to the land? _____ Yes __X__ No

   Is sewage sludge from this facility applied to the land? _X___ Yes _____ No

   If you answer "No" to all above, skip Section C.

   If you answered "Yes" to either, answer the following three questions:

   a. Does the sewage sludge from this facility meet the ceiling concentrations, pollutant concentrations, Class A pathogen reduction requirements and one of the vector attraction reduction requirements 1-8, as identified in the instructions? _____ Yes _X___ No

   b. Is sewage sludge from this facility placed in a bag or other container for sale or give-away for application to the land? _____ Yes _X___ No

   c. Is sewage sludge from this facility sent to another facility for treatment or blending? _X___ Yes _____ No

   If you answered "No" to all three, complete Section C (Land Application Of Bulk Sewage Sludge).

   If you answered "Yes" to a, b or c, skip Section C.

4. Do you own or operate a surface disposal site? _____ Yes _X__ No

   If "Yes", complete Section D (Surface Disposal).

FACILITY NAME: __NORTH ANNA POWER STATION__VPDES PERMIT NUMBER: VA0052451

SECTION A. GENERAL INFORMATION

All applicants must complete this section.

1. Facility Information.

a. Facility name: __Dominion – North Anna Power Station

b. Contact person: Cathy C. Taylor_____

Title: Director, Electric Environmental Services

Phone: (_804_) __273-2929_____

c. Mailing address:

Street or P.O. Box: ____5000 Dominion Boulevard_____

City or Town: ___Glen Allen_____ State: ____Virginia_____ Zip: __23060_____

d. Facility location:

Street or Route #: _____1022 Haley Drive_____

County: _____Louisa_____

City or Town: _____Mineral_____ State: ___Virginia_____ Zip: ___23117_____

e. Is this facility a Class I sludge management facility? _____ Yes ___X__ No

f. Facility design flow rate: Units 1&2 STP= 0.03 mgd

g. Total population served: Units 1&2= 950

h. Indicate the type of facility:

_____ Publicly owned treatment works (POTW)

__X__ Privately owned treatment works

_____ Federally owned treatment works

_____ Blending or treatment operation

_____ Surface disposal site

_____ Other (describe): _____

2. Applicant Information. If the applicant is different from the above, provide the following:

a. Applicant name: _____SAME_____

b. Mailing address:

Street or P.O. Box: _____

City or Town: _____ State: _____ Zip: _____

c. Contact person: _____

Title: _____

Phone: (_____) _____

d. Is the applicant the owner or operator (or both) of this facility?

__X___ owner __X___ operator

e. Should correspondence regarding this permit be directed to the facility or the applicant?

___X__ facility __X___ applicant

3. Permit Information.

a. Facility's VPDES permit number (if applicable): _____VA0052451_____

b. List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied for that regulate this facility's sewage sludge management practices:

Permit Number:	Type of Permit:
N/A	N/A

FACILITY NAME: __NORTH ANNA POWER STATION__ VPDES PERMIT NUMBER: VA0052451

4. **Indian Country.** Does any generation, treatment, storage, application to land or disposal of sewage sludge from this facility occur in Indian Country? _____ Yes _X___ No If "Yes", describe:

5. **Topographic Map.** Provide a topographic map or maps (or other appropriate maps if a topographic map is unavailable) that shows the following information. Maps should include the area one mile beyond all property boundaries of the facility:
   a. Location of all sewage sludge management facilities, including locations where sewage sludge is generated, stored, treated, or disposed.
   b. Location of all wells, springs, and other surface water bodies listed in public records or otherwise known to the applicant within 1/4 mile of the property boundaries. **See Attachment A**

6. **Line Drawing.** Provide a line drawing and/or a narrative description that identifies all sewage sludge processes that will be employed during the term of the permit including all processes used for collecting, dewatering, storing, or treating sewage sludge, the destination(s) of all liquids and solids leaving each unit, and all methods used for pathogen reduction and vector attraction reduction. **See Attachment B**

7. **Contractor Information.** Are any operational or maintenance aspects of this facility related to sewage sludge generation, treatment, use or disposal the responsibility of a contractor? X____ Yes _____ No

   If "Yes", provide the following for each contractor (attach additional pages if necessary).

   Name: Hauler – Stamie E. Lyttle Co., Inc. (Buck Accashian – Mgr Service Dept.)

   Mailing address:

   Street or P.O. Box: 2210 Belt Blvd., P.O. Box 24205

   City or Town: Richmond State: Virginia Zip: 23234

   Phone: (804) 232-6774

   Contractor's Federal, State or Local Permit Number(s) applicable to this facility's sewage sludge:

   VDH (Chesterfield Co.) Permit # 96-120-0001H

   If the contractor is responsible for the use and/or disposal of the sewage sludge, provide a description of the service to be provided to the applicant and the respective obligations of the applicant and the contractor(s). N/A

8. **Pollutant Concentrations.** Using the table below or a separate attachment, provide sewage sludge monitoring data for the pollutants which limits in sewage sludge have been established in 9 VAC 25-31-10 et seq. for this facility's expected use or disposal practices. All data must be based on three or more samples taken at least one month apart and must be no more than four and one-half years old. **See Note below.**

POLLUTANT	CONCENTRATION (mg/kg dry weight)	SAMPLE DATE	ANALYTICAL METHOD	DETECTION LEVEL FOR ANALYSIS
Arsenic				
Cadmium				
Chromium				
Copper				
Lead				
Mercury				
Molybdenum				
Nickel				
Selenium				
Zinc				

See Table 1 below for a summary of the City of Richmond's sludge data from January 2008 – September 2011.

NOTE: As provided for in the VPDES Sewage Sludge Permit Application Form Instructions, no sewage sludge monitoring data has been reported because no sewage sludge permit limitations or monitoring requirements have been established in either the North Anna or Louisa County VPDES permits. At the request of DEQ, sewage sludge data has been included from the City of Richmond's WWTP as the majority of the sanitary waste sludges generated at North Anna are processed by the City.

FACILITY NAME: __NORTH ANNA POWER STATION__VPDES PERMIT NUMBER: VA0052451

Table 1: City of Richmond Sludge Data from Discharge Monitoring Reports										
DMR Date	Total Solids (%)	As (mg/kg)	Cd (mg/kg)	Cu (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Mo (mg/kg)	Ni (mg/kg)	Se (mg/kg)	Zn (mg/kg)
10-Jan-08	22	4	7	550	100	1	18	22	7	1300
10-Mar-08	21	8	6	570	136	0	19	34	2	1380
10-May-08	23	5	5	463	88	1	11	22	7	1170
10-Jul-08	24	6	5	433	109	1	12	24	8	1110
10-Sep-08	24	20	3	480	132	1	12	25	7	1280
10-Nov-08	25	6	4	410	124	1	14	25	5	1160
10-Jan-09	25	7	5	483	90	1	13	24	6	930
10-Mar-09	25	9	6	529	103	1	25	25	7	1310
10-May-09	25	7	7	538	110	1	14	26	10	1400
10-Jul-09	26	<QL	3	400	100	2	11	<QL	<QL	1100
10-Sep-09	26	<QL	3	640	210	2	11	26	<QL	1400
10-Nov-09	29	<QL	4	550	120	2	<QL	<QL	<QL	1400
10-Jan-10	25	0	3	340	68	1	12	0	5.5	900
10-Mar-10	26	<21	3	460	100	1	<21	<11	7	1300
10-May-10	26	10	3	450	90	1	12	29	<QL	1300
10-Jul-10	29	13	2	480	120	1	11	26	<QL	1300
10-Sep-10	28	13	2	490	130	1	18	26	<QL	1300
10-Nov-10	25	10	3	520	100	1	23	26	4	1400
10-Jan-11	25	15	4	540	110	1	31	27	21	1500
10-Mar-11	27	15	<QL	490	83	1	23	24	<QL	1300
10-May-11	25	12	<QL	470	89	1	20	34	<QL	1300
10-Jul-11	27	11	<QL	420	89	1	15	29	<QL	1100
10-Sep-11	29	4	5	266	52	0	11	12	84	521

FACILITY NAME: __NORTH ANNA POWER STATION__VPDES PERMIT NUMBER: VA0052451

9.Certification. Read and submit the following certification statement with this application. Refer to the instructions to determine who is an officer for purposes of this certification. Indicate which parts of the application you have completed and are submitting:

__X__ Section A (General Information)

__X__ Section B (Generation of Sewage Sludge or Preparation of a Material Derived from Sewage Sludge)

_____ Section C (Land Application of Bulk Sewage Sludge)

_____ Section D (Surface Disposal)

"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 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."

Name and official title Daniel G. Stoddard, Senior VP Nuclear Operations

Signature Dan Stoddard Date Signed 4/9/12

Telephone number (804) 273-4390

Upon request of the department, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.

FACILITY NAME: __NORTH ANNA POWER STATION_VPDES PERMIT NUMBER: VA0052451

SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

1. **Amount Generated On Site.**
   Total dry metric tons per 365-day period generated at your facility: _____<1____ dry metric tons

N/A 2. **Amount Received from Off Site.** If your facility receives sewage sludge from another facility for treatment, use or disposal, provide the following information for each facility from which sewage sludge is received. If you receive sewage sludge from more than one facility, attach additional pages as necessary.

   a. Facility name: _____ _____

   b. Contact Person: _____

   Title: _____

   Phone: (_____) _____

   c. Mailing address:

   Street or P.O. Box: _____

   City or Town: _____ State: _____ Zip: _____

   d. Facility location: _____

   (not P.O. Box) _____

   e. Total dry metric tons per 365-day period received from this facility: _____ dry metric tons

   f. Describe, on this form or on another sheet of paper, any treatment processes known to occur at the off-site facility, including blending activities and treatment to reduce pathogens or vector attraction characteristics:

   _____

   _____

3. **Treatment Provided at Your Facility.**

   a. Which class of pathogen reduction is achieved for the sewage sludge at your facility?
   _____ Class A _____ Class B X____ Neither or unknown

   b. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce pathogens in sewage sludge: __Low-level radioactive wastes are dried on the sludge drying beds and incinerated off-site_____

   c. Which vector attraction reduction option is met for the sewage sludge at your facility?

   _____ Option 1 (Minimum 38 percent reduction in volatile solids)

   _____ Option 2 (Anaerobic process, with bench-scale demonstration)

   _____ Option 3 (Aerobic process, with bench-scale demonstration)

   _____ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)

   _____ Option 5 (Aerobic processes plus raised temperature)

   _____ Option 6 (Raise pH to 12 and retain at 11.5)

   _____ Option 7 (75 percent solids with no unstabilized solids)

   _____ Option 8 (90 percent solids with unstabilized solids)

   X____ None or unknown

   d. Describe, on this form or another sheet of paper, any treatment processes used at your facility to reduce vector attraction properties of sewage sludge: ___NONE_____

   _____

   e. Describe, on this form or another sheet of paper, any other sewage sludge treatment activities, including blending, not identified in a - d above:__NONE_____

FACILITY NAME: __NORTH ANNA POWER STATION__ VPDES PERMIT NUMBER: VA0052451

N/A **4. Preparation of Sewage Sludge Meeting Ceiling and Pollutant Concentrations, Class A Pathogen Requirements and One of Vector Attraction Reduction Options 1-8 (EQ Sludge).**

(If sewage sludge from your facility does not meet all of these criteria, skip Question 4.)

a. Total dry metric tons per 365-day period of sewage sludge subject to this section that is applied to the land:

_____ dry metric tons

b. Is sewage sludge subject to this section placed in bags or other containers for sale or give-away?
_____ Yes _____ No

N/A **5. Sale or Give-Away in a Bag or Other Container for Application to the Land.**

(Complete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land application. Skip this question if sewage sludge is covered in Question 4.)

a. Total dry metric tons per 365-day period of sewage sludge placed in a bag or other container at your facility for sale or give-away for application to the land: _____ dry metric tons

b. Attach, with this application, a copy of all labels or notices that accompany the sewage sludge being sold or given away in a bag or other container for application to the land.

6.1 Shipment Off Site for Treatment or Blending.

(Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending. This question does not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge is covered in Questions 4 or 5. If you send sewage sludge to more than one facility, attach additional sheets as necessary.)

a. Receiving facility name: City of Richmond WWTP

b. Facility contact: Clair L. Watson

Title: Plant Manager

Phone: (804) 646- 8903

c. Mailing address:

Street or P.O. Box: 1400 Brander St.

City or Town: Richmond State: Virginia Zip: 23224

d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility:

<1 dry metric tons

e. List, on this form or an attachment, the receiving facility's VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the receiving facility's sewage sludge use or disposal practices:

Permit Number:	Type of Permit:
VA0063177	VPDES

f. Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your facility?
X Yes _____ No

Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility?
_____ Class A X Class B _____ Neither or unknown

Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce pathogens in sewage sludge: Sludge thickening > anaerobic digestion > dewatering > land application

g. Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the sewage sludge? X Yes _____ No

Which vector attraction reduction option is met for the sewage sludge at the receiving facility?

X Option 1 (Minimum 38 percent reduction in volatile solids)

_____ Option 2 (Anaerobic process, with bench-scale demonstration)

_____ Option 3 (Aerobic process, with bench-scale demonstration)

_____ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)

_____ Option 5 (Aerobic processes plus raised temperature)

_____ Option 6 (Raise pH to 12 and retain at 11.5)

_____ Option 7 (75 percent solids with no unstabilized solids)

_____ Option 8 (90 percent solids with unstabilized solids)

_____ None unknown

Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce vector attraction properties of sewage sludge: N/A

h. Does the receiving facility provide any additional treatment or blending not identified in f or g above?
_____ Yes X____ No

If "Yes", describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:

i. If you answered "Yes" to f, g or h above, attach a copy of any information you provide to the receiving facility to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G. N/A

j Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land? _____ Yes _X___ No

If "Yes", provide a copy of all labels or notices that accompany the product being sold or given away.

k. Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes? X____ Yes _____ No. If "No", provide description and specification on the vehicle used to transport the sewage sludge to the receiving facility.

Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the week and the times of the day sewage sludge will be transported. See the following haul route and map. Sludge will be hauled as needed during normal business hours, Monday – Friday

6.2 Shipment Off Site for Treatment or Blending.

(Complete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending. This question does not apply to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge is covered in Questions 4 or 5. If you send sewage sludge to more than one facility, attach additional sheets as necessary.)

a. Receiving facility name: Louisa County Water Authority

b. Facility contact: H. Barlow Delk

Title: General Manager

Phone: (540) 967-1122

c. Mailing address:

Street or P.O. Box: P.O. Box 9

City or Town: Louisa State: Virginia Zip: 23093

d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility:

<1 dry metric tons

e. List, on this form or an attachment, the receiving facility's VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the receiving facility's sewage sludge use or disposal practices:

Permit Number:	Type of Permit:
VA0067954	VPDES

f. Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your facility?
_X___ Yes _____ No

Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility?
_____ Class A _X___ Class B _____ Neither or unknown

Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce pathogens in sewage sludge: Aerobic digester > blending >aeration into 2nd digester > dewatering > land application

g. Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the sewage sludge? _X__ Yes _____ No

Which vector attraction reduction option is met for the sewage sludge at the receiving facility?

_X___ Option 1 (Minimum 38 percent reduction in volatile solids)

_____ Option 2 (Anaerobic process, with bench-scale demonstration)

_____ Option 3 (Aerobic process, with bench-scale demonstration)

_____ Option 4 (Specific oxygen uptake rate for aerobically digested sludge)

_____ Option 5 (Aerobic processes plus raised temperature)

_____ Option 6 (Raise pH to 12 and retain at 11.5)

_____ Option 7 (75 percent solids with no unstabilized solids)

_____ Option 8 (90 percent solids with unstabilized solids)

_____ None unknown

Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce vector attraction properties of sewage sludge: N/A

h. Does the receiving facility provide any additional treatment or blending not identified in f or g above?
_____ Yes _X____ No

If "Yes", describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:

i. If you answered "Yes" to f, g or h above, attach a copy of any information you provide to the receiving facility to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G. N/A

j Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land? _____ Yes _X___ No

If "Yes", provide a copy of all labels or notices that accompany the product being sold or given away.

k. Will the sewage sludge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes? _X____ Yes _____ No. If "No", provide description and specification on the vehicle used to transport the sewage sludge to the receiving facility.

Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the week and the times of the day sewage sludge will be transported. See the following haul route and map. Sludge will be hauled as needed during normal business hours, Monday – Friday

N/A **7. Land Application of Bulk Sewage Sludge.**

(Complete Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or 6. Complete Question 7.b, c & d only if you are responsible for land application of sewage sludge.)

a. Total dry metric tons per 365-day period of sewage sludge applied to all land application sites:

_____ dry metric tons

b. Do you identify all land application sites in Section C of this application? _____ Yes _____ No

If "No", submit a copy of the Land Application Plan (LAP) with this application (LAP should be prepared in accordance with the instructions).

c. Are any land application sites located in States other than Virginia? _____ Yes _____ No

If "Yes", describe, on this form or on another sheet of paper, how you notify the permitting authority for the States where the land application sites are located. Provide a copy of the notification.

_____

_____

d. Attach a copy of any information you provide to the owner or lease holder of the land application sites to comply with the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H (Examples may be obtained in Appendix IV).

N/A

8. Surface Disposal.

(Complete Question 8 if sewage sludge from your facility is placed on a surface disposal site.)

a. Total dry metric tons per 365-day period of sewage sludge from your facility placed on all surface disposal sites: _____ dry metric tons

b. Do you own or operate all surface disposal sites to which you send sewage sludge for disposal?
_____ Yes _____ No

If "No", answer questions c - g for each surface disposal site that you do not own or operate. If you send sewage sludge to more than one surface disposal site, attach additional pages as necessary.

c. Site name or number: _____

d. Contact person: _____

Title: _____

Phone: (_____) _____

Contact is: _____ Site Owner _____ Site operator

e. Mailing address:

Street or P.O. Box: _____

City or Town: _____ State: _____ Zip: _____

f. Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal site: _____ dry metric tons

g. List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:

Permit Number:	Type of Permit:
_____	_____
_____	_____

9. Incineration.

(Complete Question 9 if sewage sludge from your facility is fired in a sewage sludge incinerator.)

a. Total dry metric tons per 365-day period of sewage sludge from your facility fired in a sewage sludge incinerator: _<1*_ dry metric tons *Low-level radioactive waste only

b. Do you own or operate all sewage sludge incinerators in which sewage sludge from your facility is fired?
_____ Yes __X__ No

If "No", answer questions c - g for each sewage sludge incinerator that you do not own or operate. If you send sewage sludge to more than one sewage sludge incinerator, attach additional pages as necessary.

c. Incinerator name or number: _Duratek Inc._ _____

d. Contact person: _Dennis Hennen_ _____

Title: Account Manager

Phone: (865) 220-1632

Contact is: __X__ Incinerator Owner __X__ Incinerator Operator

e. Mailing address:

Street or P.O. Box: 1560 Bear Creek Road, PO Box 2530

City or Town: Oak Ridge State: TN Zip: 37830

f. Total dry metric tons per 365-day period of sewage sludge from your facility fired in this sewage sludge incinerator: <1* dry metric tons *Low-level radioactive waste only

g. List on this form or an attachment the numbers of all other federal, state or local permits that regulate the firing of sewage sludge at this incinerator:

Permit Number:	Type of Permit:
450482	Conditional Major Operating Permit (TN Division of Air Pollution)
TNR051628	NPDES Permit for Storm Water discharges Associated with Industrial Activity
Permit Number:	Type of Permit:
TND 98-215-7570	Hazardous Waste Generator
071299 851 014H	Hazardous Materials Certification of Registration (DOT)
TN-8004	Tracking system Permit (Illinois Department of Nuclear Safety)
T-TNO12-L05	Radioactive Waste Delivery License

N/A **10. Disposal in a Municipal Solid Waste Landfill.**

(Complete Question 10 if sewage sludge from your facility is placed on a municipal solid waste landfill. Provide the following information for each municipal solid waste landfill on which sewage sludge from your facility is placed. If sewage sludge is placed on more than one municipal solid waste landfill, attach additional pages as necessary.)

a. Landfill name: _____

b. Contact person: _____

Title: _____

Phone: (_____) _____

Contact is: _____ Landfill Owner _____ Landfill Operator

c. Mailing address:

Street or P.O. Box: _____

City or Town: _____ State: _____ Zip: _____

d. Landfill location.

Street or Route #: _____

County: _____

City or Town: _____ State: _____ Zip: _____

e. Total dry metric tons per 365-day period of sewage sludge placed in this municipal solid waste landfill:

_____ dry metric tons

f. List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the operation of this municipal solid waste landfill:

Permit Number:	Type of Permit:
_____	_____
_____	_____

g. Does sewage sludge meet applicable requirements in the Virginia Solid Waste Management Regulation, 9 VAC 20-

80-10 et seq., concerning the quality of materials disposed in a municipal solid waste landfill?
_____ Yes _____ No

h. Does the municipal solid waste landfill comply with all applicable criteria set forth in the Virginia Solid Waste Management Regulation, 9 VAC 20-80-10 et seq.? _____ Yes _____ No

i. Will the vehicle bed or other container used to transport sewage sludge to the municipal solid waste landfill be watertight and covered? _____ Yes _____ No

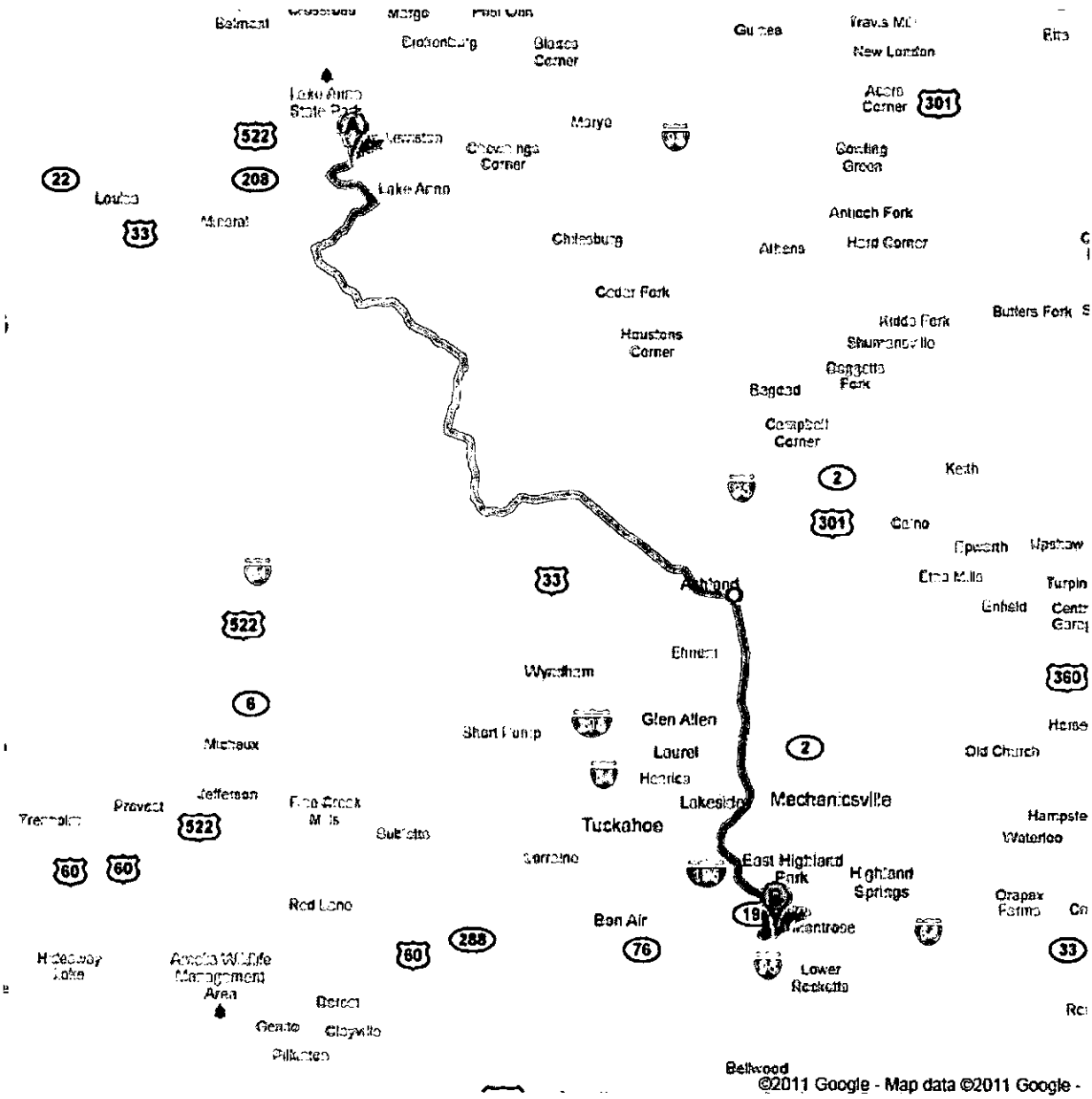
Show the haul route(s) on a location map or briefly describe the route below and indicate the days of the week and time of the day sewage sludge will be transported.

_____

_____

Pages 10 – 16 were not included as they are "N/A ."

FACILITY NAME: ___NORTH ANNA POWER STATION__VPDES PERMIT NUMBER: VA0052451

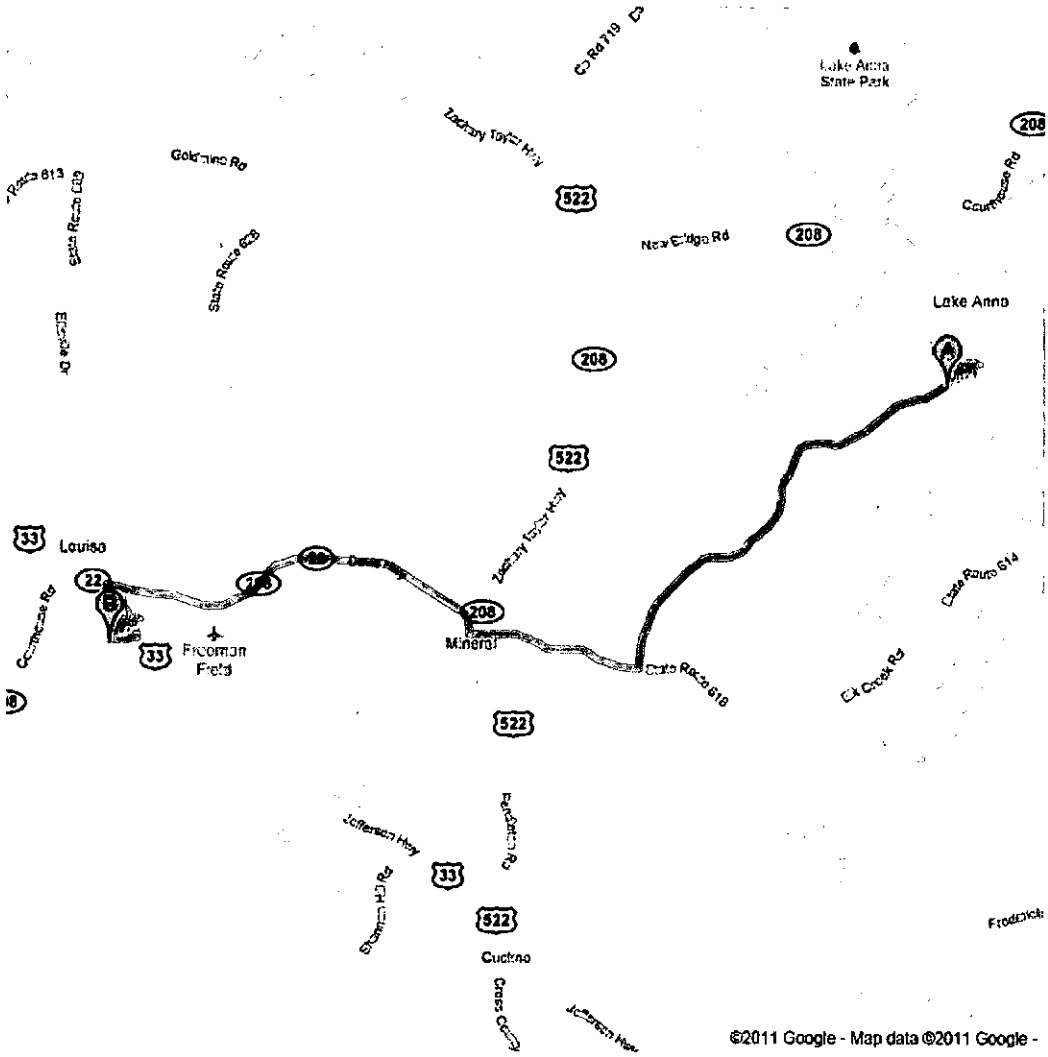


(A) 1022 Haley Dr, Bumpass, VA 23024

	1. Head **southwest** on **Haley Dr/State Route 700** toward **Kentucky Springs Rd/State Route 652** About 3 mins	go 1.2 mi total 1.2 mi
	2. Take the 2nd left onto **Kentucky Springs Rd/State Route 652** About 5 mins	go 2.8 mi total 3.9 mi
	3. Turn right onto **Elk Creek Rd/State Route 614** About 6 mins	go 3.9 mi total 7.8 mi
	4. Sharp left onto **Fredericks Hall Rd/State Route 618** Continue to follow State Route 618 About 14 mins	go 9.8 mi total 17.6 mi
	5. Turn right onto **State Route 680/Woodsons Mill Rd** About 1 min	go 0.5 mi total 18.1 mi
	6. Turn right onto **Shiloh Church Rd/State Route 680** About 5 mins	go 3.4 mi total 21.5 mi
	7. Slight left onto **Old Ridge Rd/State Route 631** About 2 mins	go 1.1 mi total 22.6 mi
	8. Turn right onto **Beaver Dam Rd/State Route 715** About 4 mins	go 2.9 mi total 25.6 mi
33	9. Turn left onto **US-33 E/Mountain Rd** About 4 mins	go 1.9 mi total 27.5 mi
54	10. Continue onto **VA-54 E/W Patrick Henry Rd** Continue to follow VA-54 E About 19 mins	go 12.9 mi total 40.4 mi
95	11. Merge onto **I-95 S** via the ramp to **Richmond** About 21 mins	go 18.4 mi total 58.8 mi
	12. Take exit **73** for **Maury St** toward **Commerce Rd** About 1 min	go 0.5 mi total 59.3 mi
	13. Turn right onto **Maury St** About 1 min	go 0.3 mi total 59.6 mi
	14. Continue onto **Brander St** Destination will be on the right About 1 min	go 0.5 mi total 60.1 mi

(B) 1400 Brander St, Richmond, VA 23224

FACILITY NAME: __NORTH ANNA POWER STATION__VPDES PERMIT NUMBER: VA0052451



A 1022 Haley Dr, Bumpass, VA 23024

1. Head **southwest** on **Haley Dr/State Route 700** toward **Kentucky Springs Rd/State Route 652** Continue to follow State Route 700 About 15 mins	go 5.7 mi total 5.7 mi
2. Turn right onto **Fredericks Hall Rd/State Route 618** About 3 mins	go 1.6 mi total 7.4 mi
3. Continue onto **E 1st St** About 2 mins	go 0.6 mi total 8.0 mi
4. Turn right onto **VA-208 W/VA-22 W/Piedmont Ave** Continue to follow VA-208 W/VA-22 W About 7 mins	go 5.2 mi total 13.2 mi
5. Turn left onto **US-33 E** About 3 mins	go 0.8 mi total 14.0 mi
6. Turn right onto **Pine Ridge Dr** Destination will be on the left About 1 min	go 0.4 mi total 14.3 mi

B 131 Pine Ridge Dr, Louisa, VA 23093

Public Notice Authorization

VA DEPARTMENT OF ENVIRONMENTAL QUALITY
NORTHERN
APR 12 2012
REGIONAL OFFICE
WOODBRIDGE, VA

AUTHORIZATION FOR PUBLIC NOTICE BILLING

TO

VPDES PERMIT APPLICANT

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in the *Central Virginian.*

Authorizing Agent: Pamela F. Faggert
Signature

Applicant's Address: Dominion
5000 Dominion Blvd.
Glen Allen, VA 23060

Telephone Number: 804/273-3467

Permit No. VA0052451
Attn: Susan Mackert

Attachment I

Supplemental Information

EPA Form 1, Part VIII.

Virginia Electric and Power Company and Old Dominion Electric Cooperative own the North Anna Power Station. Virginia Electric and Power Company operates the facility and is the VPDES permit holder.

EPA Form 1, Part X.

In addition to the Units 1 and 2 related environmental permits listed in Part X, the facility also obtained the following authorizations:

Type of Permit	Permit Number	Issuing Agency
Impacts to Navigable Waters	VWP10-1256	VA DEQ
Impacts to Navigable Waters	10-1256	USACE, VMRC
Wetlands Impacts	10-V1256/ NAO2008-2534	USACE
Land disturbance	ESCP30-80	Louisa County
Water Supply Well	n/a	VDH, Louisa County

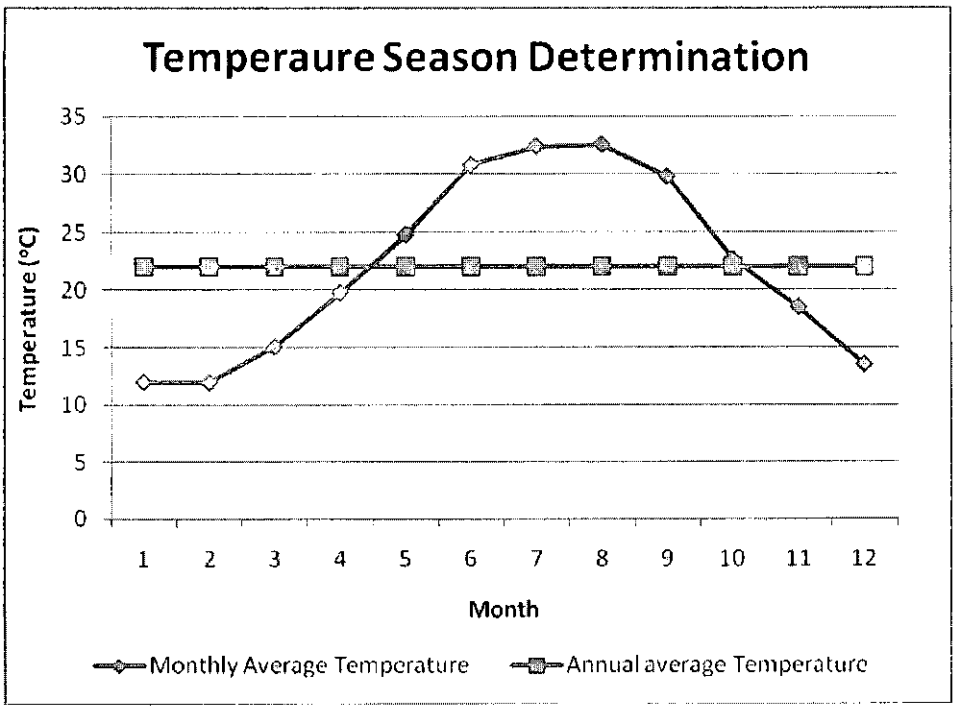
EPA Form 2C, Part V.

When analyzing a mixed data set (a mixture of real values and less than quantification level values), a value of one half the quantification level was used to generate the requested calculated value. Mass loadings were calculated using the maximum flow value. In cases where all measured data were less than the quantification level, the mass loading was reported as "less than" the calculated value. When all data were less than the quantification level and different quantification levels were achieved, the average concentration was reported as less than the highest quantification level achieved (e.g. if four sample results were <0.1, <0.01, <0.001, and <0.005, the average concentration was reported as <0.1).

Maximum 30-day flow values were not available for internal outfalls 103, 105, 108, 110, 112, 113, 114, 115. When available, long term average flows were calculated using the monthly average flows.

Outfalls 107, 115, and 021 did not discharge during the 2008 – 2010 monitoring period. Data from the 2005-2007 monitoring period was used to complete Part V for Outfall 107. However, Outfalls 021 and 115 have not discharge in the last two permit terms (2005 – August 2011). For Outfall 115, the permit instructs that Outfall 108 data may be utilized; accordingly, Part V. for this outfall was completed with Outfall 108 data. Outfall 021 was deemed substantially identical to the intake so intake data collected in 2011 was used to complete this section of the application for Outfall 021.

Dominion utilized the DEQ standard protocol for determining seasonal temperature periods (see the temperature graph below). The winter temperature months were determined to be November – April with summer months as May – October. These seasons were used to determine the summer and winter temperatures for Outfall 001 presented in Part.V.A.1.g and h.



As allowed in the EPA Form 2C instructions, grab samples were taken for Outfalls 001, 009 and the intake as these samples are collected from impoundments with a retention period of greater than 24 hours.

In accordance with the approved Sampling Waiver Request (see Attachment D), EPA Form 2A was completed for Outfall 111 (treated effluent from the wastewater plant) as opposed to including EPA Form 2C, Part V pages.

For Outfall 104, only the parameters required on the DMR are reported for Part V; however, the data utilized to complete this section for Outfall 013 are the analytical results from Outfall 104 samples as Outfall 013 is substantically identical to Outfall 104.

Part V.A.4 (Intake) was compelted only for Outfall 001; however this intake data is representative of the intake water quality for Outfalls 001, 009, 013, 016, 020, and 021.

The two most common isotopes of radium in water are radium-226 (the most common) and radium-228. Radium-226 decays by the emission of an alpha particle. Radium-228 decays by the emission of a beta particle. Gross alpha particle activity, which is a measure of the total amount of alpha radiation given off by the water, can be used as a screening tool to indicate the presence of radium-226 in a water sample. With this in mind, the amount of radium-226 present in the sample would not be expected to exceed the total alpha-particle activity. Similarly, since radium-228 is a beta emitter the total beta radiation could be used a worse case estimate of the amount of radium-228. Typically, only if the amount of total alpha-particle activity measured is greater than 5 pCi/L, testing for radium-226 and radium-228 is necessary. Thus, while the sample plan submitted to the DEQ proposed analytical testing of Radium-226 and total Radium, this testing was not performed as the results of the Gross Alpha particle activity and Gross Beta activity were less than 5 pCi/L.

EPA Form 2A, A.12.

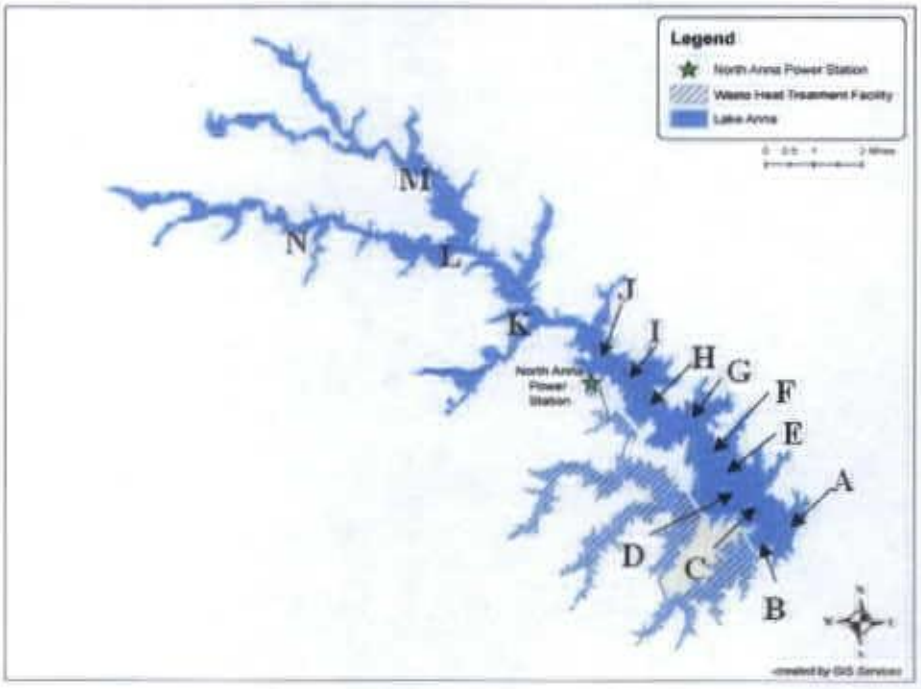
The reported summer and winter temperature seasons were established as described above (i.e. summer being May – October and winter being November – April). Temperature is measured weekly in the aeration basin as a process control measure, and the effluent temperature is not expected to vary substantially from the aeration basin temperature. The seasonal temperature values reported on the Form 2A are those temperatures taken in the aeration basin from January – August 2011. The 90th percentile value was 27.6 °C while the 10th percentile value was 8.2 °C. Three effluent temperature measurements were taken as well as aeration basin temperatures and are presented in the table below.

Date	Aeration Basin Temperature (°C)	Effluent Temperature (°C)
9/9/11	26.4	26.9
9/10/11	27.1	26.6
9/13/11	26.8	26.2

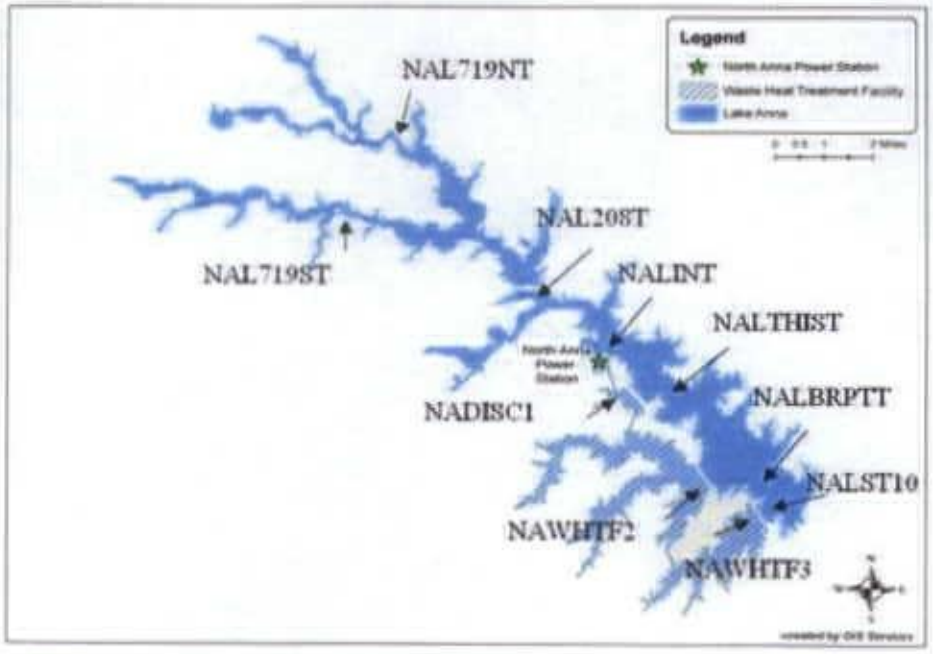
In a conversation with DEQ – Northern Regional Office on September 7, 2011, it was determined that the effluent quality from the sewage treatment plant is not expected to vary seasonally with respect to bacteria concentrations. Accordingly, three fecal coliform samples were collected and analyzed on 8/4/11, 9/20/11, and 10/4/11.

Additional Temperature Information

Approximate Location of Thermal Plume Sampling Stations



Approximate Location of Temperature Recorders



Summary of North Anna fixed recorder temperature data from 2007-2011. All results are calculated from hourly temperatures (in °C).

July

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	33.9	34.1	33.8	33.9	33.8	33.8	33.3	40.6	38.6	36.9	34.5
Mean Temp	29.6	29.7	29.7	29.6	29.9	30.1	30.2	37.1	34.3	32.9	29.7
Min Temp	26.6	26.8	27.0	27.2	27.4	27.5	27.3	32.3	29.7	29.1	25.8
Hours	3,719	2,975	3,721	3,720	4,464	3,720	4,464	3,720	3,720	3,720	3,721

August

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	33.3	33.5	33.3	33.6	33.5	33.4	33.4	40.5	38.3	36.5	33.8
Mean Temp	29.3	29.6	29.7	29.7	29.9	30.6	30.9	36.9	34.4	32.9	29.9
Min Temp	25.7	26.5	26.5	26.9	26.6	27.5	28.6	23.2	23.4	27.8	26.1
Hours	3,720	2,976	3,720	3,720	4,464	3,720	4,261	4,101	3,720	3,720	3,720

September

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	31.2	30.6	31.5	31.1	31.6	31.5	31.6	38.3	36.5	34.5	32.5
Mean Temp	26.0	25.8	26.5	26.6	26.9	27.3	28.2	32.3	29.9	28.7	26.6
Min Temp	22.1	21.9	23.1	23.3	23.3	23.7	23.9	23.6	23.6	23.3	22.5
Hours	3,600	3,181	3,600	3,600	4,017	3,600	3,299	5,039	3,600	3,600	3,600

October

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	26.8	26.3	26.5	26.9	26.9	26.8	26.9	33.1	30.7	29.4	26.8
Mean Temp	20.1	20.1	20.9	21.1	21.5	21.8	22.6	24.7	23.8	22.7	20.9
Min Temp	13.8	14.1	15.6	16.2	16.2	16.1	17.7	16.3	16.1	15.6	15.3
Hours	3,717	3,719	3,719	3,718	3,509	3,719	2,974	5,207	3,718	3,719	3,719

November

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	18.3	18.1	19.8	20.4	20.9	21.8	22.5	29.5	25.4	23.2	20.2
Mean Temp	13.1	13.1	14.6	15.1	15.4	16.4	17.7	22.6	19.7	17.9	15.0
Min Temp	7.7	7.9	9.5	10.3	10.6	12.1	12.8	13.9	13.6	13.3	10.8
Hours	3,599	3,600	3,600	3,599	3,600	3,601	2,880	5,039	3,599	3,600	4,039

December

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	12.2	11.9	13.4	13.9	14.3	15.8	16.7	25.7	20.9	17.8	15.8
Mean Temp	7.0	7.4	9.0	9.9	10.4	12.0	12.7	20.1	16.8	14.4	11.2
Min Temp	2.4	2.4	3.8	5.6	6.2	7.8	9.2	9.2	11.6	10.2	6.8
Hours	3,720	3,995	3,719	3,443	3,720	3,719	2,976	5,208	3,720	3,720	4,462

Summary of North Anna fixed recorder temperature data from 2007-2011. All results are calculated from hourly temperatures (in °C).

January

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	10.2	10.4	11.8	12.3	12.7	13.7	14.4	25.4	20.5	17.0	14.1
Mean Temp	4.9	4.9	5.8	7.2	7.7	9.5	10.6	19.9	14.8	12.2	9.1
Min Temp	1.6	1.7	1.8	3.8	5.1	6.7	8.1	9.7	11.3	9.3	5.7
Hours	3,719	3,720	3,721	3,722	3,721	3,721	3,719	3,889	3,720	3,721	4,407

February

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	8.4	8.3	9.7	10.0	10.7	11.8	12.4	22.5	18.4	14.7	12.4
Mean Temp	5.3	5.1	5.2	6.6	7.1	9.0	10.2	19.2	14.2	11.8	9.1
Min Temp	2.5	2.6	2.7	4.5	4.8	6.7	8.0	14.6	10.1	9.4	6.2
Hours	3,782	3,385	3,384	3,384	3,384	3,384	3,384	3,384	3,384	3,384	3,384

March

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	17.0	16.7	15.6	15.7	15.6	15.9	15.7	26.8	22.1	19.7	16.2
Mean Temp	9.8	9.9	10.0	10.4	10.9	12.1	12.6	22.7	17.5	15.3	12.0
Min Temp	4.6	4.9	4.5	5.1	6.1	8.1	9.4	16.2	12.6	10.7	7.5
Hours	4,464	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720	3,720

April

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	22.8	22.7	21.5	21.2	21.1	21.7	21.4	29.8	27.4	25.4	22.5
Mean Temp	15.7	15.8	15.8	15.7	16.2	16.4	16.9	25.5	21.5	19.7	16.4
Min Temp	10.2	10.2	10.6	11.0	11.4	12.1	7.6	5.0	2.2	0.0	7.9
Hours	4,158	3,082	3,596	3,594	4,110	3,596	4,112	3,595	3,596	3,600	3,595

May

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	29.1	29.5	29.4	29.5	29.3	29.0	27.4	35.0	33.4	32.5	30.0
Mean Temp	22.2	22.6	21.9	21.6	21.8	22.1	21.9	29.8	27.1	25.6	21.8
Min Temp	16.8	18.6	18.2	17.8	18.0	18.5	17.9	25.9	23.1	21.6	10.0
Hours	3,720	2,976	3,720	3,720	4,464	3,720	4,345	3,720	3,720	3,720	3,720

June

	NAL719ST	NAL719NT	NAL208T	NALINT	NALTHIST	NALBRPTT	NALST10	NADISC1	NAWHTF2	NAWHTF3	NARIV601
Max Temp	32.3	32.0	32.5	31.6	31.8	31.8	31.2	38.5	36.3	34.5	32.3
Mean Temp	28.1	28.1	28.0	27.7	28.0	27.9	27.6	35.0	32.4	31.1	27.7
Min Temp	23.8	23.3	24.0	23.9	24.0	23.6	23.4	30.0	28.5	27.0	23.4
Hours	3,600	2,880	3,600	3,600	4,320	3,600	4,320	3,600	3,600	3,600	3,600

2007 Temperature Depth Profile Summary

Warm — Cool

2/27/2007

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	9.5	9.6	9.5	9.5	9.7	9.4	8.5	7.4	7.4	6.9	4.7	4.8	4.9	5.4
1	9.3	9.4	8.9	8.9	9.0	8.6	7.9	7.3	6.3	5.4	4.5	4.4	4.9	4.8
2	9.2	9.4	8.8	8.8	8.8	8.5	7.5	7.0	6.4	4.5	4.2	4.0	4.7	4.7
3	9.2	9.3	8.4	8.6	8.5	8.4	7.4	6.8	6.5	4.2	4.1	3.9	4.7	4.6
4	9.2	9.3	7.7	7.8	8.0	8.2	7.4	6.7	6.2	4.2	4.0	3.9	4.7	4.6
5	9.2	9.2	7.6	7.8	7.7	8.2	7.3	6.3	6.2	4.0	4.0	3.9	4.6	4.6
6	9.1	9.2	7.5	7.6	7.6	8.1	7.3	6.5	6.1	3.9	4.0	3.9	4.6	4.6
7	9.0	9.1	7.5	7.5	7.5	8.0	7.2	6.4	6.0	3.5	4.0	3.9	4.6	4.6
8	8.9	8.9	7.5	7.4	7.4	7.6	6.9	6.3	5.8	5.1	4.0		4.6	
9	7.9	8.7	7.4	7.4	7.4	7.1	6.9	6.3	5.7	5.1	4.0			
10	7.4	8.5	7.4	7.4	7.3	7.0	6.8	6.2	5.7	5.1	4.0			
11	7.3	8.3	7.4	7.4	7.3	6.9	6.7	6.0	5.3	5.0	4.0			
12	7.3	8.2	7.3	7.4	7.3	6.9	6.6	5.8	4.6	4.8	4.0			
13	7.3	8.0	7.3	7.3	7.3	6.9	6.4	5.3	4.6	4.4	4.0			
14	7.3	8.0	7.2	7.2	7.3	6.7	6.3	4.0		4.4	4.0			
15	7.3	8.0	7.2	7.2	7.3	6.5	6.2	4.0			4.0			
16	7.3	8.0	7.2	7.2	7.2	6.5	6.2							
17	7.3		7.2	7.2	7.2	6.5	6.2							
18	7.3		7.2	7.2	7.2	6.5	6.2							
19	7.3		7.2	7.2		6.5	6.2							
20	7.3					6.5								
21	7.2													

8/7/2007

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	31.5	31.0	31.2	31.1	31.3	31.4	31.1	31.1	31.1	30.8	30.5	30.5	31.0	31.1
1	31.2	30.8	30.9	30.9	30.7	31.1	30.6	30.9	30.5	30.3	30.2	30.1	30.2	30.1
2	31.1	30.7	30.7	30.6	30.6	31.0	30.6	30.1	30.4	30.2	30.1	30.0	29.9	29.9
3	31.1	30.7	30.6	30.5	30.5	30.8	30.6	30.1	30.3	30.1	30.0	29.9	29.7	29.6
4	31.1	30.6	30.3	30.4	30.4	30.7	30.5	30.0	30.3	30.1	29.8	29.7	29.2	29.4
5	31.1	30.3	30.3	30.3	30.3	30.6	30.5	30.0	29.8	29.9	29.7	29.4	29.1	28.6
6	31.0	30.1	30.2	30.1	30.2	30.3	30.4	29.9	29.7	29.9	29.5	29.2	28.5	28.2
7	30.6	28.6	30.1	30.1	30.1	30.2	30.2	29.3	29.1	29.4	28.9	28.9	28.0	27.8
8	30.3	28.3	30.1	30.0	29.9	29.9	30.1	28.9	28.5	28.5	28.1		27.7	
9	29.3	28.3	29.4	29.6	29.7	29.6	28.7	28.6	28.2	27.9	27.8			
10	28.8	27.6	29.4	29.3	28.7	28.3	28.1	27.9	27.2	27.6	27.4			
11	27.5	26.8	27.5	27.8	27.8	27.7	27.6	27.5	27.5	27.1	27.1			
12	27.1	26.7	27.2	27.3	27.4	27.4	27.1	27.1	27.0	26.8	26.7			
13	27.0	26.3	26.9	26.9	27.1	26.8	26.9	27.0	26.9	26.5	26.3			
14	26.4	26.1	26.7	26.7	26.6	26.5	26.6	26.9		25.6	26.2			
15	26.2	26.1	26.7	26.5	26.5	26.4	26.3	26.5			26.1			
16	25.8	26.1	25.7	26.2	26.5	26.2	25.6							
17	24.7		25.2	25.3	26.6	25.3	24.7							
18	23.0		21.7	24.1		23.9	24.2							
19	21.0		20.3	21.0		19.7	20.7							
20	18.5					18.4								
21	17.1													

11/14/2007

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	18.5	18.6	18.3	18.2	18.3	18.1	17.7	17.4	16.8	16.8	16.3	15.5	14.3	14.3
1	18.5	18.6	18.3	18.1	18.3	17.9	17.6	17.3	16.7	16.7	16.2	15.2	14.0	14.1
2	18.4	18.6	17.9	18.0	18.1	17.9	17.6	16.8	16.6	16.6	16.1	14.5	14.0	13.9
3	18.3	18.6	17.8	17.6	17.9	17.9	17.5	16.6	16.6	16.6	15.7	14.2	13.6	12.9
4	18.3	18.5	17.4	17.4	17.8	17.9	17.5	16.4	16.5	16.5	14.3	14.1	12.3	12.2
5	18.1	18.5	17.2	17.2	17.3	17.8	17.4	16.0	16.5	16.3	14.1	14.0	11.9	12.2
6	17.6	18.2	17.2	17.2	17.3	17.8	17.3	15.9	16.4	16.1	14.1	14.0	11.9	12.0
7	17.3	18.2	17.1	17.2	17.2	17.8	17.3	15.8	16.2	15.8	14.1	14.0	11.9	
8	17.2	18.2	17.1	17.2	17.2	17.7	17.2	15.6	15.8	15.1	14.0			
9	17.2	18.0	17.1	17.1	17.2	16.8	16.5	15.4	15.5	14.6	13.9			
10	17.1	18.0	17.1	17.1	17.1	16.7	16.3	14.8	15.0	14.5	13.7			
11	17.1	18.0	17.1	17.1	17.1	16.6	16.2	14.8	14.7	14.4	13.5			
12	17.1	17.9	17.1	17.1	17.0	16.4	16.1	14.7	14.7	14.4	13.5			
13	17.1	17.9	17.1	17.0	17.0	16.2	15.7	14.8	14.7	14.3				
14	17.1	17.8	17.1	17.0	17.0	15.9	15.5	14.8		14.3				
15	17.1	17.8	17.0	17.0	17.0	15.9	15.3	14.7						
16	17.1	17.8	17.1	17.0	17.0	15.9	15.2							
17	17.1		17.1	17.0	17.0	15.8	15.2							
18	17.1		17.0	17.0	17.0	15.8	15.2							
19	17.1		17.0	17.0		15.8	15.2							
20	17.2					15.8								
21	17.2													

2008 Temperature Depth Profile Summary

Warm — Cool

2/15/08

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	10.4	10.9	10.3	10.2	10.2	9.3	8.9	8.6	8.6	8.4	7.5	6.4	7.1	6.7
1	10.3	10.9	10.3	10.2	10.1	9.3	8.8	8.6	8.5	8.3	7.5	6.4	6.8	6.3
2	10.3	10.8	10.2	10.1	10.1	9.1	8.8	8.5	8.3	8.3	7.5	6.4	6.3	6.2
3	10.2	10.8	10.1	10.1	10.0	9.1	8.7	8.4	8.2	8.3	7.5	6.1	6.3	6.2
4	10.2	10.8	10.1	9.8	9.9	9.1	8.6	8.2	8.2	8.1	7.4	6.1	6.1	6.2
5	10.2	10.8	10.0	9.7	9.8	9.1	8.6	8.2	8.2	8.0	7.3	6.0	6.0	6.2
6	10.2	10.8	9.6	9.5	9.4	9.0	8.6	8.2	8.1	7.8	6.9	6.0	6.0	6.2
7	10.2	10.8	9.5	9.3	9.4	9.0	8.6	8.1	8.1	7.8	6.8	6.0	6.0	6.2
8	10.2	10.7	9.5	9.3	9.3	9.0	8.5	8.1	8.1	7.7	6.7		5.9	
9	10.2	10.7	9.5	9.1	9.2	9.0	8.5	8.1	8.1	7.6	6.6			
10	10.0	10.7	9.5	9.1	9.2	9.0	8.5	8.1	8.1	7.5	6.6			
11	9.6	10.7	9.4	9.1	9.2	9.0	8.5	7.9	8.1	7.5	6.5			
12	9.6	10.7	9.4	9.1	9.2	9.0	8.4	7.9	7.9	7.4	6.5			
13	9.4	10.6	9.2	9.1	9.2	8.9	8.4	7.9	7.6	7.4	6.5			
14	9.3	10.4	9.1	9.1	9.1	8.8	8.4	7.9		7.4	6.5			
15	9.3	10.1	9.0	9.1	9.1	8.7	8.3	7.8			6.5			
16	9.3	10.0	9.0	9.0	9.1	8.6	8.3							
17	9.3		9.0	9.0	9.1	8.6	8.3							
18	9.3		9.0	9.0	9.1	8.5	8.3							
19	9.3		9.0	9.0		8.5	8.3							
20	9.3					8.5								
21	9.3													

4/10/08

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	17.2	16.5	17.3	16.8	16.5	17.0	16.5	15.6	15.3	17.1	16.6	16.5	15.6	16.2
1	16.3	16.4	16.0	16.1	16.0	16.4	15.8	15.4	14.7	15.4	14.7	14.1	14.6	14.1
2	16.2	16.3	15.9	16.2	15.8	16.2	15.8	14.3	14.3	14.5	13.8	12.8	13.4	12.5
3	16.1	16.3	15.4	15.8	15.4	15.8	15.7	14.2	13.7	14.3	13.5	12.4	12.5	12.3
4	15.8	16.2	15.4	15.4	15.1	15.6	15.5	13.9	13.7	14.2	13.0	12.3	12.2	12.2
5	15.7	16.1	14.9	14.8	14.7	15.6	15.2	13.6	13.6	14.2	12.4	12.1	12.0	12.2
6	14.9	15.6	14.6	14.7	14.7	15.4	14.4	13.2	13.5	13.6	12.2	12.0	11.8	12.2
7	14.7	15.4	14.6	14.6	14.6	14.4	14.3	13.2	13.3	12.8	12.2	12.0	11.8	12.2
8	14.2	14.7	14.5	14.6	14.5	14.2	13.8	12.9	13.2	12.5	12.0		11.8	
9	14.2	14.4	14.3	14.5	14.4	14.1	13.5	12.7	13.1	12.3	12.0			
10	13.3	14.4	13.9	14.4	13.7	13.6	13.4	12.3	12.8	12.3	12.0			
11	13.3	13.9	13.7	13.7	13.6	13.2	12.7	12.2	12.5	12.2	12.0			
12	13.2	13.6	13.6	13.6	13.5	12.8	12.6	12.2	12.3	12.2	12.0			
13	13.1	13.5	13.3	13.5	13.3	12.7	12.4	12.2	12.3	12.1				
14	12.8	13.6	13.1	13.4	13.2	12.6	12.4	12.2		12.1				
15	12.8	13.5	12.9	13.3	12.7	12.6	12.4	12.2						
16	12.8	13.5	12.7	13.2	12.7	12.6	12.4							
17	12.8		12.7	12.7	12.7	12.5	12.4							
18	12.7		12.7	12.6	12.6	12.5	12.4							
19	12.7		12.7	12.6		12.5	12.4							
20	12.7					12.5								
21	12.7													

2008 Temperature Depth Profile Summary

Warm — Cool

8/29/08

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	28.3	28.6	28.2	28.2	28.2	27.7	27.5	27.3	27.2	27.1	26.6	26.4	26.0	26.0
1	28.3	28.5	28.2	28.2	28.2	27.7	27.5	27.3	27.2	27.1	26.6	26.4	26.0	25.9
2	28.3	28.5	28.2	28.2	28.2	27.7	27.5	27.3	27.2	27.1	26.6	26.3	26.0	25.8
3	28.3	28.5	28.2	28.2	28.2	27.7	27.5	27.3	27.2	27.1	26.6	26.3	25.9	25.8
4	28.3	28.5	28.2	28.2	28.1	27.7	27.5	27.2	27.2	27.1	26.6	26.3	25.9	25.7
5	28.3	28.5	28.1	28.0	28.1	27.7	27.5	27.2	27.2	27.1	26.6	26.3	25.9	25.7
6	28.3	28.5	27.9	27.9	27.9	27.7	27.5	27.2	27.2	27.1	26.6	26.3	25.9	25.6
7	28.3	28.5	27.9	27.9	27.9	27.7	27.5	27.2	27.2	27.1	26.6	26.3	25.9	25.6
8	28.3	28.4	27.9	27.9	27.9	27.7	27.4	27.1	27.2	27.1	26.5		25.9	
9	28.3	28.3	27.9	27.9	27.9	27.6	27.4	27.1	27.2	27.1	26.5			
10	28.3	28.2	27.8	27.7	27.8	27.6	27.3	27.1	27.2	27.0	26.4			
11	28.2	27.7	27.7	27.7	27.7	27.5	27.3	27.1	27.2	27.0	26.4			
12	27.9	27.7	27.7	27.7	27.7	27.4	27.2	27.0	27.2	27.0	26.3			
13	27.7	27.6	27.7	27.6	27.6	27.3	27.2	27.0	27.1	26.9	26.3			
14	27.6	27.7	27.6	27.6	27.6	27.2	27.2	27.0		26.7	26.3			
15	27.5	27.6	27.6	27.5	27.5	27.2	27.2	27.0						
16	27.1	27.5	27.3	27.3	27.4	27.2	27.2							
17	26.6		26.7	27.0	27.2	27.2	27.1							
18	26.2		26.3	24.2	24.2	27.0	27.0							
19	21.9		22.3			24.9	26.2							
20	20.7					24.2								
21	18.7													

11/12/08

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	16.6	17.0	16.7	16.6	16.6	16.2	15.9	15.8	15.6	15.5	14.9	14.3	13.7	13.8
1	16.6	17.0	16.7	16.6	16.6	16.2	15.9	15.7	15.6	15.5	14.9	14.3	13.7	13.7
2	16.6	17.0	16.7	16.6	16.6	16.2	15.9	15.7	15.6	15.4	14.8	14.3	13.6	13.7
3	16.6	17.0	16.7	16.6	16.5	16.1	15.9	15.7	15.6	15.4	14.8	14.2	13.6	13.6
4	16.6	17.0	16.7	16.6	16.5	16.1	15.9	15.7	15.6	15.3	14.8	14.2	13.6	13.6
5	16.6	17.0	16.7	16.6	16.4	16.1	15.9	15.7	15.6	15.3	14.7	14.2	13.5	13.6
6	16.6	17.0	16.5	16.5	16.4	16.1	15.9	15.7	15.6	15.3	14.7	14.2	13.5	13.6
7	16.5	17.0	16.4	16.3	16.4	16.1	15.9	15.7	15.6	15.3	14.7	14.2	13.5	13.5
8	16.5	17.0	16.3	16.3	16.4	16.0	15.9	15.7	15.5	15.3	14.7		13.5	
9	16.5	17.0	16.3	16.3	16.3	16.0	15.9	15.6	15.5	15.2	14.7			
10	16.5	17.0	16.3	16.3	16.3	16.0	15.8	15.6	15.5	15.2	14.7			
11	16.5	17.0	16.3	16.3	16.3	16.0	15.8	15.6	15.4	15.2	14.6			
12	16.4	17.0	16.3	16.3	16.3	16.0	15.7	15.5	15.3	15.1	14.6			
13	16.4	17.0	16.3	16.3	16.3	16.0	15.7	15.4	15.3	15.1	14.6			
14	16.4	17.0	16.3	16.3	16.3	16.0	15.7	15.4		15.1				
15	16.4	17.0	16.3	16.3	16.3	15.9	15.7	15.4						
16	16.4	17.0	16.3	16.2	16.3	15.9	15.6							
17	16.4		16.2	16.2	16.3	15.9	15.6							
18	16.4		16.2	16.2	16.3	15.8	15.6							
19	16.4		16.2	16.3		15.8	15.6							
20	16.4					15.8								
21	16.4													

2009 Temperature Depth Profile Summary

Warm — Cool

2/25/09

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	10.4	10.2	9.6	9.6	9.6	8.9	8.4	7.8	7.3	7.1	6.1	5.7	6.5	5.5
1	10.3	10.2	9.5	9.6	9.5	8.9	8.3	7.8	7.0	7.1	5.9	5.6	5.2	5.6
2	10.2	10.2	9.4	9.6	9.5	8.9	8.2	7.7	7.0	7.0	5.5	5.4	5.1	5.2
3	10.1	10.2	9.4	9.5	9.4	8.9	8.1	7.7	6.9	6.8	5.4	5.2	5.1	5.2
4	10.0	10.2	9.4	9.5	8.7	8.9	7.9	7.7	6.9	6.8	5.4	5.2	5.0	5.2
5	9.9	10.2	8.5	9.3	8.7	8.8	7.9	7.6	6.9	6.7	5.4	5.2	5.0	5.2
6	9.8	10.2	8.5	8.4	8.6	8.8	7.9	7.6	6.9	6.6	5.4	5.2	5.0	5.0
7	9.6	9.9	8.4	8.4	8.6	8.7	7.9	7.6	6.9	6.5	5.4	5.1	5.0	5.0
8	9.6	9.7	8.3	8.4	8.5	8.6	7.8	7.4	6.8	6.5	5.3		5.0	
9	8.8	9.6	8.3	8.4	8.5	8.5	7.7	7.4	6.8	6.5	5.3			
10	8.4	9.4	8.3	8.3	8.4	8.2	7.7	7.4	6.8	6.4	5.3			
11	8.4	9.6	8.3	8.3	8.4	7.9	7.7	7.2	6.8	6.4	5.2			
12	8.4	9.3	8.3	8.3	8.4	7.8	7.7	7.2	6.6	6.4	5.2			
13	8.4	9.3	8.3	8.3	8.4	7.7	7.5	7.1	6.6	6.3				
14	8.4	9.1	8.3	8.2	8.3	7.7	7.4	7.1		5.9				
15	8.3	9.1	8.3	8.2	8.3	7.7	7.2	7.0						
16	8.3	9.0	8.3	8.2	8.2	7.7	7.2							
17	8.3		8.3	8.2	8.2	7.7	7.2							
18	8.3		8.3	8.2	8.2	7.7	7.2							
19	8.3		8.3	8.2		7.7	7.2							
20	8.3					7.6								
21	8.3													

5/12/09

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	21.4	20.9	21.5	21.5	21.3	16.9	20.9	20.6	20.6	20.6	20.4	20.5	21.0	20.6
1	21.4	20.9	21.5	21.5	21.2	16.7	20.9	20.6	20.6	20.6	20.4	20.5	20.6	20.6
2	21.4	20.9	21.4	21.3	21.2	16.5	20.9	20.6	20.5	20.5	20.3	20.3	20.4	20.2
3	21.3	20.8	21.0	21.0	21.1	16.3	20.7	20.6	20.5	20.5	20.3	20.2	20.2	19.5
4	21.3	20.3	20.8	20.9	20.9	16.1	20.7	20.5	20.4	20.5	20.1	20.2	19.1	18.6
5	21.2	19.9	20.7	20.7	20.8	15.9	20.7	20.2	20.4	20.2	20.0	20.1	18.3	17.7
6	21.2	18.4	20.6	20.6	20.7	15.7	20.7	20.1	20.3	20.0	19.8	19.5	17.4	17.3
7	21.2	18.2	20.6	20.6	20.7	15.6	20.5	19.8	19.5	19.9	18.8	18.0	16.7	17.2
8	21.1	18.1	20.5	20.3	20.0	15.2	19.7	19.8	18.8	19.1	18.2		16.6	
9	20.3	18.0	20.1	20.2	19.3	15.1	19.3	18.9	18.2	18.6	17.9			
10	18.9	17.5	20.1	19.3	18.9	14.9	18.6	18.1	18.1	17.9	17.6			
11	17.7	15.8	17.8	18.3	18.8	14.8	17.6	17.2	17.4	16.6	17.1			
12	17.7	15.3	17.5	15.4	16.4	14.8	16.6	17.1	16.5	15.9	16.5			
13	15.0	15.1	14.7	15.2	15.2	14.7	15.4	16.2	15.8	15.2				
14	14.3	14.6	14.7	15.4	14.6	14.6	15.1	14.7		14.5				
15	14.0	14.4	14.3	14.3	14.1	14.6	14.7	14.6						
16	13.9	14.2	14.1	14.1	14.0	14.4	14.7							
17	13.9		13.9	13.7	13.8	14.3	14.7							
18	13.6		13.6	13.6	13.7	14.3	14.7							
19	13.5		13.6	13.6		14.3	14.7							
20	13.4													
21	13.4													

2009 Temperature Depth Profile Summary

Warm — Cool

7/13/09

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	29.2	29.1	29.1	29.1	29.7	29.1	29.9	29.4	28.8	29.1	28.8	29.2	28.5	28.5
1	29.1	28.9	29.1	28.7	28.7	28.8	28.7	28.2	28.4	28.5	28.2	28.2	28.1	28.4
2	29.0	28.7	28.9	28.5	28.6	28.7	28.7	28.2	28.1	28.3	28.1	28.1	27.9	27.7
3	28.9	28.7	28.9	28.5	28.5	28.7	28.6	28.1	28.1	28.2	27.9	27.8	27.5	27.4
4	28.9	28.5	28.6	28.3	28.4	28.7	28.5	28.0	27.8	28.1	27.7	27.5	27.1	27.2
5	28.9	28.5	28.5	28.3	28.4	28.5	28.4	27.7	27.7	27.7	27.4	27.3	27.0	27.1
6	28.8	27.3	28.2	28.2	28.2	28.4	28.1	27.6	27.7	27.5	27.1	27.2	26.9	27.1
7	28.8	27.1	28.2	28.1	28.1	28.1	27.7	27.4	27.4	27.2	27.1	27.1	26.9	27.0
8	28.1	26.8	28.1	28.1	27.9	27.9	27.6	27.2	27.2	27.2	26.8			
9	27.9	26.4	27.8	27.9	27.9	27.5	27.2	27.1	27.1	26.8	26.5			
10	27.5	26.1	27.7	27.7	27.7	27.4	26.8	26.7	27.1	26.4	26.1			
11	26.8	25.5	27.7	26.5	27.2	26.6	26.3	26.4	26.6	26.3	25.9			
12	26.3	25.2	26.2	26.2	26.3	26.3	26.2	26.3	26.2	25.9	25.6			
13	25.8	24.3	25.6	25.6	25.6	26.2	26.1	26.3	26.0	25.5	25.6			
14	24.9	23.3	24.9	25.6	25.2	24.7	25.3	25.4		22.1				
15	23.4	22.9	24.9	22.5	23.9	24.6	25.3	25.0						
16	21.9	22.8	23.2	22.5	22.7	22.2	23.4							
17	20.9		20.5	20.5	11.9	22.3	21.9							
18	19.5		20.5	19.8	19.9	21.8	21.7							
19	17.5		18.2	18.2		21.6	21.7							
20	17.4					21.8								
21	16.9													

10/21/09

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	20.0	22.0	20.3	19.3	19.3	19.3	19.5	19.2	19.0	18.9	18.9	17.8	16.8	17.3
1	19.9	21.0	20.1	19.3	19.3	19.5	19.2	18.7	18.8	18.5	18.1	17.0	16.8	16.3
2	19.8	21.0	19.9	19.3	19.3	19.3	19.1	18.4	18.7	18.3	17.9	16.5	16.1	16.2
3	19.8	21.0	19.6	19.3	19.3	19.3	19.0	18.3	18.7	18.3	17.7	16.4	15.9	16.1
4	19.7	21.0	19.2	19.2	19.3	19.3	19.0	18.3	18.5	18.3	17.2	16.4	15.7	14.3
5	19.7	21.0	19.1	19.0	19.3	19.3	19.0	18.3	18.4	18.2	16.8	16.4	15.1	14.2
6	19.7	20.0	19.1	19.0	19.3	19.3	19.0	18.2	18.3	18.2	16.7	16.3	14.8	14.0
7	19.6	19.9	19.0	19.0	19.3	19.3	18.9	18.2	18.3	18.0	16.6	16.2	14.3	
8	19.5	19.8	19.0	19.0	19.3	19.3	18.7	18.0	18.1	17.4	16.4		14.3	
9	19.3	19.6	19.0	19.0	19.3	19.3	18.7	18.0	18.0	17.4	16.4			
10	19.1	19.6	19.0	19.0	19.3	19.3	18.6	17.9	18.0	17.1	16.3			
11	19.0	19.5	19.0	19.0	19.3	19.3	18.5	17.9	17.9	16.8	16.0			
12	19.0	19.5	19.0	19.0	19.3	19.3	18.5	17.9	17.5	16.7	15.9			
13	19.0	19.5	18.9	19.0	19.3	19.3	18.4	17.7	17.0	16.7				
14	19.0	19.5	18.9	19.0	19.3	19.3	18.4	17.5		16.7				
15	19.0	19.4	18.9	19.0	19.3	19.3	18.2	17.2						
16	19.0	19.4	18.9	18.9	19.3	19.3	18.2							
17	19.0		18.9	18.9	19.3	19.3	18.2							
18	19.0		18.9	18.9	19.3	19.3	18.2							
19	19.0		18.9	18.9		19.3	18.2							
20	19.0					19.3								
21	19.0													

2010 Temperature Depth Profile Summary

Warm — Cool

3/2/10

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	10.1	10.3	10.0	9.7	9.5	7.5	7.2	6.8	6.1	6.0	4.7	5.0	5.3	5.0
1	10.1	10.3	10.0	9.7	9.5	7.5	7.2	6.8	6.1	6.0	4.7	5.0	5.1	4.9
2	10.1	10.3	10.0	9.5	9.4	7.5	7.2	6.7	6.1	5.9	4.7	5.0	5.1	4.9
3	10.0	10.2	9.6	9.4	9.4	7.5	7.2	6.7	6.1	5.9	4.7	5.0	5.1	4.9
4	10.0	10.0	8.9	8.6	8.1	7.5	7.2	6.7	6.1	5.6	4.7	5.0	5.1	4.9
5	10.0	10.0	8.9	8.2	8.0	7.5	7.0	6.7	6.1	5.3	4.7	4.9	5.1	4.9
6	9.9	9.9	8.2	8.2	8.0	7.4	7.0	6.7	6.1	5.1	4.7	4.9	5.1	4.8
7	9.7	9.7	8.1	7.9	8.0	7.4	7.0	6.7	6.0	5.1	4.7	4.9	5.1	4.8
8	8.4	9.7	8.1	7.9	7.9	7.4	7.0	6.7	6.0	4.9	4.7			
9	8.2	9.5	8.0	7.9	7.9	7.4	7.0	6.6	6.0	4.9	4.7			
10	8.1	9.4	8.0	7.9	7.9	7.4	7.0	6.6	6.0	4.9	4.6			
11	8.0	9.3	7.9	7.8	7.9	7.4	6.9	6.6	6.0	4.9	4.6			
12	8.0	9.2	7.8	7.8	7.9	7.4	6.9	6.6	5.5	4.9	4.6			
13	8.0	9.0	7.8	7.8	7.8	7.3	6.9	6.6	5.5	4.8				
14	8.0	8.9	7.7	7.6	7.7	7.3	6.9	6.6		4.8				
15	8.0	8.8	7.7	7.6	7.7	7.3	6.9	6.6						
16	8.0	8.8	7.7	7.6	7.7	7.2	6.9							
17	7.9		7.6	7.6	7.7	7.0	6.8							
18	8.0		7.6	7.6	7.7	7.0	6.8							
19	8.2		7.6	7.6		7.0	6.8							
20	8.4					7.0								
21	8.2													

5/21/10

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	24.0	23.0	23.7	23.7	23.7	23.6	24.1	23.0	23.7	22.9	22.6	22.7	22.8	23.1
1	23.3	22.8	23.2	23.2	23.1	22.7	22.6	22.3	22.5	21.8	21.7	22.2	22.5	22.2
2	23.1	22.6	22.9	22.8	22.8	22.5	22.1	21.8	22.2	21.6	21.4	21.0	21.3	21.5
3	23.0	22.4	22.7	22.5	22.5	22.4	21.9	21.5	21.6	21.5	20.9	20.7	20.5	21.0
4	22.8	21.8	22.2	22.0	21.9	22.3	21.9	21.3	21.0	21.3	20.8	20.4	20.3	20.6
5	22.8	21.2	21.7	21.6	21.6	22.2	21.8	21.1	20.9	21.0	20.7	20.4	20.1	20.3
6	22.5	20.4	21.4	21.5	21.5	22.2	21.5	20.9	20.8	20.9	20.5	20.2	19.9	20.1
7	22.1	20.2	21.3	21.3	21.3	21.4	21.2	20.8	20.7	20.7	20.1	20.1	19.7	19.8
8	21.6	19.5	21.2	21.3	21.3	21.3	21.2	20.7	20.5	20.4	19.9		19.2	
9	21.3	19.3	21.1	21.2	21.2	21.1	21.1	20.3	19.7	20.1	19.5			
10	20.9	18.9	20.8	20.8	20.9	21.0	20.8	19.4	19.3	19.6	19.2			
11	19.4	18.2	20.3	20.0	19.9	19.6	20.2	19.2	19.1	19.1	18.4			
12	18.9	15.5	19.4	19.4	19.2	19.0	19.1	19.1	18.9	18.3	18.1			
13	17.8	15.3	18.4	17.8	17.7	18.3	17.9	18.6	18.5	17.1	17.8			
14	16.9	15.2	15.9	16.6	16.8	17.2	17.1	17.4		15.6				
15	15.7	15.0	15.7	15.8	15.8	16.3	16.6	17.0						
16	14.8	14.9	15.2	14.8	15.1	14.5	15.7							
17	13.4		13.7	13.5	14.1	13.5	14.5							
18	13.4		12.8	13.0	12.8	12.7	14.0							
19	12.5		12.4	12.6		12.4	13.1							
20	12.4					12.3								
21	12.4													

2010 Temperature Depth Profile Summary

Warm — Cool

8/24/10

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	30.5	30.9	31.0	30.8	30.7	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.9	28.9
1	30.5	30.9	31.0	30.8	30.7	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.9	28.9
2	30.5	30.9	31.0	30.8	30.7	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.9	28.9
3	30.5	30.9	30.9	30.8	30.7	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.9	28.9
4	30.5	30.9	30.5	30.5	30.6	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.9	28.9
5	30.5	30.9	30.4	30.4	30.5	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.8	28.9
6	30.5	30.8	30.3	30.3	30.2	30.2	30.0	29.8	29.7	29.6	29.4	29.0	28.6	28.9
7	30.5	30.2	30.3	30.2	30.2	30.2	30.0	29.8	29.7	29.6	29.3	29.0	28.4	28.8
8	30.4	30.0	30.2	30.2	30.2	30.2	29.9	29.7	29.7	29.6	29.2	29.0		
9	30.0	29.6	30.2	30.2	30.2	30.2	29.9	29.6	29.5	29.3	29.2	28.8		
10	30.0	29.4	30.1	30.2	30.2	29.8	29.7	29.3	29.4	29.2	29.1			
11	29.8	28.7	29.8	29.8	29.8	29.5	29.3	29.3	29.1	29.0	28.8			
12	29.3	28.6	29.6	29.6	29.5	29.3	29.3	29.1	28.8	28.8	28.7			
13	29.1	28.5	29.1	29.4	29.1	29.1	29.0	29.1	28.8	28.6	28.5			
14	28.7	28.3	29.1	28.8	28.7	29.0	28.9	28.6		28.4	28.3			
15	28.2	28.3	29.0	28.4	28.3	28.8	28.6				28.3			
16	27.3	28.1	27.4	27.4	27.1	27.7	27.7							
17	25.9		26.5	25.4	25.9	26.8	27.3							
18	22.8		26.1	22.8	23.1	24.8	26.6							
19	21.2		25.5	20.8		22.7	20.4							
20	18.2					18.7								
21	16.8													

11/23/10

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	17.2	17.1	17.0	16.8	16.7	16.6	16.4	16.1	15.4	15.6	15.0	13.6	13.5	13.6
1	17.1	17.1	17.0	16.8	16.7	16.6	16.4	16.1	15.4	15.6	15.0	13.5	13.3	13.3
2	17.1	17.1	17.0	16.8	16.7	16.6	16.3	16.1	15.4	15.6	15.0	13.5	13.3	13.2
3	17.1	17.1	17.0	16.8	16.7	16.6	16.3	16.1	15.4	15.6	15.0	13.5	13.2	13.0
4	17.0	17.1	17.0	16.8	16.7	16.6	16.3	16.1	15.4	15.6	15.0	13.5	12.6	12.7
5	17.0	17.0	17.0	16.8	16.7	16.6	16.3	15.6	15.2	15.6	14.4	13.5	12.6	12.4
6	17.0	17.0	16.7	16.7	16.7	16.5	16.3	15.1	15.1	15.6	14.0	13.4	12.5	11.8
7	17.0	16.7	16.6	16.4	16.6	16.5	16.2	15.0	15.1	15.6	13.8	13.2	12.5	11.6
8	16.9	16.4	16.4	16.2	16.4	16.5	16.2	15.0	14.8	15.5	13.8		12.4	
9	15.6	16.3	16.2	16.1	16.0	16.4	15.7	14.9	14.7	15.4	13.3			
10	15.6	16.3	16.0	15.8	15.9	15.0	15.7	14.7	14.7	14.8	13.0			
11	15.5	16.3	15.8	15.7	15.8	15.0	15.4	14.5	14.3	14.5	12.9			
12	15.5	16.3	15.8	15.7	15.7	14.8	15.0	14.3	13.6	14.1	12.9			
13	15.5	16.2	15.7	15.6	15.5	14.6	14.6	14.0	13.5	13.6	12.9			
14	15.5	16.1	15.6	15.6	15.4	14.6	14.4	13.7		13.4	12.9			
15	15.5	16.1	15.9	15.4	15.4	14.3	14.2	13.6			12.9			
16	15.4	16.1	15.5	15.3	15.3	14.4	14.0							
17	15.4		15.4	15.2	15.3	14.4	14.0							
18	15.4		15.2	15.2	15.1	14.3	14.0							
19	15.6		15.2	15.0		14.3	14.0							
20						14.3								

2011 Temperature Depth Profile Summary

Warm — Cool

3/11/11

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	12.6	12.6	12.0	11.7	11.7	11.5	11.1	10.5	10.4	10.1	9.3	9.3	9.8	9.7
1	12.6	12.6	12.0	11.7	11.7	11.5	11.0	10.4	10.3	10.1	9.3	9.3	9.3	9.6
2	12.6	12.6	11.9	11.7	11.7	11.4	10.9	10.4	10.2	10.1	8.9	8.7	9.3	9.6
3	12.5	12.6	11.8	11.6	11.5	11.3	10.9	10.2	10.2	10.0	8.9	8.7	9.2	9.4
4	12.4	12.6	11.8	11.6	11.4	11.3	10.8	10.2	10.2	9.9	8.9	8.7	9.2	9.3
5	12.3	12.6	11.8	11.5	11.4	11.3	10.8	10.0	10.2	9.9	8.9	8.7	9.2	9.3
6	12.3	12.0	11.8	11.4	11.4	11.3	10.8	9.8	10.1	9.8	8.7	8.7	9.1	9.3
7	12.3	11.7	11.7	11.3	11.3	11.3	10.8	9.7	9.8	9.7	8.7	8.6	9.1	9.2
8	12.3	11.7	11.7	11.3	11.1	11.3	10.8	9.7	9.8	9.4	8.7		9.1	
9	11.9	11.6	11.2	11.3	11.1	11.2	10.7	9.7	9.8	9.4	8.6			
10	11.8	11.5	11.2	11.3	11.1	11.1	10.5	9.7	9.7	9.0	8.6			
11	11.3	11.4	11.1	11.2	11.1	10.9	10.5	9.6	9.7	9.0	8.6			
12	11.1	11.4	11.1	11.1	11.0	10.7	10.5	9.6	9.5	9.0	8.6			
13	11.1	11.4	11.1	11.1	11.0	10.7	9.9	9.6	9.2	8.9	8.6			
14	10.9	11.3	11.1	11.0	11.0	10.0	9.8	9.5		8.9	8.6			
15	10.8	11.3	11.0	11.0	11.0	9.7	9.4	9.4			8.6			
16	10.8	11.3	11.0	11.0	10.9	9.6	9.3							
17	10.8		11.0	11.0	10.8	9.6	9.3							
18	10.8		10.9	10.6	10.5	9.7	9.3							
19	10.8		10.8	10.5		9.7	9.3							
20	10.8					9.7								
21	10.8													

5/18/11

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	24.9	23.6	23.3	23.2	23.3	23.7	23.3	23.0	22.7	22.8	22.6	22.4	22.0	22.6
1	24.8	23.3	23.1	23.0	23.2	23.5	22.6	22.4	22.7	22.7	22.3	21.7	21.9	22.2
2	23.5	23.2	23.0	22.7	22.8	22.8	22.5	22.3	22.3	22.2	22.1	21.6	21.7	21.9
3	23.4	23.1	22.8	22.7	22.6	22.7	22.5	22.3	22.1	22.2	22.1	21.5	21.5	21.7
4	23.2	23.1	22.7	22.6	22.5	22.7	22.5	22.1	21.9	22.1	22.0	21.5	21.5	21.7
5	22.8	22.0	22.6	22.4	22.5	22.6	22.4	21.9	21.8	21.9	21.2	21.3	21.2	21.3
6	22.6	21.1	22.2	22.3	22.3	22.5	22.2	21.9	21.8	21.9	20.9	21.2	21.9	20.7
7	22.6	20.8	22.1	22.2	22.3	22.3	22.0	21.4	21.8	21.8	20.9	21.2	20.5	19.3
8	22.4	20.2	22.1	22.2	22.2	22.6	21.5	21.0	21.6	21.6	20.8		20.0	
9	21.6	19.8	22.1	21.9	21.9	22.5	21.0	20.8	21.2	21.2	20.6			
10	21.4	19.5	21.5	21.1	21.5	20.8	20.7	20.5	20.3	20.5	20.1			
11	20.7	19.0	20.6	20.5	20.1	20.8	20.5	20.2	19.7	19.8	19.8			
12	19.5	18.3	20.1	19.5	19.4	19.8	20.0	19.7	19.5	19.7	19.3			
13	19.5	18.0	19.1	19.1	19.1	19.6	19.8	19.4	19.4	19.5	19.0			
14	18.8	17.6	18.8	18.7	18.9	19.5	19.2	18.8		19.1	18.8			
15	18.1	17.6	18.3	18.2	18.2	19.3	18.8	18.7		17.3	18.7			
16	17.1	17.6	17.9	17.7	17.5	18.3	18.7				18.6			
17	16.5	17.5	17.0	17.0	17.1	18.2	17.9							
18	16.0	17.5	16.3	16.5	16.2	17.2								
19	15.0		15.3	15.3		16.0								
20	14.6		15.1			15.1								
21	14.2													

2011 Temperature Depth Profile Summary

Warm — Cool

6/4/11

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	32.5	32.5	32.8	32.7	32.6	32.3	32.1	32.0	31.9	31.8	31.7	31.6	31.6	31.7
1	32.5	32.5	32.8	32.7	32.6	32.3	32.1	32.0	31.9	31.7	31.7	31.6	31.6	31.7
2	32.5	32.4	32.5	32.5	32.6	32.1	32.0	31.7	31.8	31.6	31.6	31.6	31.5	31.4
3	32.5	32.4	32.4	32.1	32.3	32.1	32.0	31.6	31.8	31.6	31.5	31.5	31.3	31.3
4	32.4	32.4	23.2	32.1	32.1	32.1	32.0	31.6	31.8	31.6	31.4	31.4	31.2	31.3
5	32.4	32.2	32.0	32.0	32.1	32.0	32.0	31.5	31.7	31.6	31.4	31.4	31.0	31.2
6	32.4	31.9	32.0	32.0	31.2	32.0	32.0	31.5	31.7	31.6	31.4	31.4	31.1	31.2
7	32.4	31.0	32.0	31.9	31.9	32.0	32.0	31.4	31.7	31.6	31.4	31.3	31.0	
8	32.3	30.7	31.9	31.9	31.9	31.8	31.7	31.4	31.6	31.4	31.2			
9	32.3	30.5	31.8	31.8	31.8	31.5	31.6	31.4	30.9	30.9	30.9			
10	31.7	30.4	31.7	31.8	31.8	30.4	30.2	31.3	30.7	29.9	30.0			
11	31.3	30.1	31.4	30.7	30.1	29.6	29.7	30.4	30.1	29.5	29.2			
12	29.8	29.6	30.2	29.5	29.8	29.3	29.6	30.0	29.7	28.8	28.7			
13	29.2	28.3	29.2	29.0	29.2	28.6	29.0	29.8	29.2		28.6			
14	28.7	27.9	28.6	28.3	28.9	27.6	27.8	29.1			28.5			
15	27.4	26.6	28.2	27.6	28.1	26.2	26.4	28.1						
16	26.0		27.4	25.6	25.3	23.8	26.4							
17	23.2		24.7	23.9	23.7	21.7	24.8							
18	21.9		23.3	21.7	22.7	20.1	22.6							
19	20.2		20.8	20.3			21.0							
20	18.9													
21	18.2													

12/29/11

Depth	A	B	C	D	E	F	G	H	I	J	K	L	M	N
0	12.9	13.2	12.8	12.6	12.6	11.4	11.2	10.8	10.4	10.3	9.3	8.4	7.6	7.4
1	13.0	13.2	12.8	12.7	12.6	11.4	11.3	10.9	10.4	10.3	9.3	8.4	7.6	7.5
2	13.1	13.3	12.8	12.7	12.6	11.4	11.3	10.9	10.4	10.3	9.3	8.5	7.4	7.4
3	13.1	13.3	12.8	12.7	12.6	11.5	11.3	10.9	10.4	10.3	9.3	8.4	7.4	7.3
4	13.1	13.2	12.8	12.6	12.6	11.4	11.3	10.8	10.3	10.3	9.3	8.4	7.4	7.3
5	13.0	13.2	12.5	12.2	12.0	11.5	11.2	10.8	10.3	10.2	9.3	8.4	7.4	7.3
6	12.9	13.2	12.1	12.0	11.9	11.5	11.2	10.8	10.3	10.2	9.3	8.4	7.4	7.3
7	12.9	13.2	12.0	11.7	11.9	11.5	11.1	10.6	10.3	10.1	9.3	8.4	7.4	7.3
8	12.9	12.9	11.9	11.7	11.8	11.5	11.1	10.5	10.3	10.1	9.3		7.4	
9	12.8	12.8	11.9	11.7	11.8	11.4	11.0	10.5	10.3	10.0	9.2			
10	12.4	12.8	11.8	11.7	11.8	11.4	10.9	10.3	10.2	10.0	9.2			
11	12.0	12.7	11.8	11.7	11.8	11.4	10.9	10.3	10.2	10.0	9.2			
12	12.0	12.6	11.8	11.7	11.7	11.4	10.8	10.3	10.1	10.0	9.2			
13	11.9	12.6	11.7	11.6	11.7	11.3	10.7	10.2	10.1	9.7	9.2			
14	11.8	12.5	11.7	11.6	11.7	11.2	10.6	10.2		9.7	9.2			
15	11.7	12.1	11.7	11.6	11.7	11.1	10.5	10.2			9.2			
16	11.7	12.0	11.7	11.6	11.6	10.8	10.5							
17	11.7		11.6	11.5	11.6	10.8	10.4							
18	11.7		11.6	11.5	11.4	10.8	10.4							
19	11.7		11.6	11.5		10.7	10.3							
20	11.7					10.7								
21	11.7													